SITE CHARACTERIZATION REPORT

FORMER FORTINO TIRE LANDFILL SITE
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK 13167

Site No. 738047
Work Assignment No. D007620-29

Submitted to:
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1.0 INTRODUCTION

In accordance with New York State Department of Environmental Conservation (NYSDEC or the "Department") Division of Environmental Remediation (DER) Work Assignment (WA) No. D007620-29 Notice to Proceed dated January 26, 2016 and the NYSDEC-approved Scope of Work dated October 13, 2016, TRC Engineers, Inc. (TRC) has completed a Site Characterization (SC) for the Former Fortino Tire Landfill Site located in West Monroe, New York (referred to as the "Site") (**Figure 1**). The SC was also completed in accordance with NYSDEC DER-10, Technical Guidance for Site Investigation and Remediation.

Historical investigations associated with the Site identified polychlorinated biphenyls (PCBs), cadmium, lead, and mercury impacts in soil. The Site has been assigned NYSDEC Site No. 738047.

2.0 SITE DESCRIPTION AND HISTORY

2.1 Site Location and Setting

The Former Fortino Tire Landfill Site is located at the northern end of Pinnacle Road Spur, West Monroe, Oswego County, New York (Oswego County Tax Map ID: 261.00-03-05). The Site is accessible via the Pinnacle Road Spur, north of the intersection of Pinnacle and Dump Roads. **Figure 2** is a Project Site Plan which includes estimated parcel limits obtained from the above referenced tax map. The property tax record lists the 77-acre parcel as consisting of the following land types: Wasteland (7.7 acres), Wetland (34.7 acres), and Residual (34.6 acres). The Site is located at the eastern boundary of the Town of West Monroe, and is bounded by private landowners in all directions (refer to **Section 2.2** for current site and surrounding land use). NYSDEC and US Army Corps of Engineers (USACE) regulated wetlands are located on Site and surrounding the Site (**Figure 2**). Threemile Creek is adjacent to the southwest corner of the Site.

Historically, the Site has partially flooded due to beaver activity. Clemson beaver pond levelers were reportedly used to control the level of surrounding beaver impoundments and have eliminated much of the Site flooding. Two of the devices remain functional today and are installed under the primary access road. A gravel entrance and interior roadways are present on the Site. The area of concern at the Site encompasses approximately 10 acres within the 77-acre parcel.

2.2 Current Site Uses

The Site is currently abandoned and undeveloped, and classified on the tax record as "322-Residential Vacant Land Over 10 Acres" as defined by the New York State Office of Real Property Services. Surrounding property/parcel classifications include: "910-Private Wild and Forest Lands except for Private Hunting and Fishing Clubs" to the east; "322-Residential Vacant Land Over 10 Acres" to the north, northwest, and west; and "240-Rural Residence with Acreage" to the south. The last classification is reserved for year-round residential properties, with up to three year-round dwelling units situated on the land.

2.3 Historic Site Uses

The Site was historically utilized as a municipal waste accumulation area and a used tire and Automobile Shredder Residue (ASR) waste accumulation area. In the early 1980s, the Site began receiving ASR from Roth Steel of Syracuse, New York. The ASR waste consisted of shredded automobile interior components. In the mid-1980s, the material was reportedly dumped over an embankment, partially entering wetlands adjacent to the Site to the north. There has been no record of electrical components, such as PCB-containing capacitors, being separated from the waste and PCBs are known to be present in the ASR waste. Municipal waste from the Town of West Monroe had also been dumped on the Site in the area west and immediately adjacent to the ASR waste area.

In 2004, NYSDEC initiated a tire remediation effort in conformance with the New York State Waste Tire Management and Recycling Act of 2003. Between 2004 and 2009, approximately 11 to 12 million tires were processed into New York State Department of Transportation (NYSDOT) Geotechnical Control Procedure 19 (GCP-19)-compliant tire shred material and removed from the Site. The Site currently contains a large stockpile of ASR waste that rises in elevation from approximately 480 feet (North American Vertical Datum of 1988 or NAVD88) adjacent to the wetland area to the northeast, to a peak of approximately 499.7 feet (NAVD88) at the location of FT-MW-106. The ASR waste is generally exposed at the surface with no evidence of a soil cover. Based on the results of a 2015 field investigation program (**Section 3.3**), the ASR waste volume is estimated at approximately 55,000 cubic yards. Waste tires and metal components are also present within the ASR waste; however, the quantity of tires and metal within the stockpile are unknown.

The relevant historic Site use areas are shown on **Figure 2**.

2.4 Site Geology and Hydrogeology

The geology of West Monroe consists of soils and unconsolidated sediments overlying crystalline bedrock. Based on available literature (Brogly, P J, Martini I P, Middleton, GV, 1998), the subsurface geology for the Site likely includes the following formations: the Ordovician Queenston Shale, the Early Silurian Medina Group, which is comprised of the Whirlpool Sandstone, Power Glen Shale, Devils Hole Sandstone, Grimsby Formation, Thorold Sandstone, Cambria Shale, Kodak Sandstone, and the Early Silurian Clinton Group. The interval containing the Thorold, Cambria, and Kodak has previously been assigned to the overlying Clinton Group. The Medina consists of 80 to 115 feet of white, green, red, barren to moderately fossiliferous sandstone, siltstone, and shale. The depth to crystalline bedrock for the area is estimated to be approximately 50 feet below the ground surface. Bedrock was not encountered during SC field activities. Soil encountered during soil boring advancement consisted primarily of fill composed of brown and gray sand, silt and clay with tire, glass, and foam particles.

The top of the groundwater table at the Site was generally encountered within a silt and fine sand layer. Within the area investigated the depth to groundwater varied from approximately 10.4 feet below ground surface (bgs) at FT-MW-104 to approximately 18.4 feet bgs at FT-MW-106. Based on relative groundwater surface elevation measurements collected during the July 2017 groundwater sampling event, groundwater flows in a radial direction, emanating from near the center of the ASR waste. Groundwater surface elevation measurements and inferred groundwater surface elevation contours are discussed in **Section 4.0**.

3.0 PREVIOUS INVESTIGATIONS

The Site Briefing Report provided by NYSDEC in the work assignment package describes the findings of prior environmental investigations completed at the Site. This Site Briefing Report indicates that the primary contaminants of concern for the Site include PCBs, cadmium, lead, and mercury. Presented below are brief summaries of the results of the prior investigations performed at the Site. Supporting documentation regarding previous investigations is included in **Appendix A**.

3.1 NYSDEC Sampling, 1990 and 1991

Sampling was conducted by the NYSDEC in 1990 and 1991 to investigate the ASR waste at the Site. The sampling activities involved collection of 22 soil and nine (9) water samples for analysis of PCBs and Toxicity Characteristic Leaching Procedure (TCLP) metals. The results of these sampling events indicated, in general, that elevated concentrations of PCBs are present in the ASR waste. The results of analysis of ASR waste for PCBs ranged from non-detect to 49 milligrams per kilogram (mg/kg). PCBs were not detected above 1 mg/kg in soil samples collected from outside of the approximate ASR waste limits. The complete results of the investigation can be found in **Appendix A**.

3.2 NYSDEC Sampling, 2008, 2009, and 2011

Additional sampling of site soils was conducted in 2008, 2009, and 2011. Limited information is available regarding these sampling events. In 2009, six (6) soil samples were collected for analysis of PCBs. The results ranged from 0.041 mg/kg (Fortino #5) to 14 mg/kg (Fortino #1). Six (6) additional soil samples were submitted to H2M Labs, Inc. in July 2011 for analysis of PCBs. The results of these sample analyses ranged from 0.042 mg/kg (MM711-0611-004) to 12 mg/kg (MM711-0611-001). The historical data from the NYSDEC sampling event in 2008 was not available. The available information concerning these investigations can be found in **Appendix A**.

3.3 MJ Engineering and Land Surveying, P.C. Field Sampling, 2015

In May 2015, MJ Engineering and Land Surveying, P.C. (MJ) conducted a field sampling event on behalf of NYSDEC, to obtain current analytical/characterization data for the ASR waste and additional waste delineation data, and to obtain data for use in estimating waste volumes and potential disposal costs. A total of 56 borings were advanced throughout the Site, and a total of 48 samples were analyzed for PCBs, RCRA metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), reactivity, corrosivity, and ignitability. One composite sample consisting of aliquots from nine (9) boring locations (location ID Nos. 8, 9, 15, 16, 23, 24, 25, 32, and 33) was also submitted for analysis.

MJ performed geophysical surveys and 3-D modeling to investigate the approximate dimensions and estimate the volume of the ASR waste stockpile. Based on 3-D imaging, the volume of the ASR waste stockpile was estimated to be approximately 55,000 cubic yards.

Based on the waste characterization analyses, MJ concluded that the concentrations of PCBs in three (3) ASR waste samples were above the hazardous waste limit (≥ 50 mg/kg), twenty-three (23) ASR waste samples contained concentrations of metals above the TCLP regulatory limit, and nineteen (19) samples would otherwise be classified as non-RCRA and non-TSCA hazardous waste. The sample data, figures, and appendices documenting the results of this investigation can be found in **Appendix A**.

4.0 SITE CHARACTERIZATION

The SC field activities completed by TRC between November 2016 and July 2017 on behalf of NYSDEC are described in this section. The SC was completed in general conformance with the approved Scope of Work dated October 13, 2016. Pre-investigation activities included preparation of a Health and Safety Plan and a Quality Assurance Project Plan (QAPP) for use throughout the project. The SC field activities consisted of the following:

- A washout on the main access road at the crossing of Threemile Creek was repaired. The repair work included the installation of a new stormwater drainage culvert and re-grading of the stone access road (completed on November 23, 2016).
- A private utility mark out/geophysical survey was conducted to confirm proposed soil boring locations were clear of subsurface utilities and structures.
- Twelve (12) direct push soil borings (FT-GW/SB-101 through FT-GW/SB-112) were advanced at the Site. Each boring was sampled continuously, and a total of thirty-six (36) soil samples were submitted for laboratory analysis. Additionally, grab groundwater samples were collected at 11 of the 12 direct push boring locations and submitted for laboratory analysis. The direct push sampling event was conducted between December 12 and 15, 2016.
- Twelve (12) sediment samples (from locations FT-SD-201 through FT-SD-207, FT-WS/SD-208, FT-SD-209, FT-WS/SD-210, FT-SD-211, and FT-SD-212) were collected on May 23 and 24, 2017 in the wetland to the east of the ASR waste and submitted for laboratory analysis.
- Four (4) surface water samples (from locations FT-WS/SD-208 and FT-WS/SD-210, east of the ASR waste, and from locations FT-WS-213 and FT-WS-214, west of the access road) were collected on May 23 and 24, 2017 and submitted for laboratory analysis.
- Six (6) two-inch diameter groundwater monitoring wells were installed on June 12 through 15, 2017 (FT-MW-101 through FT-MW-106). Each monitoring well borehole was sampled continuously from the ground surface to the boring termination depth to confirm geology. The monitoring wells were developed on June 12 through 15 and June 20, 2017.
- One round of groundwater samples was collected on July 11, 2017. Groundwater samples were collected from the six (6) newly installed wells (FT-MW-101 through FT-MW-106) and one (1) pre-existing monitoring well (FT-MW-001), and submitted for laboratory analysis.
- A land survey was performed by a New York State-Licensed Land Surveyor, MJ Engineering & Land Surveying, P.C. (MJ) of Clifton Park, New York on August 28, 2017. The scope of the land survey included the following:

- Surface elevations for topography of the ASR waste stockpile;
- Locations and ground surface elevations of direct push soil borings;
- Locations and ground surface elevations of sediment sample locations;
- Locations of surface water samples; and,
- Locations of the newly installed monitoring wells, in addition to ground surface, top of protective casing, and top of riser elevations.

The survey data collected in support of this effort is included in **Appendix B**. The survey data, including the approximate limits of the ASR waste stockpile based on survey work performed by MJ in 2015, was also used to prepare the topography and ASR limits and map the sample locations shown on **Figure 3** - Sample Location Map.

4.1 Direct-Push Soil and Groundwater Sampling

Between December 12 and 15, 2016, 12 direct push soil borings were advanced within the ASR waste limits (locations FT-GW/SB-101 through FT-GW/SB-112). Direct push borings were advanced utilizing a track-mounted Geoprobe® rig operated by Parratt-Wolff, Inc. (Parratt-Wolff). At each direct push soil boring location, soil samples were collected continuously to the predetermined boring termination depth of 20 feet bgs, unless refusal was encountered at a shallower depth. Soil samples were screened using a photoionization detector (PID), inspected for indications of ASR waste or other contamination (e.g., staining, odors, etc.), and visually classified. ASR waste was visually observed in each boring and consisted of a mix of rubber tires, foam (likely from seats and upholstery), plastic, and metal fragments. The ASR waste was predominantly found at depths ranging from 5 to 10 feet bgs except in soil borings FT-GW/SB-103 and FT-GW/SB-107, where the ASR waste depths were found to be 15 feet bgs and 17 feet bgs, respectively. Refusal was encountered at 5 feet bgs in soil boring FT-GW/SB-102. The lower limit of the ASR waste was visually identified at each location, and underlying soils consisted of red colored sand and till (to the bottom of each boring). Other than the presence of ASR waste (or absence, in the samples below the waste), there were no noteworthy visual or olfactory observations recorded. There were also no PID readings above background levels recorded during screening of soil from the borings. Geologic descriptions of the soil and field screening results were recorded in the field log book and used to prepare soil boring logs. The direct push soil boring logs are included in **Appendix C**.

Soil samples were selected from each direct push soil boring location for laboratory analysis. Since there were no PID readings, odors, or noteworthy visual observations, samples of the ASR waste, at the interface with underlying soils, and in the underlying soils (at the bottom of the soil boring) were selected for analysis. The soil samples were collected in accordance with the QAPP, containerized in laboratory supplied jars, labeled, sealed, and placed in a chilled cooler for shipment to ALS Environmental (ALS) in Rochester, New York for the following analyses:

- Target Compound List (TCL) VOCs by United States Environmental Protection Agency (USEPA) Method 8260C (35 of 36 samples);
- TCL SVOCs by USEPA Method 8270D (36 of 36 samples);
- Target Analyte List (TAL) metals by USEPA Methods 6010C and 7471B and cyanide by USEPA Method 9012B (36 of 36 samples);
- Total PCBs by USEPA Method 8082A (36 of 36 samples); and
- Organochlorine pesticides by USEPA Method 8081B (17 of 36 samples).

The direct push sampling locations were marked in the field and the locations were tagged by TRC field personnel using GPS (land surveying activities were performed at a later date). The direct push soil boring locations are shown on **Figure 3**.

Following the collection of soil samples, a temporary one-inch diameter monitoring well was installed at each direct push soil boring location. Grab groundwater samples were collected via peristaltic pump from the direct push soil boring locations, with the exception of FT-GW/SB-102 where no groundwater was encountered due to shallow refusal at this location. The grab groundwater samples were collected in accordance with the QAPP, field filtered as applicable, containerized in laboratory supplied jars, labeled, sealed, and placed in a chilled cooler for shipment to ALS. Many of the groundwater grab sample locations did not produce enough water to analyze for all of the parameters that were planned. The grab groundwater samples were analyzed for the following:

- TCL VOCs by USEPA Method 8260C (7 of 11 samples);
- TCL SVOCs by USEPA Method 8270D (7 of 11 samples);
- TAL metals (unfiltered samples) by USEPA Methods 6010C and 7471B and cyanide by USEPA Method 9012B (9 of 11 samples);
- TAL metals (filtered samples) by USEPA Methods 6010C and 7471B and cyanide by USEPA Method 9012B (7 of 11 samples);
- PCBs (unfiltered samples) by USEPA Method 8082A (11 of 11 samples);
- PCBs (filtered samples) by USEPA Method 8082A (7 of 11 samples); and
- Organochlorine pesticides by USEPA Method 8081B (7 of 11 samples).

Quality control samples, including matrix spike and matrix spike duplicates, were collected at a minimum frequency of one per 20 samples in accordance with the approved QAPP. Trip blanks were included in each cooler containing both soil and groundwater samples for VOC analysis.

4.2 Surface Water Sampling

Four (4) surface water samples, FT-WS/SD-208, FT-WS/SD-210, FT-WS-213, and FT-WS-214, were collected on May 23 and 24, 2017. Due to the lack of surface water in the wetland located to the north and east of the ASR waste, surface water sample collection was only possible at two of the four proposed transects at locations FT-WS/SD-208 and FT-WS/SD-210. Surface water sample locations FT-WS/SD-208 and FT-WS/SD-210 were co-located with sediment sample locations. Two additional surface water samples were collected from areas of surface water ponding located west of the access road and north of Threemile Creek (FT-WS-213) and from Threemile Creek where it intersects the access road (FT-WS-214). These sample locations were selected to investigate the potential for impacts to surface water on the west side of the Site. Each of the water samples was evaluated for the presence of a sheen, floating or suspended solids, cloudiness, odors, and other potential signs of contamination. There were no noteworthy observations made during collection of these samples. The location of each surface water sample was marked in the field and later surveyed by MJ. The surface water sample locations are shown on **Figure 3**.

Surface water samples were collected in accordance with the QAPP, field filtered as applicable, and containerized in laboratory supplied jars, labeled, sealed, and placed in a chilled cooler for shipment to the selected laboratory. Surface water samples were analyzed for the following:

- TCL VOCs by USEPA Method 8260C;
- TCL SVOCs by USEPA Method 8270D;
- TAL metals (filtered and unfiltered samples) by USEPA Methods 6010C and 7470A/7471B and cyanide by USEPA Method 9012B;
- PCBs (filtered and unfiltered samples) by USEPA Method 8082A;
- Organochlorine pesticides by USEPA Method 8081B;
- 1,4-Dioxane by USEPA Method 8260C; and
- Per- and polyfluoroalkyl substances (PFAS) by USEPA Method 537 (modified).

Surface water samples submitted for VOCs, SVOCs, metals, and PCBs analyses were shipped to ALS. Surface water samples submitted for PFAS and 1,4-dioxane analysis were shipped to TestAmerica Laboratories (TestAmerica) of Amherst, New York.

Quality control samples, including matrix spike and matrix spike duplicates, were collected at a minimum frequency of one per 20 samples in accordance with the QAPP. Trip blanks were included in each cooler containing samples for VOC analysis.

4.3 Sediment Sampling

Twelve (12) sediment samples (FT-SD-201 through FT-SD-207, FT-WS/SD-208, FT-SD-209, FT-WS/SD-210, FT-SD-211, and FT-SD-212) were collected along four transects in the wetland located directly north and east of the ASR waste on May 23 and 24, 2017. Each of the samples consisted of gray sandy silt. The sediment was screened for the presence of VOCs with a PID, all instrument readings were 0.0 ppm, and there was no field evidence of impacts to sediment. The location of each sediment sample was marked in the field and later surveyed by MJ. The sediment sample locations are shown on **Figure 3**.

Sediment samples were collected utilizing a hand auger, which was properly decontaminated, by scrubbing with Alconox® and water, before use at each sample location. Sediment samples were collected in accordance with the QAPP, containerized in laboratory supplied jars, labeled, sealed, and placed in a chilled cooler for shipment to TestAmerica under standard chain-of-custody procedures. Sediment samples were analyzed for the following:

- TCL VOCs by USEPA Method 8260C;
- TCL SVOCs by USEPA Method 8270D;
- TAL metals by USEPA Methods 6010C and 7470A/7471B and cyanide by USEPA Method 9012B;
- PCBs by USEPA Method 8082A;
- Organochlorine pesticides by USEPA Method 8081B;
- 1,4-Dioxane by USEPA Method 8260C; and
- PFAS by USEPA Method 537 (modified).

Quality control samples, including matrix spike and matrix spike duplicates, were collected at a minimum frequency of one per 20 samples in accordance with the QAPP. Trip blanks were included in each cooler containing samples for VOC analysis.

4.4 Groundwater Monitoring Well Installation and Sampling

4.4.1 Monitoring Well Installation and Development

Between June 12 and 15, 2017, Parratt-Wolff (under the direct supervision of TRC) installed a total of six (6) monitoring wells (FT-MW-101 through FT-MW-106) via hollow stem auger drilling techniques at the Site. The monitoring wells were installed to a depth of 25 feet bgs. The location, ground surface elevation, top of protective casing elevation, and top of riser elevation of each newly installed monitoring well were surveyed by MJ. Monitoring well locations are shown on **Figure 3**.

Each monitoring well borehole was sampled using a 3.75-inch outside diameter (O.D.) split spoon sampler, driven in advance of augering for well installation. Split spoon samples were used to confirm geology as well as to determine the depth to groundwater and confirm that the water table surface was within the pre-determined well screen depth (15 feet to 25 feet bgs). Soil was also screened for the presence of VOCs with a PID and inspected for indications of contamination (e.g., staining, odors, etc.). At all six (6) borehole locations the augers were advanced the first thirteen (13) feet and then split spoon samples were collected from thirteen (13) to twenty-five (25) feet bgs. ASR waste mixed with poorly sorted soil was recovered from each boring at depths of thirteen (13) feet (beginning of sampling) to fifteen (15) feet bgs. In FT-MW-103, ASR waste was found to seventeen (17) feet bgs. The lower limit of the ASR waste was visually confirmed in each boring, and brown sandy silt with some pebbles was encountered below the ASR waste. Other than the presence of ASR waste, there were no noteworthy visual or olfactory observations recorded. Fully saturated sediment was encountered at seventeen (17) to twenty (20) feet bgs. Geologic descriptions of the soil and field screening results were recorded in a field logbook, and are included in the permanent monitoring well boring and construction logs in **Appendix D**.

The completion depth of each boring, depths at which groundwater was encountered, and maximum PID responses recorded during screening of soil recovered from each soil boring are summarized in the table below.

Summary of Monitoring Well Borehole Depths, Depths to Groundwater, and PID Screening Results

Monitoring Well Identification Number	Boring Completion Depth (feet bgs)	Depth of Saturated Soil Encountered During Sampling (feet bgs)	Maximum PID Reading (ppm)
FT-MW-101	25	19	0.1
FT-MW-102	25	18	0.0
FT-MW-103	25	17	0.0
FT-MW-104	25	20	0.0
FT-MW-105	25	19	0.0
FT-MW-106	25	20	0.0

bgs – below ground surface
ppm – parts per million

Each monitoring well was constructed using two-inch diameter polyvinyl chloride (PVC) risers and a 10-foot long PVC well screen. The monitoring well assemblies were lowered into the 4.5-inch inside diameter (I.D.) hollow stem augers to a bottom depth of 25 feet bgs. A sand filter pack was then installed from the base of the boring to approximately 2 feet above the top of the well screen. A two-foot hydrated bentonite seal was placed above the sand pack and the remaining annular space was filled with a bentonite/cement (Type II) grout. Each monitoring well was completed above grade with a protective casing set in a two-foot by two-foot concrete pad, approximately 6 inches in thickness. The monitoring well construction logs are included in **Appendix D**.

In July 2017, TRC returned to the Site to develop the newly installed monitoring wells. Each well was developed using a peristaltic pump and dedicated tubing. Development was considered complete when observed turbidity below 50 nephelometric turbidity units (NTUs) was recorded, the well purged dry, or 10 well volumes had been removed, whichever occurred first. The monitoring well development logs are included in **Appendix E**.

Purged groundwater generated by development activities was containerized in United States Department of Transportation (DOT)-approved 55-gallon drums, secured, labeled, and staged onsite pending laboratory analysis for proper offsite disposal.

4.4.2 Monitoring Well Sampling

One round of groundwater samples was collected from the newly installed monitoring wells (FT-MW-101 through FT-MW-106) as well as one of the three pre-existing monitoring wells (FT-MW-001), on July 11, 2017. Two of the three pre-existing monitoring wells could not be located during the investigation, and are believed to have been removed or covered during past Site activities. Prior to the collection of samples, the monitoring wells were screened with a PID and gauged for total well depth, depth to water, and if present, depth to light non-aqueous phase liquid (LNAPL). No elevated PID readings or LNAPL was observed in any of the seven (7) monitoring wells. Groundwater samples were collected via low-flow methods. During sampling a TRC project scientist monitored each well for water quality parameters, including temperature, conductivity, pH, oxidation reduction potential (ORP), turbidity, and dissolved oxygen (DO). Water quality readings collected during the sampling event were recorded on groundwater sampling logs. The low-flow sampling logs are included as **Appendix F**.

Groundwater samples were analyzed for the following:

- TCL VOCs by USEPA Method 8260C;
- TCL SVOCs by USEPA Method 8270D;
- Unfiltered and filtered TAL metals by USEPA Methods 6010C and 7471B;
- Unfiltered and filtered PCBs by USEPA Method 8082A;
- Unfiltered and filtered cyanide by USEPA Method 335.4;
- 1,4-Dioxane by USEPA Method 8260C; and
- PFAS by USEPA Method 537 (modified).

High density polyethylene (HDPE) tubing was utilized for purging and sampling for PFAS to minimize the potential for introducing contamination. Following collection of PFAS samples, Teflon-lined tubing was used to fill remaining sample containers.

Groundwater samples were collected in accordance with the QAPP, containerized in laboratory supplied jars, labeled, sealed, and placed in chilled coolers for shipment to the selected laboratory under standard chain-of-custody procedures. Groundwater samples collected for VOCs, SVOCs, metals, PCBs, and cyanide were submitted to ALS for analysis. Groundwater samples collected for PFAS and 1,4-dioxane were submitted to TestAmerica for analysis.

Quality control samples, including matrix spike and matrix spike duplicates, were collected at a minimum frequency of one per 20 samples in accordance with the QAPP. Trip blanks were included in each cooler containing samples for VOC analysis.

Presented in the table below are the elevations of the groundwater monitoring well casings and adjacent ground surfaces, depths to water, and the calculated groundwater surface elevations, based on measurements collected in July 2017.

Summary of Monitoring Well Top of Riser and Ground Surface Elevations, Depth to Water Measurements, and Groundwater Surface Elevations

Monitoring Well Identification Number	Ground Surface Elevation (ft. NAVD88)	Top of Riser Elevation (ft. NAVD88)	Depth to Water (ft. below top of riser)	Groundwater Surface Elevation (ft. NAVD88)
FT-MW-101	487.16	489.63	14.32	475.31
FT-MW-102	496.07	498.19	15.19	483.00
FT-MW-103	494.58	497.21	15.17	482.04
FT-MW-104	486.28	488.95	13.08	475.87
FT-MW-105	490.95	492.75	13.96	478.79
FT-MW-106	496.99	499.47	20.92	478.55

Based on information gathered during the gauging in July 2017, the depth to groundwater in the wells within the ASR waste ranges from approximately 10.41 feet bgs in permanent monitoring well FT-MW-104 to 18.44 feet bgs in permanent monitoring well FT-MW-106. There was no evidence of impact identified in groundwater from any of the monitoring wells. Based on relative groundwater surface elevation measurements, the inferred predominant local groundwater flow direction is generally radial, emanating from the ASR waste and flowing outward toward the low-lying areas located directly north, east, and south of the ASR waste (**Figure 4**).

4.5 Investigation-Derived Waste

Investigation-derived waste (IDW) included soil generated during direct push and monitoring well installation activities, and purge water and wastewater from monitoring well development, groundwater sampling, and decontamination of sampling equipment. The IDW was placed in DOT-approved 55-gallon drums and will be transported off-site for disposal.

5.0 DISCUSSION OF RESULTS

This section presents a discussion of the results of the SC. The results of laboratory analyses are summarized in **Tables 1 through 5**. The results of validation of the soil, groundwater, sediment, and surface water laboratory analytical data are summarized in the Data Usability Summary Reports (DUSRs). The data validation was performed in accordance with NYSDEC requirements, as well as the requirements for development of DUSRs listed in Appendix 2B of DER-10 Technical Guidance for Site Investigations and Remediation. Laboratory results were found to be usable for the project objectives. The complete Analytical Services Protocol (ASP) Category B Laboratory Analytical Data Reports and DUSRs are included in **Appendices G and H,** respectively.

5.1 Applicable Regulatory Standards

This subsection identifies the regulatory standards and guidelines used to evaluate the results of the sampling. The standards and guidelines used to evaluate the data associated with the soil, grab groundwater, surface water, sediment, and monitoring well groundwater samples collected under the SC program are listed below:

- Soil sample results were evaluated by comparison to the Unrestricted Use Soil Cleanup Objectives (Unrestricted Use SCOs) promulgated under Title 6 NYCRR Part 375 (Table 375-6.8(a));
- Direct push grab groundwater sample results were evaluated by comparison to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 – "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" for Class GA Groundwater (Class GA Values);
- Surface water sample results were evaluated by comparison to TOGS 1.1.1 – "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" for Class A surface waters (Class A Values), and USEPA PFOA & PFOS Drinking Water Health Advisory Levels;
- Sediment sample results were evaluated by comparison to the Freshwater Sediment Guidance Values for Class A sediment (Class A SGVs) presented in "Screening and Assessment of Contaminated Sediment", NYSDEC, June 24, 2014 (Table 5); and
- Monitoring well groundwater sample results were evaluated by comparison to TOGS 1.1.1 – "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations" for Class GA Groundwater (Class GA Values), and USEPA PFOA & PFOS Drinking Water Health Advisory Levels.

5.2 Direct Push Soil Sampling

Field observations recorded during soil sampling are discussed in **Section 4.1** above. Summaries of analytical results above the Unrestricted Use SCOs are presented in **Table 1** and **Figure 5**, and discussed below. The complete laboratory reports are presented in **Appendix G**.

Summary of VOCs Detected above SCOs

Seven VOCs (2-butanone (MEK), acetone, benzene, ethylbenzene, toluene, m/p-xylene, and o-xylene) were detected at concentrations above Unrestricted Use SCOs, as described further below.

- 2-Butanone (MEK) was detected above the Unrestricted Use SCO of 0.12 mg/kg at one location, FT-GW/SB-107, at a depth of 8 feet bgs (0.27 mg/kg).
- Acetone was detected above the Unrestricted Use SCO of 0.05 mg/kg in 26 of 35 samples. Acetone results ranged from 0.054 mg/kg at FT-GW/SB-108 (5 feet bgs) to 0.79 mg/kg at FT-GW/SB-106 (8 feet bgs).
- Benzene was detected above the Unrestricted Use SCO of 0.06 mg/kg in five samples ranging from 0.062 mg/kg at FT-GW/SB-107 (2 feet bgs) to 0.13 mg/kg at FT-GW/SB-106 (8 feet bgs).
- Ethylbenzene was detected above the Unrestricted Use SCO of 1.0 mg/kg in five samples ranging from 1.3 mg/kg at FT-GW/SB-103 (2 feet bgs) to 3.9 mg/kg at FT-GW/SB-107 (2 feet bgs).
- Toluene was detected above the Unrestricted Use SCO of 0.7 mg/kg in three samples ranging from 0.74 mg/kg at FT-GW/SB-107 (12 feet bgs) to 1.7 mg/kg at FT-GW/SB-106 (8 feet bgs).
- M/p-xylene was detected above the Unrestricted Use SCO of 0.26 mg/kg in five samples ranging from 1.2 mg/kg at FT-GW/SB-103 (2 feet bgs) to 3.9 mg/kg at FT-GW/SB-106 (8 feet bgs).
- O-xylene was detected above the Unrestricted Use SCO of 0.26 mg/kg in six samples ranging from 0.3 mg/kg at FT-GW/SB-112 (2 feet bgs) to 2.3 mg/kg at FT-GW/SB-107 (2 feet bgs).

Summary of SVOCs Detected above SCOs

SVOCs were detected in soil at concentrations above Unrestricted Use SCOs at two sample locations, FT-GW/SB-109 (2 feet bgs) and FT-GW/SB-111 (4 feet bgs), as described further below.

- The sample from location FT-GW/SB-109 (2 feet bgs) contained concentrations of benzo(a)anthracene (4.4 mg/kg), benzo(a)pyrene (3.1 mg/kg), benzo(b)fluoranthene (2.8 mg/kg), and chrysene (8.2 mg/kg) above the Unrestricted Use SCOs of 1.0 mg/kg.
- The sample from location FT-GW/SB-111 (4 feet bgs) contained a concentration of phenol (9.4 mg/kg) above the Unrestricted Use SCO of 0.33 mg/kg.

Summary of PCBs Detected above SCO

PCBs were detected at concentrations exceeding the Unrestricted Use SCO of 0.1 mg/kg in 25 of 36 samples. Concentrations above the SCO were found in at least one sample from each of the 12 soil boing locations. The PCB concentrations ranged from 0.113 mg/kg at FT-SB-109 (19 feet bgs) to 520 mg/kg at FT-SB-106 (8 feet bgs). In 10 of the 36 samples, PCBs were detected at concentrations equal to or greater than 50 mg/kg. The highest concentrations of PCBs were generally detected at shallower depths and within the ASR waste. The highest concentration of PCBs detected in soil below the ASR waste was 6.6 mg/kg at FT-GW/SB-104 (18 feet bgs).

Summary of Metals and Cyanide Detected above SCOs

Twelve metals including arsenic, barium, cadmium, chromium, copper, lead, manganese, mercury, nickel, selenium, silver, and zinc were detected at concentrations above Unrestricted Use SCOs. Analysis for total chromium only was performed. Analysis for hexavalent chromium was not performed. The Unrestricted Use SCOs for hexavalent chromium and trivalent chromium are 1 mg/kg and 30 mg/kg, respectively. Conservatively, throughout this report, chromium results have been compared to the more stringent SCO of 1 mg/kg for hexavalent chromium.

Each of the 36 direct push soil samples contained at least one metal at a concentration above the corresponding Unrestricted Use SCO, as described further below.

- Arsenic was detected above the Unrestricted Use SCO of 13 mg/kg in 11 of 36 samples, ranging from 16.9 mg/kg at FT-GW/SB-112 (4 feet bgs) to 28 mg/kg at FT-GW/SB-106 (8 feet bgs).
- Barium was detected above the Unrestricted Use SCO of 350 mg/kg in 15 of 36 samples ranging from 488 mg/kg at FT-GW/SB-107 (16 feet bgs) to 2,170 mg/kg at FT-GW/SB-104 (8 feet bgs).
- Cadmium was detected above the Unrestricted Use SCO of 2.5 mg/kg in 17 of 36 samples ranging from 12.3 mg/kg at FT-GW/SB-107 (16 feet bgs) to 111 mg/kg at FT-GW/SB-106 (8 feet bgs).
- Chromium was detected above the Unrestricted Use SCO of 1.0 mg/kg in all 36 soil samples collected, ranging from 2.3 mg/kg at FT-GW/SB-101 (18 feet bgs) to 823 mg/kg at FT-GW/SB-103 (2 feet bgs).
- Copper was detected above the Unrestricted Use SCO of 50 mg/kg in 19 of 36 samples ranging from 51.7 mg/kg at FT-GW/SB-109 (19 feet bgs) to 17,100 mg/kg at FT-GW/SB-103 (2 feet bgs).
- Lead was detected above the Unrestricted Use SCO of 63 mg/kg in 19 of 36 samples ranging from 68.2 mg/kg at FT-GW/SB-109 (19 feet bgs) to 5,850 mg/kg at FT-GW/SB-107 (2 feet bgs).
- Manganese was detected above the Unrestricted Use SCO of 1,600 mg/kg in 2 of 36 samples ranging from 1,770 mg/kg at FT-GW/SB-106 (8 feet bgs) to 1,990 mg/kg at FT-GW/SB-103 (2 feet bgs).

- Mercury was detected above the Unrestricted Use SCO of 0.18 mg/kg in 18 of 36 samples ranging from 0.213 mg/kg at FT-GW/SB-105 (3 feet bgs) to 13.7 mg/kg at FT-GW/SB-107 (2 feet bgs).
- Nickel was detected above the Unrestricted Use SCO of 30 mg/kg in 15 of 36 samples ranging from 63.2 mg/kg at FT-GW/SB-106 (14 feet bgs) to 789 mg/kg at FT-GW/SB-104 (8 feet bgs).
- Selenium was detected above the Unrestricted Use SCO of 3.9 mg/kg in 4 of 36 samples ranging from 4.2 mg/kg at FT-GW/SB-102 (2 feet bgs) to 43.1 mg/kg at FT-GW/SB-111 (4 feet bgs).
- Silver was detected above the Unrestricted Use SCO of 2 mg/kg in 14 of 36 samples ranging from 2.2 mg/kg at FT-GW/SB-110 (2 feet bgs) to 10.4 mg/kg at FT-GW/SB-106 (8 feet bgs).
- Zinc was detected above the Unrestricted Use SCO of 109 mg/kg in 22 of 36 samples ranging from 110 mg/kg at FT-GW/SB-110 (7 feet bgs) to 12,700 mg/kg at FT-GW/SB-106 (8 feet bgs).

On average the highest concentrations of metals were found at shallower depths in the ASR waste. Additionally, the metals concentrations tended to decrease with depth.

Cyanide was not detected above the Unrestricted Use SCO (27 mg/kg) in any of the 36 direct push soil samples analyzed.

Summary of Pesticides Detected above SCOs

Three pesticides including 4,4'-DDT, aldrin, and endrin were detected above Unrestricted Use SCOs. Eleven of the 36 direct push soil samples contained at least one pesticide at a concentration above the corresponding Unrestricted Use SCO, as described further below.

- 4,4-DDT was detected above the Unrestricted Use SCO of 0.0033 mg/kg in 10 of 36 samples ranging from 0.0062 mg/kg at FT-GW/SB-103 (17 feet bgs) to 2.4 mg/kg at FT-GW/SB-112 (4 feet bgs).
- Aldrin was detected above the Unrestricted Use SCO of 0.005 mg/kg in 9 of 36 samples ranging from 0.006 mg/kg at FT-GW/SB-110 (7 feet bgs) to 0.89 mg/kg at FT-GW/SB-112 (4 feet bgs).
- Endrin was detected above the Unrestricted Use SCO of 0.014 mg/kg in 8 of 36 samples ranging from 0.049 mg/kg at FT-GW/SB-104 (18 feet bgs) to 1.6 mg/kg at FT-GW/SB-112 (2 and 4 feet bgs).

5.3 Direct Push Groundwater Sampling

Field observations recorded during direct push groundwater grab sampling are discussed in **Section 4.1** above. Summarized results of the direct push groundwater sample analyses are presented in **Table 2** and on **Figure 6**. The complete laboratory analytical data reports are presented in **Appendix G**.

Summary of VOCs Detected above Class GA Values

Three VOCs (benzene, ethylbenzene, and m/p-xylene) were detected at concentrations above the Class GA Values as described below:

- Benzene was detected above the Class GA Value of 1 microgram per liter (ug/L) in 5 of 7 samples ranging from 2 ug/L at FT-GW/SB-109 to 7.2 ug/L at FT-GW/SB-101.
- Ethylbenzene was detected above the Class GA Value of 5 ug/L in 2 of 7 samples ranging from 5.9 ug/L at FT-GW/SB-109 to 6.3 ug/L at FT-GW/SB-107.
- M/p-xylene was detected above the Class GA Value of 5 ug/L (this criteria is applicable to xylene, the sum of the xylene isomers) in one sample: FT-GW/SB-101 (14 ug/L).

Summary of SVOCs Detected above Class GA Values

SVOCs were detected in groundwater at concentrations above Class GA Values at four sample locations, FT-GW/SB-103, FT-GW/SB-104, FT-GW/SB-107, and FT-GW/SB-109, as discussed further below.

- 2-Methylphenol and 3,4-methylphenol were detected above the Class GA Value of 1 ug/L at one location: FT-GW/SB-103 (1.6 ug/L and 5 ug/L, respectively).
- Bis(2-ethylhexyl)phthalate was detected above the Class GA Value of 5 ug/L in 4 of 7 samples ranging from 5.7 ug/L at FT-GW/SB-107 to 76 ug/L at FT-GW/SB-104.

Summary of PCBs Detected above the Class GA Value

PCBs were detected at concentrations exceeding the Class GA Value of 0.09 ug/L in all 11 unfiltered samples. PCB concentrations above the Class GA Values in the unfiltered samples ranged from 0.129 ug/L at FT-GW/SB-110 to 9.9 ug/L at FT-GW/SB-106.

PCBs were detected at concentrations exceeding the Class GA Value of 0.09 ug/L in 4 of the 7 filtered samples. PCB concentrations above the Class GA Values in the filtered samples ranged from 0.19 ug/L at FT-GW/SB-107 to 1.44 ug/L at FT-GW/SB-109.

Summary of Pesticides Detected above Class GA Values

One pesticide was detected in groundwater at a concentration above the Class GA Value at one sample location, FT-GW/SB-101. The sample from this location contained a concentration of heptachlor of 0.052 ug/L, slightly above the Class GA Value of 0.04 ug/L.

Summary of Metals Detected above Class GA Values

Fifteen metals including antimony, arsenic, barium, beryllium, cadmium, chromium, copper, iron, lead, magnesium, manganese, mercury, nickel, sodium, and zinc were detected above Class GA Values. The

tables below provide summaries of the metals detected in unfiltered and filtered samples at concentrations above Class GA Values:

Summary of Metals Detected Above Class GA Values in Unfiltered Samples					
Metals, Unfiltered (ug/L)		No. of Samples Above Class GA Value (of 9 Samples Analyzed)	Minimum Value Above Class GA Value	Maximum Value Above Class GA Value	Location of Maximum Result
Parameter	Class GA Value*				
Antimony	3	2	28.7 J	44.4 J	FT-GW/SB-106
Arsenic	25	4	27.5	31.7	FT-GW/SB-106
Barium	1000	8	1,130	4,900	FT-GW/SB-106
Beryllium	3	2	3.2	3.9	FT-GW/SB-112
Cadmium	5	3	9.7	102	FT-GW/SB-106
Chromium	50	4	121	203	FT-GW/SB-112
Copper	200	4	280	721	FT-GW/SB-106
Iron	300	9	1,210 NE	287,000 NE	FT-GW/SB-112
Lead	25	7	80.1	4,830	FT-GW/SB-106
Magnesium	35000	4	43,700	65,500	FT-GW/SB-110
Manganese	300	5	1,120	16,700	FT-GW/SB-112
Mercury	0.7	2	1.6	3.9	FT-GW/SB-104
Nickel	100	2	101	296	FT-GW/SB-106
Sodium	20000	8	24,600	197,000	FT-GW/SB-106
Zinc	2000	2	6,620 E	13,500 E	FT-GW/SB-106

Summary of Metals Detected Above Class GA Values in Filtered Samples					
Metals, Filtered (ug/L)		No. of Samples Above Class GA Value (of 7 Samples Analyzed)	Minimum Value Above Class GA Value	Maximum Value Above Class GA Value	Location of Maximum Result
Parameter	Class GA Value*				
Antimony	3	2	19.5 J	30.4 J	FT-GW/SB-104
Arsenic	25	2	25.9	26.5	FT-GW/SB-109
Barium	1000	5	1,860	4,790	FT-GW/SB-109
Cadmium	5	2	30.2	40.3	FT-GW/SB-104
Chromium	50	2	119	127	FT-GW/SB-109
Copper	200	2	685	1,620	FT-GW/SB-109
Iron	300	6	14,200 NE	175,000 NE	FT-GW/SB-104
Lead	25	4	37.5	2,470	FT-GW/SB-104
Magnesium	35000	3	36,500	44,600	FT-GW/SB-110
Manganese	300	4	878	3,970	FT-GW/SB-104 and FT-GW/SB-110
Mercury	0.7	1	NA	4.8	FT-GW/SB-104
Nickel	100	1	NA	283	FT-GW/SB-109

Summary of Metals Detected Above Class GA Values in Filtered Samples					
Metals, Filtered (ug/L)		No. of Samples Above Class GA Value (of 7 Samples Analyzed)	Minimum Value Above Class GA Value	Maximum Value Above Class GA Value	Location of Maximum Result
Parameter	Class GA Value*				
Sodium	20000	6	24,100	97,600	FT-GW/SB-104
Zinc	2000	2	5,250 E	6,340 E	FT-GW/SB-104

Notes:
ug/L - micrograms per liter.
J - Estimated value.
E - Concentration is estimated due to the serial dilution was outside control limits.
N - Matrix spike recovery outside laboratory limits.
NA – Not Applicable.
* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water.

Cyanide was not detected above the Class GA Value in any of the direct push groundwater samples submitted for analysis.

5.4 Surface Water Sampling

Summarized results of the surface water sample analyses are presented in **Table 3** and on **Figure 7**. The complete laboratory analytical data reports are presented in **Appendix G**.

There were no VOCs, SVOCs, pesticides, PCBs, or cyanide detected above the Class A Values in any of the surface water samples analyzed. The results of analyses for metals are discussed below.

Summary of Metals Detected above Class A Values

Four (4) metals were detected above Class A Values: iron, manganese, sodium, and thallium.

- Iron was detected above the Class A Value of 300 ug/L in unfiltered samples from all 4 locations with concentrations ranging from 754 ug/L at FT-WS-214 to 10,300 ug/L at FT-WS/SD-210. In the filtered samples, iron was detected above the Class A Value in two samples: FT-WS-213 at 355 ug/L and FT-WS-214 also at 355 ug/L.
- Manganese was detected above the Class A Value of 300 ug/L in unfiltered samples from 3 of the 4 locations with concentrations ranging from 1,410 ug/L at FT-WS-213 to 5,750 ug/L at FT-WS/SD-210. In the filtered samples, manganese was detected above the Class A Value in one sample: FT-WS/SD-208 at 537 ug/L.
- Sodium was detected above the Class A Value of 20,000 ug/L in unfiltered sample FT-WS/SD-210 at 21,000 ug/L and in filtered sample FT-WS/SD-210 at 20,700 ug/L.
- Thallium was detected above the Class A Value of 0.5 ug/L in unfiltered sample FT-WS/SD-208 at 2.8 ug/L.

Summary of PFOA and PFOS Detected Above USEPA Health Advisories

PFOA was detected above the Health Advisory Value of 70 nanograms per liter (ng/L) in samples collected from FT-WS/SD-208 (130 ng/L) and FT-WS/SD-210 (110 ng/L). PFOS was detected above the Health Advisory Value of 70 ng/L in samples collected from FT-WS/SD-208 (100 ng/L) and FT-WS/SD-210 (100 ng/L). The sum of the concentrations of PFOA and PFOS detected at the same two surface water sampling locations is also above the Health Advisory Value of 70 ng/L: FT-WS/SD-208 (230 ng/L) and FT-WS/SD-210 (210 ng/L).

5.5 Sediment Sampling

Field observations recorded during sediment sampling are discussed in **Section 4.3**. Summarized results of the sediment sample analyses are presented in **Table 4** and on **Figure 8**. The complete laboratory analytical data reports are presented in **Appendix G.**

There were no VOCs or SVOCs detected above the Class A SGVs in the sediment samples.

Summary of PCBs Detected above Class A SGVs

PCBs were detected above the Class A SGV of 0.1 mg/kg in one of the sediment samples. The sample from location FT-SD-207 contained 6.44 mg/kg PCBs. This sample location is in close proximity to the ASR waste limit as shown in **Figure 8**.

Summary of Metals Detected above Class A SGVs

Metals were detected above the Class A SGVs at two sediment sample locations, as described below.

- The only metal detected above the Class A SGVs at FT-SD-206 was arsenic, which was detected at a concentration of 11.6 mg/kg, slightly above the Class A SGV of 10 mg/kg.
- A total of seven metals were detected above the Class A SGVs at FT-SD-207 including:
    - Cadmium, which was detected at 22.7 mg/kg, compared to the Class A SGV of 1 mg/kg;
    - Chromium, which was detected at 60.1 mg/kg, compared to the Class A SGV of 43 mg/kg;
    - Lead, which was detected at 1,380 mg/kg, compared to the Class A SGV of 36 mg/kg;
    - Mercury, which was detected at 2.1 mg/kg, compared to the Class A SGV of 0.2 mg/kg;
    - Nickel, which was detected at 162 mg/kg, compared to the Class A SGV of 23 mg/kg;
    - Silver, which was detected at 5.4 mg/kg, compared to the Class A SGV of 1 mg/kg; and
    - Zinc, which was detected at 3,230 mg/kg, compared to the Class A SGV of 120 mg/kg.

Summary of Pesticides Detected Above Class A SGVs

Pesticides were detected above the Class A SGVs at only two locations (FT-SD-207 and FT-SD-208), as described below.

- Two pesticides were detected above the Class A SGVs at FT-SD-207 including:
    - 4,4'-DDT, which was detected at 0.095 mg/kg, compared to the Class A SGV of 0.044 mg/kg; and
    - Heptachlor epoxide, which was detected at 0.037 mg/kg, compared to the Class A SGV of 0.015 mg/kg.
- The only pesticide detected above the Class A SGV at FT-SD-208 was Endosulfan II, which was detected at a concentration of 0.0024 mg/kg, compared to the Class A SGV of 0.001 mg/kg.

5.6 Groundwater Monitoring Well Sampling

Field observations recorded during sampling of the groundwater monitoring wells are discussed in **Section 4.4**. Summarized results of the analyses of the groundwater samples collected from the monitoring wells are presented in **Table 5** and on **Figure 9**. The complete laboratory analytical reports are presented in **Appendix G.** A review of the results of the groundwater monitoring well sampling is presented below. Pesticides were not detected in the groundwater monitoring well samples at concentrations above the Class GA Values.

Summary of VOCs Detected Above Class GA Values

Four (4) VOCs (benzene, ethylbenzene, m/p-xylene, and o-xylene) were detected at concentrations above the Class GA Values as described below.

- Benzene was detected above the Class GA Value of 1 ug/L in 5 of 7 samples. Benzene concentrations ranged from 1.3 ug/L at FT-MW-105 to 7.4 ug/L at FT-MW-103.
- Ethylbenzene was detected above the Class GA Value of 5 ug/L in one sample, collected from FT-MW-103, at a concentration of 16 ug/L.
- M/p-xylene was detected above the Class GA Value of 5 ug/L in 2 of 7 samples. This compound was detected in both FT-MW-101 and FT-MW-103 at a concentration of 13 ug/L.
- O-xylene was detected above the Class GA Value of 5 ug/L in one sample, collected from FT-MW-103, at a concentration of 13 ug/L.

Summary of SVOCs Detected Above Class GA Values

SVOCs were detected in groundwater at concentrations above Class GA Values in samples collected from three monitoring wells, FT-MW-101, FT-MW-102, and FT-MW-103, as described below.

- 3,4-Methylphenol were detected above the Class GA Value of 1 ug/L in one monitoring well: FT-MW-101 at 5.9 ug/L.
- Bis(2-ethylhexyl)phthalate was detected above the Class GA Value of 5 ug/L in 3 of 7 samples at concentrations ranging from 27 ug/L in FT-MW-102 to 160 ug/L in FT-MW-103.

Summary of PCBs Detected Above Class GA Values

PCBs were detected at concentrations exceeding the Class GA Value of 0.09 ug/L in 6 of the 7 unfiltered monitoring well groundwater samples. PCB concentrations above the Class GA Values ranged from 0.151 ug/L in FT-MW-106 to 1.56 ug/L at FT-MW-101 in the unfiltered samples.

PCBs were detected at concentrations exceeding the Class GA Value of 0.09 ug/L in 1 of the 7 filtered monitoring well groundwater samples, FT-MW-103 at 1.11 ug/L.

Summary of Metals Detected Above Class GA Values

Six (6) metals including barium, iron, lead, magnesium, manganese, and sodium, were detected at concentrations above the Class GA Values in monitoring well groundwater samples as summarized in the tables below:

Summary of Metals Detected Above Class GA Values in Unfiltered Samples

Metals, Unfiltered (ug/L)		No. of Samples Above Class GA Value (of 7 Samples Analyzed)	Minimum Value Above Class GA Value	Maximum Value Above Class GA Value	Location of Maximum Result
Parameter	**Class GA Value***				
Barium	1000	3	1,420	2,540	FT-MW-102
Iron	300	7	6,100	66,200	FT-MW-106
Lead	25	2	36	63.9	FT-MW-103
Magnesium	35000	1	NA	43,200	FT-MW-104
Manganese	300	4	383	32,400	FT-MW-104
Sodium	20000	5	22,500	157,000	FT-MW-103

Summary of Metals Detected Above Class GA Values in Filtered Samples

Metals, Filtered (ug/L)		No. of Samples Above Class GA Value (of 7 Samples Analyzed)	Minimum Value Above Class GA Value	Maximum Value Above Class GA Value	Location of Maximum Result
Parameter	**Class GA Value***				
Barium	1000	3	1,390	2,580	FT-MW-102
Iron	300	6	535	23,200	FT-MW-104
Magnesium	35000	1	NA	42,900	FT-MW-104
Manganese	300	4	415	31,100	FT-MW-104
Sodium	20000	5	22,600	152,000	FT-MW-103

Notes:
ug/L - micrograms per liter.
NA – Not Applicable.
* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water.

Cyanide was not detected above the Class GA Value in any of the groundwater samples submitted for analysis.

Summary of PFOA and PFOS Detected Above USEPA Health Advisory Levels

PFOA was detected above the Health Advisory Value of 70 ng/L in samples collected from FT-MW-101 (150 ng/L), FT-MW-102 (74 ng/L), FT-MW-103 (400 ng/L), and FT-MW-104 (120 ng/L). PFOS was detected above the Health Advisory Value of 70 ng/L in samples collected from FT-MW-102 (77 ng/L), FT-MW-103 (160 ug/L), and FT-MW-105 (71 ug/L). The sum of the concentrations of PFOA and PFOS also exceeded the Health Advisory Value of 70 ng/L in samples collected from the following five monitoring wells: FT-MW-101 (200 ng/L), FT-MW-102 (151 ng/L), FT-MW-103 (560 ng/L), FT-MW-104 (175 ng/L), and FT-MW-105 (113 ng/L).

5.7 Data Usability

The results of the data validation are summarized in the DUSRs. The DUSRs are provided in **Appendix H** and include a discussion on each qualified result, the potential bias and the effects on data usability. At the time of preparation of this draft SC Report, data validation was still underway. Data usability will be summarized in the final SC Report, following completion of data validation.

6.0 FINDINGS AND RECOMMENDATIONS

The Site Characterization was completed in general conformance with the Work Assignment No. D007620-29 Notice to Proceed dated January 26, 2016, the NYSDEC-approved Scope of Work dated October 13, 2016, and NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. A summary of the findings of the Site Characterization program and recommendations, based on the data presented, are discussed below.

6.1 Findings

6.1.1 Subsurface Soil Characterization

The subsurface soil sampling program included collection and analysis of thirty-six subsurface soil samples from 12 direct push soil boring locations (FT-GW/SB-101 through FT-GW/SB-112) within the horizontal limits of the ASR waste. The ASR waste was generally exposed at the ground surface in all locations. The thickness of the ASR waste ranged from approximately 5 feet to 10 feet thick, except in soil borings FT-SB-103 and FT-SB-107, where the ASR waste extended to depths of approximately 15 feet bgs and 17 feet bgs, respectively. Below the ASR waste, red sand and till were encountered to the termination depths of the borings. VOCs, SVOC, pesticides, PCBs, and metals were detected at concentrations above Unrestricted Use SCOs. The highest impacts were found within the ASR waste. A significant decrease in concentrations of constituents was evident in the soil below the ASR waste, however, there were sporadic concentrations of constituents detected in underlying soil above the Unrestricted Use SCOs.

Constituents detected at concentrations above the Unrestricted Use SCOs by more than one order of magnitude include:

- VOCs: Acetone and m/p-Xylene;
- SVOCs: Phenol;
- Pesticides: 4,4'-DDT, Aldrin, and Endrin;
- PCBs: detected at all direct push sample locations, with concentrations up 3 orders of magnitude above Unrestricted Use SCOs; and,
- Metals: Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, and Zinc.

Based on a review of the soil sampling data, vertical waste limits or impacts have generally been identified at the locations investigated, with the exception of FT-GW/SB-102, FT-GW/SB-103, FT-GW/SB-104 and

FT-GW/SB-109. PCBs and other constituents such as metals were detected at elevated concentrations in the deepest samples collected from these locations[1].

6.1.2 Groundwater (by Direct Push) Characterization

The direct push groundwater sampling program included collection and analysis of grab groundwater samples from eleven of the 12 direct push locations. Similar to the co-located soil samples, VOCs, SVOCs, one pesticide, PCBs, and metals were detected in the direct push groundwater samples at concentrations above the screening criteria (Class GA Values).

Constituents detected at concentrations above the Class GA Values by more than one order of magnitude include:

- SVOCs: Bis(2-ethylhexyl)phthalate;
- PCBs: detected at all sample locations, with concentrations up 2 orders of magnitude above the Class GA Value in unfiltered samples and greater than 1 order of magnitude above the Class GA Value in several of the filtered samples; and,
- Metals (in filtered samples): Antimony, Iron, Lead, and Manganese.

6.1.3 Surface Water Characterization

The surface water sampling program included collection and analysis of grab surface water samples from 4 locations, all outside the ASR waste limits. Two (2) sample locations, FT-WS/SD-208 and FT-WS/SD-210, are east of the ASR waste and 2 sample locations, FT-WS-213 and FT-WS-114, are in water bodies along the access road near the western boundary of the property. PCBs and metals were detected in surface water at concentrations above the Class A Values. PCBs were detected at one location (FT-WS/SD-208, 0.156 ug/L) slightly above the Class A Value of 0.09 ug/L. FT-WS/SD-208 was collected immediately downgradient of the elevated concentration of PCBs in sediment found at location FT-SD-207 (**Section 6.1.4**). The only metals detected in filtered surface water at concentrations above the Class A Values were iron, manganese, and sodium.

PFOA and PFOS were detected at concentrations above the Health Advisory levels in both surface water samples collected east of the ASR waste, FT-WS/SD-208 and FT-WS/SD-210.

[1] This conclusion excludes results of analysis for chromium at or below 30 mg/kg and results of analysis for acetone.

6.1.4 Sediment Characterization

The sediment sampling program included collection and analysis of twelve sediment samples (FT-SD-201 through FT-SD-212, including FT-WS/SD-208 and FT-WS/SD-210). All of the sediment sample locations were located outside of the ASR waste limits. Pesticides, PCBs, and metals were detected at concentrations above the Class A SGVs in sediment.

The greatest impacts were detected in FT-SD-207, in close proximity to the ASR waste limits. The constituents detected at concentrations more than one order of magnitude above the Class A SGVs in FT-SD-207 are: PCBs, cadmium, lead, mercury, and zinc. Other than FT-SD-207, the results above screening criteria in sediment samples were limited to arsenic detected slightly above the Class A SGV in FT-SD-206 and the pesticide Endosulfan II detected above the Class A SGV in FT-SD-208.

The outermost sediment samples collected during the SC generally delineate the horizontal extent of impacts in sediment east of the ASR waste limits. Sediment sample FT-SD-206, located north of the ASR waste limits, where arsenic was detected at a concentration slightly above the Class A SGV, is the northern-most sediment sample.

6.1.5 Groundwater (Monitoring Well) Characterization

The groundwater sampling program included collection and analysis of groundwater samples from 6 newly installed monitoring wells (FT-MW-101 through FT-MW-106, all within the ASR horizontal waste limits) and one pre-existing monitoring well (FT-MW-001) located approximately 200 feet south of the ASR waste limits. VOCs, SVOC, PCBs, metals, and PFOA/PFOS were detected in groundwater monitoring well samples at concentrations above Class GA Values and Health Advisory Levels, as applicable.

The only constituents detected in groundwater monitoring well samples at concentrations above the Class GA Values by more than one order of magnitude are:

- PCBs: in unfiltered samples collected from all 6 newly installed monitoring wells, at concentrations up to 1.56 ug/L, and in one filtered sample, collected from MW-103 (1.11 ug/L). The Class GA Value for PCBs is 0.09 ug/L; and

- Metals: Iron and Manganese, in both filtered and unfiltered samples.

In the samples collected from five of the seven monitoring wells, the concentrations of PFOA, PFOS or the sum of the concentrations of PFOA and PFOS detected were above the USEPA Health Advisories. PFOA and PFOS, and PFOA and PFOS combined were not detected at concentrations above the Health Advisories in the samples collected from FT-MW-001, located south of the ASR waste limits, and FT-MW-106, the southern-most well within the limits of the ASR waste.

6.2 Recommendations

Additional investigation is recommended to confirm the limits of ASR waste and impacts to groundwater, sediment, and surface water.

7.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

TRC Engineers, Inc. (TRC) performed a Site Characterization (SC) for the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) of the Former Fortino Tire Landfill Site, Site No. 738047, located north of Pinnacle Road Spur, West Monroe, New York. The SC was performed in general accordance with the Department Work Assignment No. D007620-29 Notice to Proceed dated January 26, 2016, the Department approved Scope of Work dated October 13, 2016, and DER-10 Technical Guidance for Site Investigation and Remediation.

TRC Engineers, Inc.

Prepared By:
Stephanie Amodeo
Project Geologist

Reviewed By:
Kevin D. Sullivan, P.E.
Project Manager

I, Kevin D. Sullivan, certify that I am currently a New York State registered professional engineer and that this Site Characterization Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Kevin D. Sullivan, P.E.

8.0 REFERENCES

- Field Sampling Report, Fortino Tire Site, West Monroe, New York, MJ Engineering and Land Surveying, P.C., July 2015.
- New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER)-10/Technical Guidance for Site Investigation and Remediation dated May 2010.
- NYSDEC Division of Water, Technical and Operational Guidance Series (1.1.1) – Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations dated June 1998, Errata Sheet dated January 1999, Addenda dated April 2000 and June 2004.
- NYSDEC Division of Fish, Wildlife, and Marine Resources, Screening and Assessment of Contaminated Sediment dated June 24, 2014.
- 6 NYCRR 375, Remedial Program Requirements dated December 14, 2006
- 6 NYCRR 703, Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations
- NYSDEC Division of Environmental Remediation (DER), Bureau of Program Management, Work Assignment (WA) Notice to Proceed dated January 26, 2016.
- NYSDEC-approved Scope of Work dated October 13, 2016.

TABLES

Table 1
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Unrestricted Use SCOs in Soil

			Sample Location:	FT-GW/SB-101						FT-GW/SB-102	
			Sample Depth (ft.):	12		15		18		2	
			Sample Date:	12/12/2016		12/12/2016		12/12/2016		12/14/2016	
			Matrix:	Soil		Soil		Soil		Soil	
Parameter	**Unit**	**Unrestricted Use SCO***									
Volatile Organic Compounds (VOCs)											
2-Butanone (MEK)	mg/kg	0.12		0.71	U	**0.011**		**0.0047**	**J**	**0.022**	
Acetone	mg/kg	0.05		0.71	U	**0.085**		**0.024**		**0.11**	
Benzene	mg/kg	0.06		**0.077**	**J**	**0.00093**	**J**	**0.0012**	**J**	**0.0036**	**J**
Ethylbenzene	mg/kg	1		**0.17**	**J**	0.0053	U	0.0051	U	**0.018**	
Toluene	mg/kg	0.7		0.71	U	0.0053	U	0.0051	U	**0.019**	
m/p-Xylene	mg/kg	0.26(a)		**1.4**	**J**	**0.0024**	**J**	**0.0019**	**J**	**0.011**	**J**
o-Xylene	mg/kg	0.26(a)		**0.55**	**J**	**0.0008**	**J**	**0.00063**	**J**	**0.0046**	**J**
Semi-Volatile Organic Compounds (SVOCs)											
Benzo(a)anthracene	mg/kg	1		58	U	0.37	U	0.4	U	11	U
Benzo(a)pyrene	mg/kg	1		58	U	0.37	U	0.4	U	11	U
Benzo(b)fluoranthene	mg/kg	1		58	U	0.37	U	0.4	U	11	U
Chrysene	mg/kg	1		58	U	0.37	U	0.4	U	11	U
Phenol	mg/kg	0.33		58	U	0.37	U	0.4	U	11	U
Pesticides											
4,4'-DDT	mg/kg	0.0033		NA		NA		NA		**0.87**	
Aldrin	mg/kg	0.005		NA		NA		NA		**0.32**	**P**
Endrin	mg/kg	0.014		NA		NA		NA		**0.60**	**P**
Polychlorinated Biphenyls (PCBs)											
Aroclor-1016	mg/kg	NC		2.3	U	0.037	U	0.04	U	4.3	U
Aroclor-1221	mg/kg	NC		4.7	U	0.075	U	0.081	U	8.7	U
Aroclor-1232	mg/kg	NC		2.3	U	0.037	U	0.04	U	4.3	U
Aroclor-1242	mg/kg	NC		2.3	U	0.037	U	0.04	U	4.3	U
Aroclor-1248	mg/kg	NC		**11**		0.037	U	0.04	U	**23**	
Aroclor-1254	mg/kg	NC		**9.1**		0.037	U	0.04	U	**20**	
Aroclor-1260	mg/kg	NC		**1.8**	**J**	0.037	U	0.04	U	**5**	
PCBs, Total	mg/kg	0.1		**21.9**		0.037	U	0.04	U	**48**	
Metals											
Arsenic	mg/kg	13		**19.4**		**1.3**		**0.202**	**J**	**9.9**	
Barium	mg/kg	350		**1,650**		**37.4**		**29.3**		**641**	
Cadmium	mg/kg	2.5		**54.5**		0.535	U	0.593	U	**25.7**	
Chromium	mg/kg	1(b)		**163**		**5.7**		**2.3**		**70.5**	**N**
Copper	mg/kg	50		**1,340**		**7.2**		**3.6**		**1,480**	
Lead	mg/kg	63		**2,900**		**7.1**		**1.5**	**J**	**1,280**	**N**
Manganese	mg/kg	1600		**840**	**N**	**63.1**	**N**	**328**	**N**	**458**	**N**
Mercury	mg/kg	0.18		**1.5**		**0.009**	**J**	0.04	U	**3.5**	
Nickel	mg/kg	30		**442**		**3.8**	**J**	**1.7**	**J**	**187**	
Selenium	mg/kg	3.9		56	U	1.1	U	1.2	U	**4.2**	
Silver	mg/kg	2		**2.9**		1.1	U	1.2	U	**2.3**	
Zinc	mg/kg	109		**8,320**		**26**		**9.1**		**3,720**	**N**

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

B - Compound was found in the blank.

E - For inorganics, concentration is estimated due to serial dilution outside control limits; for organics, concentrations exceeded the calibration range.

J - Estimated value.

N - Associated matrix spike recovery outside laboratory limits.

NA - Sample not analyzed for the listed analyte.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Analyte was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the corresponding SCO.

* - 6 NYCRR 375, Unrestricted Use Soil Cleanup Objective (SCO).

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - Criteria applicable to hexavalent chromium, which was not analyzed individually. Results indicate total chromium (sum of trivalent and hexavalent chromium).

Table 1
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Unrestricted Use SCOs in Soil

			Sample Location:		FT-GW/SB-103						FT-GW/SB-104			
			Sample Depth (ft.):		2		17		19		8		18	
			Sample Date:		12/15/2016		12/15/2016		12/15/2016		12/15/2016		12/15/2016	
			Matrix:		Soil		Soil		Soil		Soil		Soil	
Parameter	**Unit**	**Unrestricted Use SCO***												
Volatile Organic Compounds (VOCs)														
2-Butanone (MEK)	mg/kg	0.12		1.2	U	**0.01**		**0.011**		NA		**0.0069**	
Acetone	mg/kg	0.05		1.2	U	**0.073**		**0.026**		NA		**0.14**	
Benzene	mg/kg	0.06		1.2	U	**0.00097**	**J**	**0.0063**		NA		**0.0006**	**J**
Ethylbenzene	mg/kg	1		**1.3**		**0.0014**	**J**	**0.018**		NA		**0.00089**	**J**
Toluene	mg/kg	0.7		**0.75**	**J**	**0.0027**	**J**	**0.03**		NA		0.0053	U
m/p-Xylene	mg/kg	0.26(a)		**1.2**	**J**	0.0098	U	**0.0063**	**J**	NA		0.011	U
o-Xylene	mg/kg	0.26(a)		**1.1**	**J**	**0.00055**	**J**	**0.0041**	**J**	NA		**0.00083**	**J**
Semi-Volatile Organic Compounds (SVOCs)														
Benzo(a)anthracene	mg/kg	1		43	U	0.41	U	1.2	U	56	U	0.42	U
Benzo(a)pyrene	mg/kg	1		43	U	0.41	U	1.2	U	56	U	0.42	U
Benzo(b)fluoranthene	mg/kg	1		43	U	0.41	U	1.2	U	56	U	0.42	U
Chrysene	mg/kg	1		43	U	0.41	U	1.2	U	56	U	0.42	U
Phenol	mg/kg	0.33		43	U	0.41	U	1.2	U	56	U	0.42	U
Pesticides														
4,4'-DDT	mg/kg	0.0033		NA		**0.0062**		NA		NA		**0.088**	**P**
Aldrin	mg/kg	0.005		NA		**0.0046**		NA		NA		**0.049**	
Endrin	mg/kg	0.014		NA		**0.0042**	**P**	NA		NA		**0.049**	**P**
Polychlorinated Biphenyls (PCBs)														
Aroclor-1016	mg/kg	NC		21	U	0.041	U	0.39	U	23	U	2.1	U
Aroclor-1221	mg/kg	NC		44	U	0.083	U	0.8	U	46	U	4.3	U
Aroclor-1232	mg/kg	NC		21	U	0.041	U	0.39	U	23	U	2.1	U
Aroclor-1242	mg/kg	NC		**46**		**0.36**		**1.3**		**65**		**4.5**	
Aroclor-1248	mg/kg	NC		21	U	0.041	U	0.39	U	23	U	2.1	U
Aroclor-1254	mg/kg	NC		**37**		**0.13**		**0.73**		**37**		**2.1**	**J**
Aroclor-1260	mg/kg	NC		21	U	**0.034**	**J**	0.39	U	23	U	2.1	U
PCBs, Total	mg/kg	0.1		**83**		**0.524**		**2.03**		**102**		**6.6**	**J**
Metals														
Arsenic	mg/kg	13		**27.9**		**3.6**		**7.9**		**17.3**		**2**	
Barium	mg/kg	350		**1,850**		**37.2**		**346**		**2,170**		**40.9**	
Cadmium	mg/kg	2.5		**31.8**		**0.123**	**J**	**12.8**		**42.9**		**0.611**	**J**
Chromium	mg/kg	1(b)		**823**	**N**	**8.6**	**N**	**29.9**	**N**	**133**	**N**	**16.3**	**N**
Copper	mg/kg	50		**17,100**		**15.4**		**150**		**2,110**		**19.3**	
Lead	mg/kg	63		**2,250**	**N**	**13.3**	**N**	**551**	**N**	**2,860**	**N**	**36.6**	**N**
Manganese	mg/kg	1600		**1,990**	**N**	**153**	**N**	**576**	**N**	**773**	**N**	**183**	**N**
Mercury	mg/kg	0.18		**3.9**		**0.017**	**J**	**0.4**		**4.8**		**0.013**	**J**
Nickel	mg/kg	30		**387**		**10**		4.7	U	**789**		**6.7**	
Selenium	mg/kg	3.9		**5.4**		1.2	U	**1.2**		**2.7**		1.3	U
Silver	mg/kg	2		**3.1**		1.2	U	**0.594**	**J**	**4.1**		1.3	U
Zinc	mg/kg	109		**8,400**	**N**	**45**	**N**	**1,660**	**N**	**8,490**	**N**	**115**	**N**

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

B - Compound was found in the blank.

E - For inorganics, concentration is estimated due to serial dilution outside control limits; for organics, concentrations exceeded the calibration range.

J - Estimated value.

N - Associated matrix spike recovery outside laboratory limits.

NA - Sample not analyzed for the listed analyte.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Analyte was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the corresponding SCO.

* - 6 NYCRR 375, Unrestricted Use Soil Cleanup Objective (SCO).

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - Criteria applicable to hexavalent chromium, which was not analyzed individually. Results indicate total chromium (sum of trivalent and hexavalent chromium).

Table 1
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Unrestricted Use SCOs in Soil

		Sample Location:	FT-GW/SB-105						FT-GW/SB-106					
		Sample Depth (ft.):	1		3		8		8		14		18	
		Sample Date:	12/14/2016		12/14/2016		12/14/2016		12/14/2016		12/14/2016		12/14/2016	
		Matrix:	Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**Unit**	**Unrestricted Use SCO***												
Volatile Organic Compounds (VOCs)														
2-Butanone (MEK)	mg/kg	0.12	0.006	U	**0.0037**	**J**	**0.0038**	**J**	0.47	U	**0.012**		**0.0043**	**J**
Acetone	mg/kg	0.05	**0.064**		**0.11**		**0.067**		**0.79**		**0.088**		**0.033**	
Benzene	mg/kg	0.06	0.006	U	0.0041	U	0.0038	U	**0.13**	**J**	**0.0047**		0.0044	U
Ethylbenzene	mg/kg	1	0.006	U	0.0041	U	0.0038	U	**2.9**		**0.0043**		**0.00021**	**J**
Toluene	mg/kg	0.7	0.006	U	0.0041	U	0.0038	U	**1.7**		**0.0014**	**J**	0.0044	U
m/p-Xylene	mg/kg	0.26(a)	0.012	U	0.0082	U	0.0076	U	**3.9**		**0.04**		0.0088	U
o-Xylene	mg/kg	0.26(a)	0.006	U	0.0041	U	0.0038	U	**2.1**		**0.0073**		0.0044	U
Semi-Volatile Organic Compounds (SVOCs)														
Benzo(a)anthracene	mg/kg	1	11	U	0.37	U	0.37	U	100	U	39	U	0.38	U
Benzo(a)pyrene	mg/kg	1	11	U	0.37	U	0.37	U	100	U	39	U	0.38	U
Benzo(b)fluoranthene	mg/kg	1	11	U	0.37	U	0.37	U	100	U	39	U	0.38	U
Chrysene	mg/kg	1	11	U	0.37	U	0.37	U	100	U	39	U	0.38	U
Phenol	mg/kg	0.33	11	U	0.37	U	0.37	U	100	U	39	U	0.38	U
Pesticides														
4,4'-DDT	mg/kg	0.0033	NA		**0.0026**		NA		NA		NA		NA	
Aldrin	mg/kg	0.005	NA		0.0019	U	NA		NA		NA		NA	
Endrin	mg/kg	0.014	NA		**0.0019**		NA		NA		NA		NA	
Polychlorinated Biphenyls (PCBs)														
Aroclor-1016	mg/kg	NC	4.2	U	0.037	U	0.037	U	41	U	20	U	0.038	U
Aroclor-1221	mg/kg	NC	8.6	U	0.076	U	0.076	U	84	U	40	U	0.077	U
Aroclor-1232	mg/kg	NC	4.2	U	0.037	U	0.037	U	41	U	20	U	0.038	U
Aroclor-1242	mg/kg	NC	4.2	U	0.037	U	0.037	U	**320**		**87**		**0.045**	
Aroclor-1248	mg/kg	NC	**12**		**0.053**		0.037	U	41	U	20	U	0.038	U
Aroclor-1254	mg/kg	NC	**7.1**		**0.055**		0.037	U	**260**		**42**		**0.032**	**J**
Aroclor-1260	mg/kg	NC	4.2	U	**0.026**	**J**	0.037	U	**40**	**J**	20	U	0.038	U
PCBs, Total	mg/kg	0.1	**19.1**		**0.134**		0.037	U	**520**		**129**		**0.077**	**J**
Metals														
Arsenic	mg/kg	13	**5.2**		**1.6**		**1.4**		**28**	**E**	**8.3**	**E**	**0.526**	**EJ**
Barium	mg/kg	350	**331**		**34.8**		**11.3**		**1,760**	**E**	**720**	**E**	**7.9**	**E**
Cadmium	mg/kg	2.5	**12.8**		**0.611**		0.556	U	**111**	**E**	**27.6**	**E**	0.556	UE
Chromium	mg/kg	1(b)	**42.4**	**N**	**6.8**	**N**	**2.7**	**N**	**213**		**61.9**		**2.5**	
Copper	mg/kg	50	**664**		**36.4**		**4.3**		**1,780**		**771**		**2.3**	
Lead	mg/kg	63	**621**	**N**	**28.3**	**N**	**1.1**	**NJ**	**3,600**		**1,420**		**0.537**	**J**
Manganese	mg/kg	1600	**298**	**N**	**162**	**N**	**111**	**N**	**1,770**	**E**	**331**	**E**	**28.8**	**E**
Mercury	mg/kg	0.18	**2.3**		**0.213**		**0.042**		**7.1**		**1.2**		0.036	U
Nickel	mg/kg	30	**87.9**		**15.1**		**10.3**		490	U	**63.2**		**3.6**	**J**
Selenium	mg/kg	3.9	**1.2**	**J**	1.1	U	1.1	U	**6.8**		**1.9**		1.1	U
Silver	mg/kg	2	**4.4**		1.1	U	1.1	U	**10.4**		**1.2**		1.1	U
Zinc	mg/kg	109	**2,020**	**N**	**135**	**N**	**9.4**	**N**	**12,700**		**3,290**		**6.9**	

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

B - Compound was found in the blank.

E - For inorganics, concentration is estimated due to serial dilution outside control limits; for organics, concentrations exceeded the calibration range.

J - Estimated value.

N - Associated matrix spike recovery outside laboratory limits.

NA - Sample not analyzed for the listed analyte.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Analyte was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the corresponding SCO.

* - 6 NYCRR 375, Unrestricted Use Soil Cleanup Objective (SCO).

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - Criteria applicable to hexavalent chromium, which was not analyzed individually. Results indicate total chromium (sum of trivalent and hexavalent chromium).

Table 1
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Unrestricted Use SCOs in Soil

			Sample Location:									
			Sample Depth (ft.):									
			Sample Date:									
			Matrix:									
Parameter	**Unit**	**Unrestricted Use SCO***										
Volatile Organic Compounds (VOCs)												
2-Butanone (MEK)	mg/kg	0.12	0.58	U	**0.27**	**J**	0.51	U	**0.024**		**0.0044**	
Acetone	mg/kg	0.05	**0.44**	**J**	0.55	U	0.51	U	**0.31**	**E**	**0.036**	
Benzene	mg/kg	0.06	**0.062**	**J**	**0.11**	**J**	**0.099**	**J**	**0.0043**	**J**	0.0041	U
Ethylbenzene	mg/kg	1	**3.9**		**2.6**		**0.69**		**0.014**		**0.00024**	**J**
Toluene	mg/kg	0.7	**0.19**	**J**	**0.37**	**J**	**0.74**		**0.049**		0.0041	U
m/p-Xylene	mg/kg	0.26(a)	**2**		**2**		**0.26**	**J**	**0.0064**	**J**	0.0083	U
o-Xylene	mg/kg	0.26(a)	**2.3**		**1.7**		**0.16**	**J**	**0.0045**	**J**	0.0041	U
Semi-Volatile Organic Compounds (SVOCs)												
Benzo(a)anthracene	mg/kg	1	110	U	49	U	21	U	4.3	U	0.39	U
Benzo(a)pyrene	mg/kg	1	110	U	49	U	21	U	4.3	U	0.39	U
Benzo(b)fluoranthene	mg/kg	1	110	U	49	U	21	U	4.3	U	0.39	U
Chrysene	mg/kg	1	110	U	49	U	21	U	4.3	U	0.39	U
Phenol	mg/kg	0.33	110	U	49	U	21	U	4.3	U	0.39	U
Pesticides												
4,4'-DDT	mg/kg	0.0033	NA		NA		NA		NA		NA	
Aldrin	mg/kg	0.005	NA		NA		NA		NA		NA	
Endrin	mg/kg	0.014	NA		NA		NA		NA		NA	
Polychlorinated Biphenyls (PCBs)												
Aroclor-1016	mg/kg	NC	8.9	U	24	U	0.85	U	0.43	U	0.039	U
Aroclor-1221	mg/kg	NC	18	U	50	U	1.7	U	0.88	U	0.079	U
Aroclor-1232	mg/kg	NC	8.9	U	24	U	0.85	U	0.43	U	0.039	U
Aroclor-1242	mg/kg	NC	**44**		**78**		0.85	U	**2.2**		0.039	U
Aroclor-1248	mg/kg	NC	8.9	U	24	U	**3.8**		0.43	U	0.039	U
Aroclor-1254	mg/kg	NC	**29**		**43**		**4.7**		**1.2**		0.039	U
Aroclor-1260	mg/kg	NC	**6.6**	**J**	24	U	**1.1**		**0.34**	**J**	0.039	U
PCBs, Total	mg/kg	0.1	**79.6**		**121**		**9.6**		**3.74**		0.039	U
Metals												
Arsenic	mg/kg	13	**24.6**	**E**	**21.9**	**E**	**19.2**	**E**	**8.2**	**E**	**0.87**	**EJ**
Barium	mg/kg	350	**2,050**	**E**	**1,420**	**E**	**1,980**	**E**	**488**	**E**	**4.8**	**E**
Cadmium	mg/kg	2.5	**76.6**	**E**	**41.9**	**E**	**48.7**	**E**	**12.3**	**E**	0.572	UE
Chromium	mg/kg	1(b)	**197**		**119**		**221**		**42.1**		**2.5**	
Copper	mg/kg	50	**3,860**		**775**		**1,330**		**5,510**		**2.6**	
Lead	mg/kg	63	**5,850**		**2,320**		**3,490**		**2,920**		**1.1**	**J**
Manganese	mg/kg	1600	**1,160**	**E**	**747**	**E**	**960**	**E**	**286**	**E**	**34.4**	**E**
Mercury	mg/kg	0.18	**13.7**		**2.4**		**2.7**		**2.7**		**0.007**	**J**
Nickel	mg/kg	30	**281**		**278**		**170**		**63.8**		**3.1**	**J**
Selenium	mg/kg	3.9	**5**		**2.3**		**3.8**		**1.1**	**J**	1.1	U
Silver	mg/kg	2	**6.6**		**3.1**		**4.5**		**1.2**	**J**	1.1	U
Zinc	mg/kg	109	**11,000**		**6,590**		**10,700**		**1,790**		**6.3**	

			FT-GW/SB-107									
			2		8		12		16		19	
			12/14/2016		12/14/2016		12/14/2016		12/14/2016		12/14/2016	
			Soil		Soil		Soil		Soil		Soil	

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

B - Compound was found in the blank.

E - For inorganics, concentration is estimated due to serial dilution outside control limits; for organics, concentrations exceeded the calibration range.

J - Estimated value.

N - Associated matrix spike recovery outside laboratory limits.

NA - Sample not analyzed for the listed analyte.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Analyte was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the corresponding SCO.

* - 6 NYCRR 375, Unrestricted Use Soil Cleanup Objective (SCO).

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - Criteria applicable to hexavalent chromium, which was not analyzed individually. Results indicate total chromium (sum of trivalent and hexavalent chromium).

Table 1
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Unrestricted Use SCOs in Soil

		Sample Location:	FT-GW/SB-108						FT-GW/SB-109					
		Sample Depth (ft.):	2		5		10		2		18		19	
		Sample Date:	12/12/2016		12/12/2016		12/12/2016		12/13/2016		12/13/2016		12/13/2016	
		Matrix:	Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**Unit**	**Unrestricted Use SCO***												
Volatile Organic Compounds (VOCs)														
2-Butanone (MEK)	mg/kg	0.12	**0.021**		**0.0055**		**0.0067**		**0.02**		0.0045	U	**0.013**	
Acetone	mg/kg	0.05	**0.23**		**0.054**		**0.13**	**J**	**0.41**	**E**	**0.0082**		**0.13**	
Benzene	mg/kg	0.06	0.0059	U	0.0033	U	0.004	U	0.0082	U	0.0045	U	**0.00076**	**J**
Ethylbenzene	mg/kg	1	0.0059	U	0.0033	U	0.004	U	0.0082	U	0.0045	U	**0.00045**	**J**
Toluene	mg/kg	0.7	0.0059	U	0.0033	U	0.004	U	0.0082	U	0.0045	U	0.0043	U
m/p-Xylene	mg/kg	0.26(a)	0.012	U	0.0065	U	0.0081	U	0.016	U	0.009	U	**0.0015**	**J**
o-Xylene	mg/kg	0.26(a)	0.0059	U	0.0033	U	0.004	U	0.0082	U	0.0045	U	**0.0016**	**J**
Semi-Volatile Organic Compounds (SVOCs)														
Benzo(a)anthracene	mg/kg	1	**0.099**	**J**	0.37	U	0.36	U	**4.4**	**J**	0.35	U	0.41	U
Benzo(a)pyrene	mg/kg	1	**0.099**	**J**	0.37	U	0.36	U	**3.1**	**J**	0.35	U	0.41	U
Benzo(b)fluoranthene	mg/kg	1	**0.11**	**J**	0.37	U	0.36	U	**2.8**	**J**	0.35	U	0.41	U
Chrysene	mg/kg	1	**0.088**	**J**	0.37	U	0.36	U	**8.2**	**J**	0.35	U	0.41	U
Phenol	mg/kg	0.33	0.39	U	0.37	U	0.36	U	10	U	0.35	U	0.41	U
Pesticides														
4,4'-DDT	mg/kg	0.0033	NA		NA		NA		0.054	U	0.0018	U	0.0021	U
Aldrin	mg/kg	0.005	NA		NA		NA		**0.26**		0.0018	U	0.0021	U
Endrin	mg/kg	0.014	NA		NA		NA		**0.46**		0.0018	U	**0.0023**	
Polychlorinated Biphenyls (PCBs)														
Aroclor-1016	mg/kg	NC	0.2	U	0.037	U	0.036	U	4.2	U	0.035	U	0.041	U
Aroclor-1221	mg/kg	NC	0.4	U	0.074	U	0.074	U	8.4	U	0.071	U	0.083	U
Aroclor-1232	mg/kg	NC	0.2	U	0.037	U	0.036	U	4.2	U	0.035	U	0.041	U
Aroclor-1242	mg/kg	NC	0.2	U	0.037	U	0.036	U	4.2	U	0.035	U	0.041	U
Aroclor-1248	mg/kg	NC	**1**		0.037	U	0.036	U	**20**		0.035	U	**0.061**	
Aroclor-1254	mg/kg	NC	**1.4**		0.037	U	0.036	U	**16**		0.035	U	**0.052**	
Aroclor-1260	mg/kg	NC	**0.71**		0.037	U	0.036	U	**3.8**	**J**	0.035	U	0.041	U
PCBs, Total	mg/kg	0.1	**3.11**		0.037	U	0.036	U	**39.8**		0.035	U	**0.113**	
Metals														
Arsenic	mg/kg	13	**2.4**		**0.746**	**J**	**1.1**		**20.4**		**0.599**	**J**	**4.5**	
Barium	mg/kg	350	**70.8**		**14.4**		**25.2**		**1,640**		**14.1**		**60.4**	
Cadmium	mg/kg	2.5	**1.6**		0.548	U	0.526	U	**44.8**		0.516	U	**1.6**	
Chromium	mg/kg	1(b)	**9.9**		**3**		**3.6**		**261**		**3**		**7.7**	
Copper	mg/kg	50	**324**		**4.8**		**6.3**		**11,300**		**5.1**		**51.7**	
Lead	mg/kg	63	**91.1**		**1.2**	**J**	**1.3**	**J**	**3,280**		**2.9**	**J**	**68.2**	
Manganese	mg/kg	1600	**171**	**N**	**37.1**	**N**	**319**	**N**	**943**	**N**	**170**	**N**	**87**	**N**
Mercury	mg/kg	0.18	**0.085**		0.034	U	0.036	U	**3**		0.034	U	**0.092**	
Nickel	mg/kg	30	**12**		**2.9**	**J**	**4.4**		**539**		**1.9**	**J**	**16.4**	
Selenium	mg/kg	3.9	1.2	U	1.1	U	1.1	U	49.1	U	1	U	1.2	U
Silver	mg/kg	2	**0.26**	**J**	1.1	U	1.1	U	**6.3**		1	U	**0.084**	**J**
Zinc	mg/kg	109	**273**		**8.1**		**11.2**		**8,000**		**15.7**		**219**	

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

B - Compound was found in the blank.

E - For inorganics, concentration is estimated due to serial dilution outside control limits; for organics, concentrations exceeded the calibration range.

J - Estimated value.

N - Associated matrix spike recovery outside laboratory limits.

NA - Sample not analyzed for the listed analyte.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Analyte was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the corresponding SCO.

* - 6 NYCRR 375, Unrestricted Use Soil Cleanup Objective (SCO).

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - Criteria applicable to hexavalent chromium, which was not analyzed individually. Results indicate total chromium (sum of trivalent and hexavalent chromium).

Table 1
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Unrestricted Use SCOs in Soil

			Sample Location:	FT-GW/SB-110						FT-GW/SB-111					
			Sample Depth (ft.):	2		7		11		4		9		14	
			Sample Date:	12/13/2016		12/13/2016		12/13/2016		12/13/2016		12/13/2016		12/13/2016	
			Matrix:	Soil		Soil		Soil		Soil		Soil		Soil	
Parameter	**Unit**	**Unrestricted Use SCO***													
Volatile Organic Compounds (VOCs)															
2-Butanone (MEK)	mg/kg	0.12		**0.019**		**0.006**		**0.01**		**0.0074**		**0.012**		**0.0064**	
Acetone	mg/kg	0.05		**0.23**		**0.092**		**0.14**		**0.088**		**0.087**		**0.17**	
Benzene	mg/kg	0.06		**0.0015**	**J**	0.0045	U	0.0043	U	0.0057	U	**0.0019**	**J**	0.0045	U
Ethylbenzene	mg/kg	1		**0.012**		0.0045	U	0.0043	U	0.0057	U	**0.0085**		0.0045	U
Toluene	mg/kg	0.7		**0.003**	**J**	0.0045	U	0.0043	U	0.0057	U	**0.0011**	**J**	0.0045	U
m/p-Xylene	mg/kg	0.26(a)		0.016	U	0.009	U	0.0085	U	0.011	U	**0.0062**	**J**	0.009	U
o-Xylene	mg/kg	0.26(a)		**0.0011**	**J**	0.0045	U	0.0043	U	0.0057	U	**0.005**		0.0045	U
Semi-Volatile Organic Compounds (SVOCs)															
Benzo(a)anthracene	mg/kg	1		6.6	U	4.2	U	0.4	U	9.7	U	9.4	U	0.35	U
Benzo(a)pyrene	mg/kg	1		6.6	U	4.2	U	0.4	U	9.7	U	9.4	U	0.35	U
Benzo(b)fluoranthene	mg/kg	1		6.6	U	4.2	U	0.4	U	9.7	U	9.4	U	0.35	U
Chrysene	mg/kg	1		6.6	U	4.2	U	0.4	U	9.7	U	9.4	U	0.35	U
Phenol	mg/kg	0.33		6.6	U	4.2	U	0.4	U	**9.4**	**J**	9.4	U	0.35	U
Pesticides															
4,4'-DDT	mg/kg	0.0033		**0.96**		**0.0087**		0.002	U	**1.6**		**0.16**		**0.00092**	**J**
Aldrin	mg/kg	0.005		**0.39**		**0.006**		0.002	U	**0.41**		**0.067**		0.0018	U
Endrin	mg/kg	0.014		**0.68**		**0.0088**		0.002	U	**1.4**	**P**	**0.22**		0.0018	U
Polychlorinated Biphenyls (PCBs)															
Aroclor-1016	mg/kg	NC		4.4	U	0.041	U	0.04	U	3.8	U	3.7	U	0.035	U
Aroclor-1221	mg/kg	NC		8.9	U	0.084	U	0.08	U	7.8	U	7.6	U	0.072	U
Aroclor-1232	mg/kg	NC		4.4	U	0.041	U	0.04	U	3.8	U	3.7	U	0.035	U
Aroclor-1242	mg/kg	NC		4.4	U	0.041	U	0.04	U	3.8	U	3.7	U	0.035	U
Aroclor-1248	mg/kg	NC		**27**		**0.33**		**0.028**	**J**	**26**		**18**		0.035	U
Aroclor-1254	mg/kg	NC		**25**		**0.29**		**0.048**		**33**		**12**		0.035	U
Aroclor-1260	mg/kg	NC		**8.9**		**0.085**		0.04	U	**8.2**		3.7	U	0.035	U
PCBs, Total	mg/kg	0.1		**60.9**		**0.705**		**0.076**		**67.2**		**30**		0.035	U
Metals															
Arsenic	mg/kg	13		**11.8**		**1.2**	**J**	**1.1**	**J**	**25**		**1.2**		**0.889**	**J**
Barium	mg/kg	350		**989**		**51.4**		**42**		**1,420**		**37.1**		**25.7**	
Cadmium	mg/kg	2.5		**30**		**0.088**	**J**	**0.138**	**J**	**109**		0.554	U	0.529	U
Chromium	mg/kg	1(b)		**238**		**5.6**		**5.9**		**235**		**6.5**		**7.5**	
Copper	mg/kg	50		**1,110**		**17.5**		**22**		**11,000**		**10.4**		**7.7**	
Lead	mg/kg	63		**2,000**		**12.7**		**17**		**3,750**		**8.4**		**3.4**	**J**
Manganese	mg/kg	1600		**523**	**N**	**34.2**	**N**	**147**	**N**	**732**	**N**	**90.3**	**N**	**264**	**N**
Mercury	mg/kg	0.18		**4.6**		**0.054**		**0.037**	**J**	**5.2**		**0.022**	**J**	**0.011**	**J**
Nickel	mg/kg	30		**323**		**19**		**6.9**		**381**		**6.3**		**4.1**	**J**
Selenium	mg/kg	3.9		39.1	U	1.3	U	1.2	U	**43.1**	**J**	1.1	U	1.1	U
Silver	mg/kg	2		**2.2**		1.3	U	1.2	U	**8**		1.1	U	1.1	U
Zinc	mg/kg	109		**4,480**		**110**		**67.4**		**9,630**		**42.4**		**15.4**	

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

B - Compound was found in the blank.

E - For inorganics, concentration is estimated due to serial dilution outside control limits; for organics, concentrations exceeded the calibration range.

J - Estimated value.

N - Associated matrix spike recovery outside laboratory limits.

NA - Sample not analyzed for the listed analyte.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Analyte was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the corresponding SCO.

* - 6 NYCRR 375, Unrestricted Use Soil Cleanup Objective (SCO).

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - Criteria applicable to hexavalent chromium, which was not analyzed individually. Results indicate total chromium (sum of trivalent and hexavalent chromium).

Table 1
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Unrestricted Use SCOs in Soil

			Sample Location:	FT-GW/SB-112							
			Sample Depth (ft.):	2		4		7		12	
			Sample Date:	12/13/2016		12/13/2016		12/13/2016		12/13/2016	
			Matrix:	Soil		Soil		Soil		Soil	
Parameter	**Unit**	**Unrestricted Use SCO***									
Volatile Organic Compounds (VOCs)											
2-Butanone (MEK)	mg/kg	0.12		**0.12**		**0.043**		**0.018**		**0.0063**	
Acetone	mg/kg	0.05		**0.71**	**E**	**0.35**		**0.14**		**0.06**	
Benzene	mg/kg	0.06		**0.022**		**0.0035**	**J**	**0.0017**	**J**	0.004	U
Ethylbenzene	mg/kg	1		**1.4**		**0.038**		**0.012**		0.004	U
Toluene	mg/kg	0.7		**0.092**		**0.0064**	**J**	**0.0015**	**J**	0.004	U
m/p-Xylene	mg/kg	0.26(a)		**0.26**		**0.026**		**0.0087**	**J**	0.008	U
o-Xylene	mg/kg	0.26(a)		**0.3**		**0.022**		**0.0066**		0.004	U
Semi-Volatile Organic Compounds (SVOCs)											
Benzo(a)anthracene	mg/kg	1		22	U	43	U	1.9	U	0.35	U
Benzo(a)pyrene	mg/kg	1		22	U	43	U	1.9	U	0.35	U
Benzo(b)fluoranthene	mg/kg	1		22	U	43	U	1.9	U	0.35	U
Chrysene	mg/kg	1		22	U	43	U	1.9	U	0.35	U
Phenol	mg/kg	0.33		22	U	43	U	1.9	U	0.35	U
Pesticides											
4,4'-DDT	mg/kg	0.0033		**1.9**		**2.4**		**0.014**		0.0018	U
Aldrin	mg/kg	0.005		**0.77**		**0.89**		**0.0041**		0.0018	U
Endrin	mg/kg	0.014		**1.6**	**P**	**1.6**		**0.0079**		0.0018	U
Polychlorinated Biphenyls (PCBs)											
Aroclor-1016	mg/kg	NC		8.5	U	21	U	0.075	U	0.035	U
Aroclor-1221	mg/kg	NC		17	U	43	U	0.15	U	0.071	U
Aroclor-1232	mg/kg	NC		8.5	U	21	U	0.075	U	0.035	U
Aroclor-1242	mg/kg	NC		8.5	U	21	U	0.075	U	0.035	U
Aroclor-1248	mg/kg	NC		**51**		**98**		**0.33**		0.035	U
Aroclor-1254	mg/kg	NC		**42**		**58**		**0.29**		0.035	U
Aroclor-1260	mg/kg	NC		**7.6**	**J**	21	U	**0.052**	**J**	0.035	U
PCBs, Total	mg/kg	0.1		**100.6**		**156**		**0.672**		0.035	U
Metals											
Arsenic	mg/kg	13		**19.5**		**16.9**		**0.757**	**J**	**1.3**	
Barium	mg/kg	350		**1,630**		**1,330**		**10.8**		**23.4**	
Cadmium	mg/kg	2.5		**41.9**		**52.5**		0.541	U	0.519	U
Chromium	mg/kg	1(b)		**165**		**127**		**3.7**		**3.9**	
Copper	mg/kg	50		**1,520**		**1,280**		**3.8**		**5.3**	
Lead	mg/kg	63		**2,520**		**2,150**		**5**	**J**	**1.1**	**J**
Manganese	mg/kg	1600		**873**	**N**	**836**	**N**	**54.1**	**N**	**133**	**N**
Mercury	mg/kg	0.18		**3.7**		**2.2**		**0.02**	**J**	0.034	U
Nickel	mg/kg	30		**358**		**280**		**3.3**	**J**	**3.1**	**J**
Selenium	mg/kg	3.9		49.8	U	51.6	U	1.1	U	1	U
Silver	mg/kg	2		**2.3**		**3.4**		1.1	U	1	U
Zinc	mg/kg	109		**6,710**		**6,210**		**18.1**		**9.9**	

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

B - Compound was found in the blank.

E - For inorganics, concentration is estimated due to serial dilution outside control limits; for organics, concentrations exceeded the calibration range.

J - Estimated value.

N - Associated matrix spike recovery outside laboratory limits.

NA - Sample not analyzed for the listed analyte.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Analyte was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the corresponding SCO.

* - 6 NYCRR 375, Unrestricted Use Soil Cleanup Objective (SCO).

(a) - Criteria applicable to xylene (total), the sum of the xylene isomers.

(b) - Criteria applicable to hexavalent chromium, which was not analyzed individually. Results indicate total chromium (sum of trivalent and hexavalent chromium).

Table 2
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Class GA Values in Groundwater - Direct Push Samples

			Sample Location:		FT-GW/SB-101			FT-GW/SB-103		
			Sample Date:	12/20/2016		12/20/2016	12/19/2016		12/19/2016	
			Matrix:	Groundwater Unfiltered		Groundwater Filtered	Groundwater Unfiltered		Groundwater Filtered	
Parameter	**Unit**	**Class GA Value***								
Volatile Organic Compounds (VOCs)										
Benzene	ug/L	1		**7.2**		NA	**6.1**		NA	
Ethylbenzene	ug/L	5		**0.59**	**J**	NA	**4.5**		NA	
m/p-Xylene	ug/L	5(b)		**14**		NA	**2.5**		NA	
Semi-Volatile Organic Compounds (SVOCs)										
2-Methylphenol	ug/L	1(d)		9.4	U	NA	**1.6**	**J**	NA	
3,4-Methylphenol	ug/L	1(d)		9.4	U	NA	**5**	**J**	NA	
Bis(2-ethylhexyl)phthalate	ug/L	5		**2.1**	**J**	NA	**19**		NA	
Pesticides										
Heptachlor	ug/L	0.04		**0.052**		NA	0.047	U	NA	
Polychlorinated Biphenyls (PCBs)										
Aroclor-1016	ug/L	NC		0.047	U	0.047	0.047	U	0.047	U
Aroclor-1221	ug/L	NC		0.05	U	0.05	0.05	U	0.05	U
Aroclor-1232	ug/L	NC		0.047	U	0.047	0.047	U	0.047	U
Aroclor-1242	ug/L	NC		**0.17**		0.047	**1.1**		**0.65**	
Aroclor-1248	ug/L	NC		0.047	U	0.047	0.047	U	0.047	U
Aroclor-1254	ug/L	NC		**0.042**	**J**	0.047	**0.5**		**0.32**	
Aroclor-1260	ug/L	NC		0.047	U	0.047	**0.1**	**P**	0.047	U
PCBs, Total	ug/L	0.09		**0.212**	**J**	0.047	**1.7**		**0.97**	
Metals										
Antimony	ug/L	3		60	U	60	60	U	60	U
Arsenic	ug/L	25		10	U	10	10	U	10	U
Barium	ug/L	1000		**2,950**		**2,920**	**2,780**		**2,730**	
Beryllium	ug/L	3		3	U	3	3	U	3	U
Cadmium	ug/L	5		5	U	5	**9.7**		**3.9**	**J**
Chromium	ug/L	50		**2.1**	**J**	**1.9**	**J**	**10.2**		**4.8**	**J**
Copper	ug/L	200		**2.4**	**J**	20	U	**107**		**45.8**	
Iron	ug/L	300		**22,500**	**NE**	**22,100**	**NE**	**18,000**	**NE**	**14,200**	**NE**
Lead	ug/L	25		**9**		5	U	**506**		**229**	
Magnesium	ug/L	35000		**21,300**		**21,100**		**16,900**		**16,800**	
Manganese	ug/L	300		**89.2**		**85.7**		**83.9**		**62.9**	
Mercury	ug/L	0.7		0.2	U	0.2	U	**0.317**		**0.106**	**J**
Nickel	ug/L	100		**8.9**	**J**	**11.4**	**J**	**35.2**	**J**	**25.4**	**J**
Sodium	ug/L	20000		**70,700**		**70,300**		**47,800**		**42,000**	
Zinc	ug/L	2000		**221**		**208**		**602**		**304**	

Notes:

ug/L - micrograms per liter.

B - Analyte detected in associated method blank.

E - Concentration is estimated due to the serial dilution was outside control limits.

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

N - Matrix spike recovery outside laboratory limits.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Compound was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the Standard/Guidance Value.

(b) - criteria applicable to xylene (total), the sum of the xylene isomers.

(d) - criteria applicable to total phenolics.

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water.

Table 2
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Class GA Values in Groundwater - Direct Push Samples

			Sample Location:	FT-GW/SB-104				FT-GW/SB-105				FT-GW/SB-106	
			Sample Date:	12/20/2016		12/20/2016		12/19/2016		12/19/2016		12/19/2016	
			Matrix:	Groundwater Unfiltered		Groundwater Filtered		Groundwater Unfiltered		Groundwater Filtered		Groundwater Unfiltered	
Parameter	**Unit**	**Class GA Value***											
Volatile Organic Compounds (VOCs)													
Benzene	ug/L	1		**3.5**		NA		1	U	NA		NA	
Ethylbenzene	ug/L	5		**1.2**		NA		1	U	NA		NA	
m/p-Xylene	ug/L	5(b)		**1.7**	**J**	NA		2	U	NA		NA	
Semi-Volatile Organic Compounds (SVOCs)													
2-Methylphenol	ug/L	1(d)		9.4	U	NA		9.4	U	NA		NA	
3,4-Methylphenol	ug/L	1(d)		9.4	U	NA		9.4	U	NA		NA	
Bis(2-ethylhexyl)phthalate	ug/L	5		**76**		NA		9.4	U	NA		NA	
Pesticides													
Heptachlor	ug/L	0.04		0.047	U	NA		0.047	U	NA		NA	
Polychlorinated Biphenyls (PCBs)													
Aroclor-1016	ug/L	NC		0.24	U	0.047	U	0.047	U	0.047	U	0.24	U
Aroclor-1221	ug/L	NC		0.25	U	0.05	U	0.05	U	0.05	U	0.25	U
Aroclor-1232	ug/L	NC		0.24	U	0.047	U	0.047	U	0.047	U	0.24	U
Aroclor-1242	ug/L	NC		**4.8**		**0.66**		0.047	U	0.047	U	**5.8**	
Aroclor-1248	ug/L	NC		0.24	U	0.047	U	**1**		**0.037**	**J**	0.24	U
Aroclor-1254	ug/L	NC		**3.1**		**0.38**		**1.2**		0.047	U	**3.3**	
Aroclor-1260	ug/L	NC		**1.8**		**0.18**		**0.29**	**P**	0.047	U	**0.8**	
PCBs, Total	ug/L	0.09		**9.7**		**1.22**		**2.49**		**0.037**	**J**	**9.9**	
Metals													
Antimony	ug/L	3		**28.7**	**J**	**30.4**	**J**	60	U	60	U	**44.4**	**J**
Arsenic	ug/L	25		**27.5**		**25.9**		10	U	10	U	**31.7**	
Barium	ug/L	1000		**1,800**		**1,860**		**89.9**		**63**		**4,900**	
Beryllium	ug/L	3		**1.3**	**J**	**1.3**	**J**	3	U	3	U	**0.6**	**J**
Cadmium	ug/L	5		**39.6**		**40.3**		**1.9**	**J**	**2**	**J**	**102**	
Chromium	ug/L	50		**121**		**119**		**1.2**	**J**	10	U	**183**	
Copper	ug/L	200		**688**		**685**		**24.8**		**17.7**	**J**	**721**	
Iron	ug/L	300		**191,000**	**NE**	**175,000**	**NE**	**1,210**	**NE**	**228**	**NE**	**208,000**	**NE**
Lead	ug/L	25		**2,480**		**2,470**		**7.3**		5	U	**4,830**	
Magnesium	ug/L	35000		**43,700**		**41,700**		**4,850**		**4,490**		**45,800**	
Manganese	ug/L	300		**3,590**		**3,970**		**1,120**		**1,050**		**1,210**	
Mercury	ug/L	0.7		**3.9**		**4.8**		**0.046**	**J**	0.2	U	**1.6**	
Nickel	ug/L	100		**88.8**		**75.3**		**10.5**	**J**	**12.5**	**J**	**296**	
Sodium	ug/L	20000		**93,600**		**97,600**		**2,490**		**2,090**		**197,000**	
Zinc	ug/L	2000		**6,620**	**E**	**6,340**	**E**	**329**		**270**		**13,500**	**E**

Notes:

ug/L - micrograms per liter.

B - Analyte detected in associated method blank.

E - Concentration is estimated due to the serial dilution was outside control limits.

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

N - Matrix spike recovery outside laboratory limits.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Compound was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the Standard/Guidance Value.

(b) - criteria applicable to xylene (total), the sum of the xylene isomers.

(d) - criteria applicable to total phenolics.

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water.

Table 2
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Class GA Values in Groundwater - Direct Push Samples

		Sample Location:	FT-GW/SB-107				FT-GW/SB-108		FT-GW/SB-109			
		Sample Date:	12/16/2016		12/16/2016		12/20/2016		12/16/2016		12/16/2016	
		Matrix:	Groundwater Unfiltered		Groundwater Filtered		Groundwater Unfiltered		Groundwater Unfiltered		Groundwater Filtered	
Parameter	**Unit**	**Class GA Value***										
Volatile Organic Compounds (VOCs)												
Benzene	ug/L	1	**4.8**		NA		NA		**2**		NA	
Ethylbenzene	ug/L	5	**6.3**		NA		NA		**5.9**		NA	
m/p-Xylene	ug/L	5(b)	**2.6**		NA		NA		**2.6**		NA	
Semi-Volatile Organic Compounds (SVOCs)												
2-Methylphenol	ug/L	1(d)	9.4	U	NA		NA		9.4	U	NA	
3,4-Methylphenol	ug/L	1(d)	9.4	U	NA		NA		9.4	U	NA	
Bis(2-ethylhexyl)phthalate	ug/L	5	**5.7**	**J**	NA		NA		**21**		NA	
Pesticides												
Heptachlor	ug/L	0.04	0.047	U	NA		NA		0.047	U	NA	
Polychlorinated Biphenyls (PCBs)												
Aroclor-1016	ug/L	NC	0.047	U	0.047	U	0.047	U	0.24	U	0.047	U
Aroclor-1221	ug/L	NC	0.05	U	0.05	U	0.05	U	0.25	U	0.05	U
Aroclor-1232	ug/L	NC	0.047	U	0.047	U	0.047	U	0.24	U	0.047	U
Aroclor-1242	ug/L	NC	**1.1**		**0.14**		0.047	U	0.24	U	0.047	U
Aroclor-1248	ug/L	NC	0.047	U	0.047	U	**0.22**		**3.8**		**0.79**	
Aroclor-1254	ug/L	NC	**0.47**		**0.05**		**0.26**		**2.4**		**0.51**	
Aroclor-1260	ug/L	NC	**0.15**	**P**	0.047	U	**0.083**		**0.81**		**0.14**	**P**
PCBs, Total	ug/L	0.09	**1.72**		**0.19**		**0.563**		**7.01**		**1.44**	
Metals												
Antimony	ug/L	3	60	U	60	U	NA		60	U	**19.5**	**J**
Arsenic	ug/L	25	10	U	10	U	NA		10	U	**26.5**	
Barium	ug/L	1000	**2,480**		**2,520**		NA		**3,400**		**4,790**	
Beryllium	ug/L	3	3	U	3	U	NA		3	U	**1.3**	**J**
Cadmium	ug/L	5	**1**	**J**	**0.2**	**J**	NA		**1.2**	**J**	**30.2**	
Chromium	ug/L	50	**1.7**	**J**	**1.2**	**J**	NA		**8.5**	**J**	**127**	
Copper	ug/L	200	**19.3**	**J**	**9.3**	**J**	NA		**80.5**		**1,620**	
Iron	ug/L	300	**14,300**	**NE**	**14,300**	**NE**	NA		**22,300**	**NE**	**150,000**	**NE**
Lead	ug/L	25	**80.1**		**37.5**		NA		**103**		**1,930**	
Magnesium	ug/L	35000	**22,500**		**22,600**		NA		**26,200**		**36,500**	
Manganese	ug/L	300	**64.8**		**64**		NA		**155**		**878**	
Mercury	ug/L	0.7	**0.074**	**J**	0.2	U	NA		0.2	U	0.2	U
Nickel	ug/L	100	**13.8**	**J**	**12.7**	**J**	NA		**42.2**		**283**	
Sodium	ug/L	20000	**29,100**		**29,000**		NA		**42,800**		**42,700**	
Zinc	ug/L	2000	**185**		**159**		NA		**290**		**5,250**	**E**

Notes:

ug/L - micrograms per liter.

B - Analyte detected in associated method blank.

E - Concentration is estimated due to the serial dilution was outside control limits.

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

N - Matrix spike recovery outside laboratory limits.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Compound was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the Standard/Guidance Value.

(b) - criteria applicable to xylene (total), the sum of the xylene isomers.

(d) - criteria applicable to total phenolics.

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water.

Table 2
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Class GA Values in Groundwater - Direct Push Samples

			Sample Location:		FT-GW/SB-110		FT-GW/SB-111		FT-GW/SB-112	
			Sample Date:		12/16/2016	12/16/2016	12/16/2016		12/16/2016	
			Matrix:		Groundwater Unfiltered	Groundwater Filtered	Groundwater Unfiltered		Groundwater Unfiltered	
Parameter	**Unit**	**Class GA Value***								
Volatile Organic Compounds (VOCs)										
Benzene	ug/L	1		1	U	NA		NA		NA	
Ethylbenzene	ug/L	5		1	U	NA		NA		NA	
m/p-Xylene	ug/L	5(b)		2	U	NA		NA		NA	
Semi-Volatile Organic Compounds (SVOCs)										
2-Methylphenol	ug/L	1(d)		9.4	U	NA		NA		NA	
3,4-Methylphenol	ug/L	1(d)		9.4	U	NA		NA		NA	
Bis(2-ethylhexyl)phthalate	ug/L	5		9.4	U	NA		NA		NA	
Pesticides										
Heptachlor	ug/L	0.04		0.047	U	NA		NA		NA	
Polychlorinated Biphenyls (PCBs)										
Aroclor-1016	ug/L	NC		0.047	U	0.047	U	0.047	U	0.047	U
Aroclor-1221	ug/L	NC		0.05	U	0.05	U	0.05	U	0.05	U
Aroclor-1232	ug/L	NC		0.047	U	0.047	U	0.047	U	0.047	U
Aroclor-1242	ug/L	NC		0.047	U	0.047	U	**0.28**		**0.48**	
Aroclor-1248	ug/L	NC		**0.072**		**0.05**		0.047	U	0.047	U
Aroclor-1254	ug/L	NC		**0.057**		**0.036**	**J**	**0.17**		**0.34**	
Aroclor-1260	ug/L	NC		0.047	U	0.047	U	**0.036**	**JP**	**0.051**	**P**
PCBs, Total	ug/L	0.09		**0.129**		**0.086**	**J**	**0.486**		**0.871**	
Metals										
Antimony	ug/L	3		60	U	60	U	NA		60	U
Arsenic	ug/L	25		**31.1**		**5**	**J**	NA		**30.1**	
Barium	ug/L	1000		**1,180**		**316**		NA		**1,130**	
Beryllium	ug/L	3		**3.2**		3	U	NA		**3.9**	
Cadmium	ug/L	5		**0.7**	**J**	5	U	NA		**0.3**	**J**
Chromium	ug/L	50		**121**		**5.8**	**J**	NA		**203**	
Copper	ug/L	200		**333**		**18.7**	**J**	NA		**280**	
Iron	ug/L	300		**195,000**	**NE**	**38,500**	**NE**	NA		**287,000**	**NE**
Lead	ug/L	25		**154**		**8.3**		NA		**310**	
Magnesium	ug/L	35000		**65,500**		**44,600**		NA		**57,900**	
Manganese	ug/L	300		**3,670**		**3,970**		NA		**16,700**	
Mercury	ug/L	0.7		0.2	U	0.2	U	NA		0.2	U
Nickel	ug/L	100		**96.7**		**2.4**	**J**	NA		**101**	
Sodium	ug/L	20000		**24,600**		**24,100**		NA		**44,900**	
Zinc	ug/L	2000		**880**		**127**		NA		**1,020**	

Notes:

ug/L - micrograms per liter.

B - Analyte detected in associated method blank.

E - Concentration is estimated due to the serial dilution was outside control limits.

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

N - Matrix spike recovery outside laboratory limits.

NC - No NYSDEC standard exists for this analyte.

P - Concentration >40% (25% for CLP) difference between the two GC columns.

U - Compound was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the Standard/Guidance Value.

(b) - criteria applicable to xylene (total), the sum of the xylene isomers.

(d) - criteria applicable to total phenolics.

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water.

Table 3
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Class A Values and Health Advisory Levels in Surface Water

			Sample Location:		FT-WS/SD-208		FT-WS/SD-210		FT-WS-213		FT-WS-214	
			Sample Date:		5/23/2017		5/24/2017		5/24/2017		5/24/2017	
			Matrix:		Surface Water		Surface Water		Surface Water		Surface Water	
Parameter	**Unit**	**Criteria**										
Polychlorinated Biphenyls (PCBs)*												
Aroclor-1016	ug/L	NC		0.047	U	0.047	U	0.047	U	0.047	U	
Aroclor-1221	ug/L	NC		0.047	U	0.047	U	0.047	U	0.047	U	
Aroclor-1232	ug/L	NC		0.047	U	0.047	U	0.047	U	0.047	U	
Aroclor-1242	ug/L	NC		0.047	U	0.047	U	0.047	U	0.047	U	
Aroclor-1248	ug/L	NC		**0.063**		0.047	U	0.047	U	0.047	U	
Aroclor-1254	ug/L	NC		**0.093**		**0.026**	**J**	0.047	U	0.047	U	
Aroclor-1260	ug/L	NC		0.047	U	0.047	U	0.047	U	0.047	U	
PCBs, Total	ug/L	0.09		**0.156**		**0.026**	**J**	0.047	U	0.047	U	
Metals, Unfiltered*												
Iron	ug/L	300		**1,640**		**10,300**		**3,250**		**754**		
Manganese	ug/L	300		**1,560**		**5,750**		**1,410**		**116**		
Sodium	ug/L	20,000		**15,700**		**21,000**		**1,070**		**2,780**		
Thallium	ug/L	0.5		**2.8**	**J**	10	U	10	U	10	U	
Metals, Filtered*												
Iron	ug/L	300		**20.3**	**J**	**69.2**	**J**	**355**		**355**		
Manganese	ug/L	300		**537**		**172**		**82.4**		**5.7**	**J**	
Sodium	ug/L	20,000		**15,900**		**20,700**		**1,060**		**2,840**		
PFOA and PFOS**												
Perfluorooctanoic acid (PFOA)	ng/L	70		**130**		**110**		**7.8**		**5.7**		
Perfluorooctanesulfonic acid (PFOS)	ng/L	70		**100**		**100**		**33**		**48**		
PFOA + PFOS	ng/L	70		**230**		**210**		**40.8**		**53.7**		

Notes:

ug/L - micrograms per liter.

ng/L - nanograms per liter.

J - Estimated value.

U - Compound was not detected at specified quantitation limit.

NC - No NYSDEC standard exists for this analyte.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the Standard/Guidance Value.

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class A Surface Water.

** - USEPA Drinking Water Health Advisory.

Table 4
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Class A SGVs in Sediment

		Sample Location:	**FT-SD-201**		**FT-SD-202**		**FT-SD-203**		**FT-SD-204**		**FT-SD-205**		**FT-SD-206**		**FT-SD-207**	
		Sample Depth:	0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft	
		Sample Date:	5/23/2017		5/23/2017		5/23/2017		5/23/2017		5/23/2017		5/23/2017		5/23/2017	
		Matrix:	Sediment		Sediment		Sediment		Sediment		Sediment		Sediment		Sediment	
Parameter	**Unit**	**Class A SGV**														
Polychlorinated Biphenyls (PCBs)																
Aroclor-1016	mg/kg	NC	0.047	U	0.041	U	0.047	U	0.054	U	0.052	U	0.046	U	0.48	U
Aroclor-1221	mg/kg	NC	0.095	U	0.082	U	0.096	U	0.11	U	0.11	U	0.094	U	0.97	U
Aroclor-1232	mg/kg	NC	0.047	U	0.041	U	0.047	U	0.054	U	0.052	U	0.046	U	0.48	U
Aroclor-1242	mg/kg	NC	0.047	U	0.041	U	0.047	U	0.054	U	0.052	U	0.046	U	0.48	U
Aroclor-1248	mg/kg	NC	0.047	U	0.041	U	0.047	U	0.054	U	0.052	U	0.046	U	**2.1**	
Aroclor-1254	mg/kg	NC	0.047	U	0.041	U	0.047	U	0.054	U	0.052	U	0.046	U	**3.5**	
Aroclor-1260	mg/kg	NC	0.047	U	0.041	U	0.047	U	0.054	U	0.052	U	0.046	U	**0.84**	
PCBs, Total	mg/kg	0.1	0.047	U	0.041	U	0.047	U	0.054	U	0.052	U	0.046	U	**6.44**	
Pesticides																
4,4'-DDT	mg/kg	0.044	0.0024	U	0.0021	U	0.0024	U	0.0028	U	0.0027	U	0.0024	U	**0.095**	
Endosulfan II	mg/kg	0.001(b)	0.0024	U	0.0021	U	0.0024	U	0.0028	U	0.0027	U	0.0024	U	0.0099	U
Heptachlor epoxide	mg/kg	0.015	0.0024	U	0.0021	U	0.0024	U	0.0028	U	0.0027	U	0.0024	U	**0.037**	
Metals																
Arsenic	mg/kg	10	**4.5**		**2**		**0.757**	**J**	**5.5**		**4.4**		**11.6**		**8.9**	
Cadmium	mg/kg	1	0.7	U	0.591	U	0.701	U	0.808	U	0.792	U	0.67	U	**22.7**	
Chromium	mg/kg	43	**14.8**		**22.6**		**4.4**		**23.8**		**25.2**		**23.4**		**60.1**	
Lead	mg/kg	36	**7.6**		**5.4**	**J**	**1.2**	**J**	**7.6**	**J**	**8.7**		**7.3**		**1,380**	
Mercury	mg/kg	0.2	**0.047**		**0.023**	**J**	**0.007**	**J**	**0.087**		**0.083**		**0.049**		**2.1**	
Nickel	mg/kg	23	**4.2**	**J**	**13.5**		**3.9**	**J**	**14.1**		**14.5**		**9.7**		**162**	
Silver	mg/kg	1	1.4	U	1.2	U	1.4	U	1.6	U	1.6	U	1.3	U	**5.4**	
Zinc	mg/kg	120	**24.2**		**34.7**		**12.3**		**46.8**		**44.2**		**30.6**		**3,230**	

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

J - Estimated value.

SGV - Freshwater Sediment Guidance Value (Class A), "Screening and Assessment of Contaminated Sediment", NYSDEC, Table 5, June 24, 2014.

(b) - Value for endosulfan used.

U - Analyte was not detected above laboratory quantitation limit.

NC - No NYSDEC standard exists for this analyte.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the Standard/Guidance Value.

Table 4
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Class A SGVs in Sediment

		Sample Location:	**FT-WS/SD-208**		**FT-SD-209**		**FT-WS/SD-210**		**FT-SD-211**		**FT-SD-212**	
		Sample Depth:	0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft	
		Sample Date:	5/23/2017		5/23/2017		5/24/2017		5/24/2017		5/24/2017	
		Matrix:	Sediment		Sediment		Sediment		Sediment		Sediment	
Parameter	**Unit**	**Class A SGV**										
Polychlorinated Biphenyls (PCBs)												
Aroclor-1016	mg/kg	NC	0.063	U	0.041	U	0.043	U	0.046	U	0.067	U
Aroclor-1221	mg/kg	NC	0.13	U	0.083	U	0.087	U	0.092	U	0.14	U
Aroclor-1232	mg/kg	NC	0.063	U	0.041	U	0.043	U	0.046	U	0.067	U
Aroclor-1242	mg/kg	NC	0.063	U	0.041	U	0.043	U	0.046	U	0.067	U
Aroclor-1248	mg/kg	NC	0.063	U	0.041	U	0.043	U	0.046	U	0.067	U
Aroclor-1254	mg/kg	NC	**0.08**		0.041	U	0.043	U	0.046	U	0.067	U
Aroclor-1260	mg/kg	NC	0.063	U	0.041	U	0.043	U	0.046	U	0.067	U
PCBs, Total	mg/kg	0.1	**0.08**		0.041	U	0.043	U	0.046	U	0.067	U
Pesticides												
4,4'-DDT	mg/kg	0.044	0.0033	U	0.0021	U	0.0022	U	0.0023	U	0.0034	U
Endosulfan II	mg/kg	0.001(b)	**0.0024**	**J**	0.0021	U	0.0022	U	0.0023	U	0.0034	U
Heptachlor epoxide	mg/kg	0.015	0.0033	U	0.0021	U	0.0022	U	0.0023	U	0.0034	U
Metals												
Arsenic	mg/kg	10	**9**		**1.2**	**J**	**1.4**		**2.3**		**2.8**	
Cadmium	mg/kg	1	0.925	U	0.605	U	0.641	U	0.672	U	1	U
Chromium	mg/kg	43	**15.5**		**10.3**		**7.3**		**7.4**		**10.8**	
Lead	mg/kg	36	**5.5**	**J**	**4.2**	**J**	**3.1**	**J**	**6**	**J**	**2.4**	**J**
Mercury	mg/kg	0.2	**0.044**	**J**	**0.019**	**J**	**0.014**	**J**	**0.06**		**0.027**	**J**
Nickel	mg/kg	23	**9.4**		**5.6**		**5.8**		**3.4**	**J**	**7.9**	**J**
Silver	mg/kg	1	1.9	U	1.2	U	1.3	U	1.3	U	2	U
Zinc	mg/kg	120	**30.2**		**18.9**		**19.5**		**12.4**		**21**	

Notes:

mg/kg - milligrams per kilogram (dry weight) or parts per million (ppm).

J - Estimated value.

SGV - Freshwater Sediment Guidance Value (Class A), "Screening and Assessment of Contaminated Sediment", NYSDEC, Table 5, June 24, 2014.

(b) - Value for endosulfan used.

U - Analyte was not detected above laboratory quantitation limit.

NC - No NYSDEC standard exists for this analyte.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the Standard/Guidance Value.

Table 5
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Class GA Values and Health Advisory Levels in Groundwater - Monitoring Well Samples

			Sample Location:	FT-MW-001		FT-MW-101		FT-MW-102		FT-MW-103	
			Sample Date:	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017	7/11/2017
			Matrix:	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater	Groundwater
Parameter	**Unit**	**Criteria**		Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
Volatile Organic Compounds (VOCs)*											
Benzene	ug/L	1		1.0 U	NA	**3.6**	NA	**4.7**	NA	**7.4**	NA
Ethylbenzene	ug/L	5		1.0 U	NA	**1.4**	NA	**4.1**	NA	**16**	NA
m/p-Xylene	ug/L	5(b)		2.0 U	NA	**13**	NA	**2.6**	NA	**13**	NA
o-Xylene	ug/L	5(b)		1.0 U	NA	**4.4**	NA	**2.4**	NA	**13**	NA
Semi-Volatile Organic Compounds (SVOCs)*											
3,4-Methylphenol	ug/L	1(d)		9.4 U	NA	**5.9 J**	NA	9.4 U	NA	19 U	NA
Bis(2-ethylhexyl)phthalate	ug/L	5		9.4 U	NA	**77**	NA	**27**	NA	**160**	NA
Polychlorinated Biphenyls (PCBs)*											
Aroclor-1016	ug/L	NC		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1221	ug/L	NC		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1232	ug/L	NC		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1242	ug/L	NC		0.050 U	0.050 U	**0.84**	**0.064**	**0.29**	0.050 U	**0.81**	**0.60**
Aroclor-1248	ug/L	NC		0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1254	ug/L	NC		0.050 U	0.050 U	**0.49**	0.050 U	**0.046 J**	0.050 U	**0.45**	**0.39**
Aroclor-1260	ug/L	NC		0.050 U	0.050 U	**0.23**	0.050 U	0.050 U	0.050 U	**0.12**	**0.12**
PCBs, Total	ug/L	0.09		0.050 U	0.050 U	**1.56**	**0.064**	**0.336 J**	0.050 U	**1.38**	**1.11**
Metals*											
Barium	ug/L	1000		**27.6**	**17 J**	**2,180**	**2,080**	**2,540**	**2,580**	**1,420**	**1,390**
Iron	ug/L	300		**15,700**	**223**	**18,100**	**16,600**	**8,160**	**7,850**	**6,100**	**5,320**
Lead	ug/L	25		5 U	5 U	**5.7**	5 U	**11.9**	5 U	**63.9**	**7.3**
Magnesium	ug/L	35000		**733 J**	**602 J**	**15,400**	**15,300**	**19,500**	**19,700**	**21,400**	**21,200**
Manganese	ug/L	300		**228**	**168**	**383**	**415**	**47.2**	**44.8**	**55.2**	**49**
Sodium	ug/L	20000		**522 J**	**671 J**	**88,000**	**87,900**	**33,700**	**34,400**	**157,000**	**152,000**
PFOA and PFOS**											
Perfluorooctanoic acid (PFOA)	ng/L	70		2.0 U	NA	**150**	NA	**74**	NA	**400**	NA
Perfluorooctanesulfonic acid (PFOS)	ng/L	70		2.0 U	NA	**50**	NA	**77**	NA	**160**	NA
PFOA + PFOS	ng/L	70		2.0 U	NA	**200**	NA	**151**	NA	**560**	NA

Notes:

ug/L - micrograms per liter.

ng/L - nanograms per liter

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

U - Compound was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the Standard/Guidance Value.

(b) - criteria applicable to xylene (total), the sum of the xylene isomers.

(d) - criteria applicable to total phenolics.

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water.

** - USEPA Drinking Water Health Advisory Level.

Table 5
New York State Department of Environmental Conservation
Former Fortino Tire Landfill Site
West Monroe, New York
Summary of Exceedances of Class GA Values and Health Advisory Levels in Groundwater - Monitoring Well Samples

			Sample Location:				FT-MW-104				FT-MW-105				FT-MW-106			
			Sample Date:	7/11/2017		7/11/2017		7/11/2017		7/11/2017		7/11/2017		7/11/2017	
			Matrix:	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
				Unfiltered		Filtered		Unfiltered		Filtered		Unfiltered		Filtered	
Parameter	**Unit**	**Criteria**													
Volatile Organic Compounds (VOCs)*															
Benzene	ug/L	1		**5.1**		NA		**1.3**		NA		1.0	U	NA	
Ethylbenzene	ug/L	5		**0.73**	**J**	NA		**0.33**	**J**	NA		1.0	U	NA	
m/p-Xylene	ug/L	5(b)		**0.47**	**J**	NA		**1.8**	**J**	NA		2.0	U	NA	
o-Xylene	ug/L	5(b)		**0.34**	**J**	NA		**1.6**		NA		1.0	U	NA	
Semi-Volatile Organic Compounds (SVOCs)*															
3,4-Methylphenol	ug/L	1(d)		9.4	U	NA		9.4	U	NA		9.4	U	NA	
Bis(2-ethylhexyl)phthalate	ug/L	5		9.4	U	NA		**3.7**	**J**	NA		9.4	U	NA	
Polychlorinated Biphenyls (PCBs)*															
Aroclor-1016	ug/L	NC		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor-1221	ug/L	NC		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor-1232	ug/L	NC		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor-1242	ug/L	NC		**0.74**		0.050	U	**0.34**		0.050	U	**0.10**		0.050	U
Aroclor-1248	ug/L	NC		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
Aroclor-1254	ug/L	NC		**0.040**	**J**	0.050	U	**0.038**	**J**	0.050	U	**0.051**		0.050	U
Aroclor-1260	ug/L	NC		0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
PCBs, Total	ug/L	0.09		**0.74**	**J**	0.050	U	**0.378**	**J**	0.050	U	**0.151**		0.050	U
Metals*															
Barium	ug/L	1000		**568**		**539**		**429**		**421**		**606**		**154**	
Iron	ug/L	300		**28,000**		**23,200**		**20,800**		**20,800**		**66,200**		**535**	
Lead	ug/L	25		**4**	**J**	5	U	5	U	5	U	**36**		5	U
Magnesium	ug/L	35000		**43,200**		**42,900**		**15,900**		**15,800**		**23,100**		**12,400**	
Manganese	ug/L	300		**32,400**		**31,100**		**3,120**		**3,090**		**12,000**		**7,920**	
Sodium	ug/L	20000		**22,500**		**22,600**		**13,300**		**13,300**		**72,100**		**56,100**	
PFOA and PFOS**															
Perfluorooctanoic acid (PFOA)	ng/L	70		**120**		NA		**42**		NA		**36**		NA	
Perfluorooctanesulfonic acid (PFOS)	ng/L	70		**55**		NA		**71**		NA		**3.6**		NA	
PFOA + PFOS	ng/L	70		**175**		NA		**113**		NA		**39.6**		NA	

Notes:

ug/L - micrograms per liter.

ng/L - nanograms per liter

J - Estimated value.

NA - Sample not analyzed for the listed analyte.

U - Compound was not detected at specified quantitation limit.

Bold indicates the compound or analyte was detected (only compounds and analytes with exceedances are listed).

Shading indicates result above the Standard/Guidance Value.

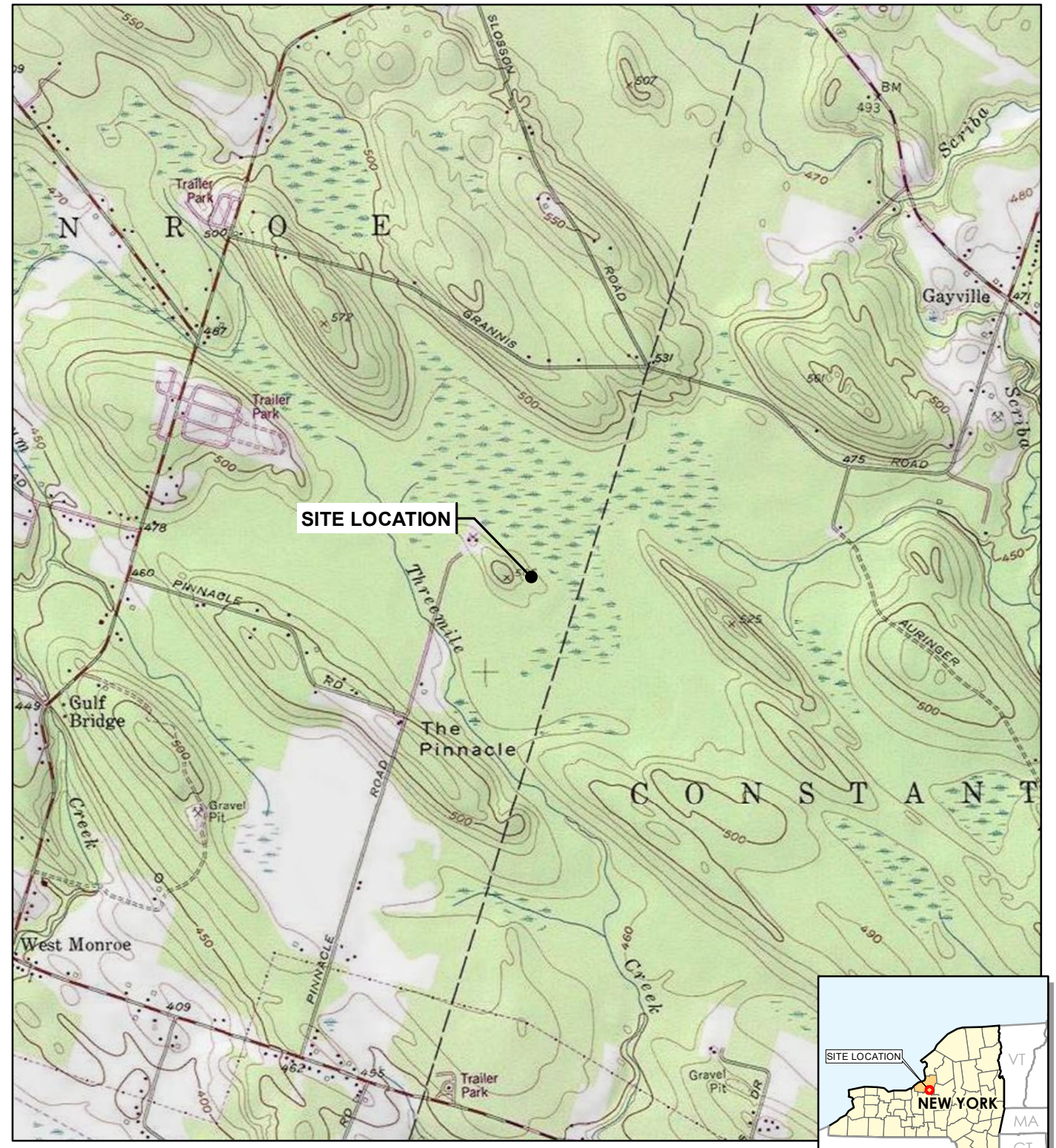
(b) - criteria applicable to xylene (total), the sum of the xylene isomers.

(d) - criteria applicable to total phenolics.

* - NYSDEC Ambient Water Quality Standards and Guidance Values for Class GA water.

** - USEPA Drinking Water Health Advisory Level.

FIGURES



BASE MAP FROM USGS 7.5 MINUTE TOPOGRAPHIC QUADRANGLE SERIES.

N

1 " = 2,000 '
1:24,000

0 2,000 4,000
FEET

TRC
2801 Wehrle Drive
Suite 8
Williamsville, NY 14221
Phone: 716.204.9543
TRC - GIS

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER FORTINO TIRE LANDFILL SITE
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK 13167

TITLE:
SITE LOCATION MAP

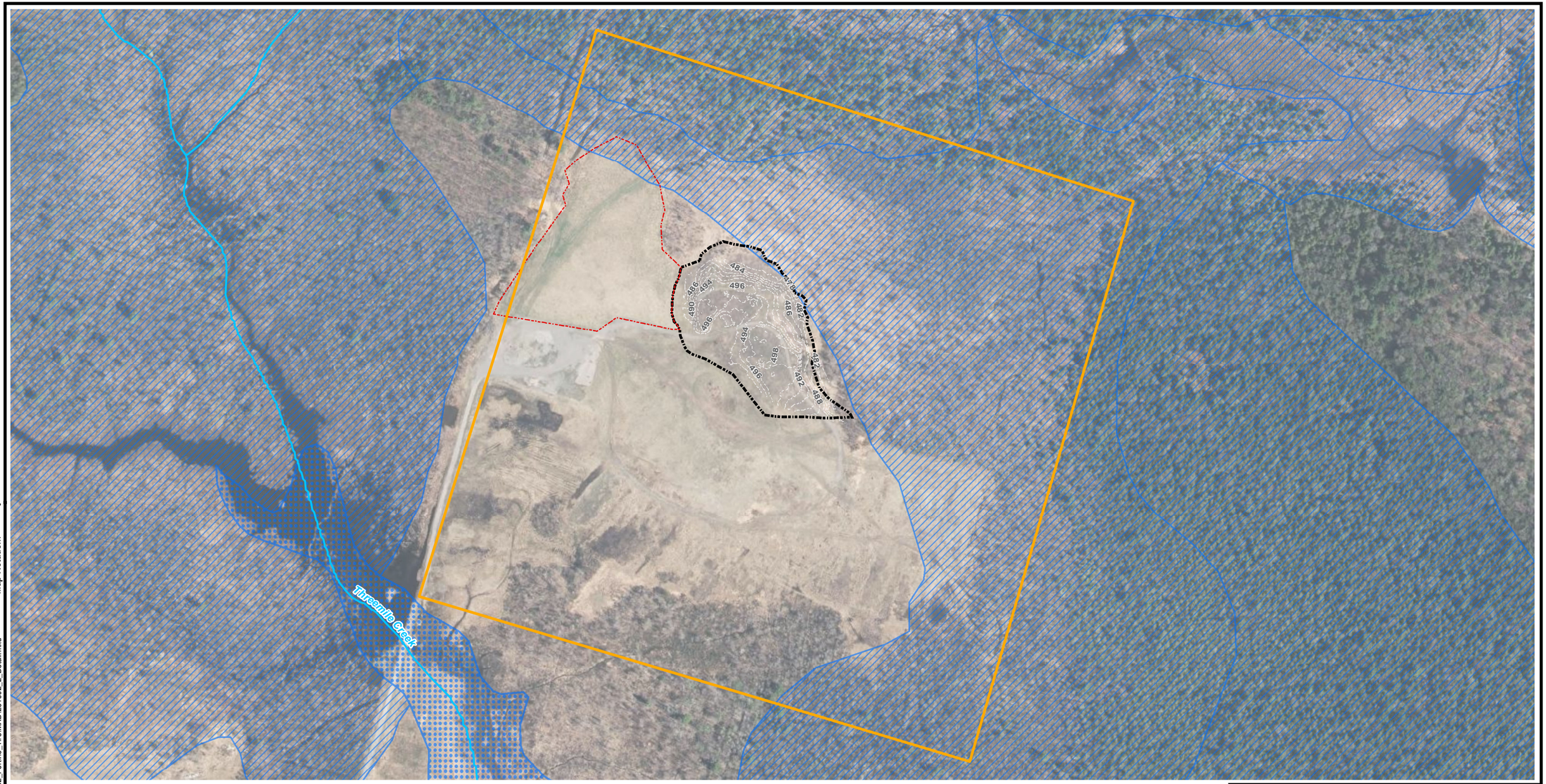
DRAWN BY:	M. REEVES
CHECKED BY:	R. JORREY
APPROVED BY:	K. SULLIVAN
DATE:	JANUARY 2018
PROJ. NO.:	251592
FILE:	251592_1.mxd

FIGURE 1

S:\1-PROJECTS\NYSDEC\251592_Fortino_Tire\MXD\251592_1.mxd -- Saved By: MREEVES on 1/15/2018, 10:59:19 AM

TRC - GIS

Coordinate System: NAD 1983 2011 StatePlane New York Central FIPS 3102 Ft US (Foot US)
Map Rotation: 0
Plot Date: 1/25/2018, 09:35:26 AM by MREEVES -- LAYOUT: ANSI B(11"x17")
Path: \\apaenvfile01\GIS\1-PROJECTS\NYSDEC\251592_Fortino_Tire\MXD\251592_2_Detail.mxd



LEGEND

- EXTENT OF CAPPED LANDFILL (APPROXIMATE)
- LIMITS OF AUTOMOBILE SHREDDER RESIDUE WASTE (APPROXIMATE)
- 498 GROUND SURFACE ELEVATION CONTOUR IN FT (M.J. LAND SURVEY)
- PARCEL BOUNDARY (APPROXIMATE)
- STREAMS / RIVERS (USGS NHD)
- FRESHWATER FORESTED/SHRUB WETLAND (USFWS NWI)
- FRESHWATER EMERGENT WETLAND (USFWS NWI)

N

0 300 600 Feet

SHEET SIZE: 11" x 17" 1 " = 300 '

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER FORTINO TIRE LANDFILL SITE
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK 13167

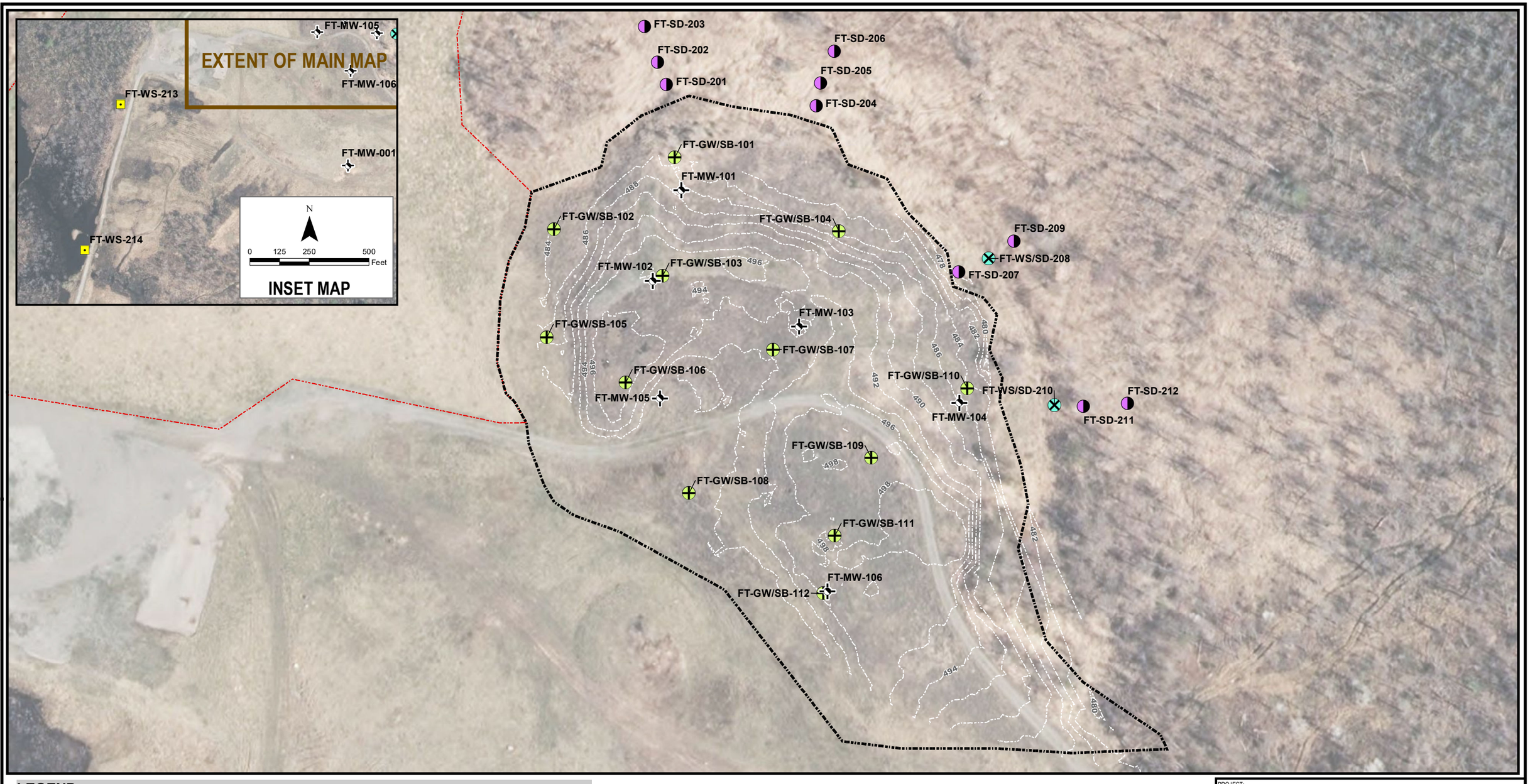
TITLE:
PROJECT SITE PLAN

DRAWN BY:	M. REEVES	PROJ NO.:	251592
CHECKED BY:	R. JORREY		
APPROVED BY:	K. SULLIVAN		
DATE:	JANUARY 2018		

FIGURE 2

TRC
2801 Wehrle Drive
Suite 8
Williamsville, NY 14221
Phone: 716.204.9543

FILE NO.: 251592_2_Detail.mxd



LEGEND

- EXTENT OF CAPPED LANDFILL (APPROXIMATE)
- LIMITS OF AUTOMOBILE SHREDDER RESIDUE WASTE (APPROXIMATE)
- 498 GROUND SURFACE ELEVATION CONTOUR IN FT (M.J. LAND SURVEY)
- MONITORING WELL
- SEDIMENT AND SURFACE WATER SAMPLE LOCATION
- SURFACE WATER SAMPLE LOCATION
- SEDIMENT SAMPLE LOCATION
- DIRECT-PUSH SAMPLE LOCATION

N

0 80 160 Feet

SHEET SIZE: 11" x 17" 1 " = 80 '

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER FORTINO TIRE LANDFILL SITE
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK 13167

TITLE:
SAMPLE LOCATION MAP

DRAWN BY:	M. REEVES	PROJ NO.:	251592
CHECKED BY:	R. JORREY		
APPROVED BY:	K. SULLIVAN		
DATE:	JANUARY 2018		

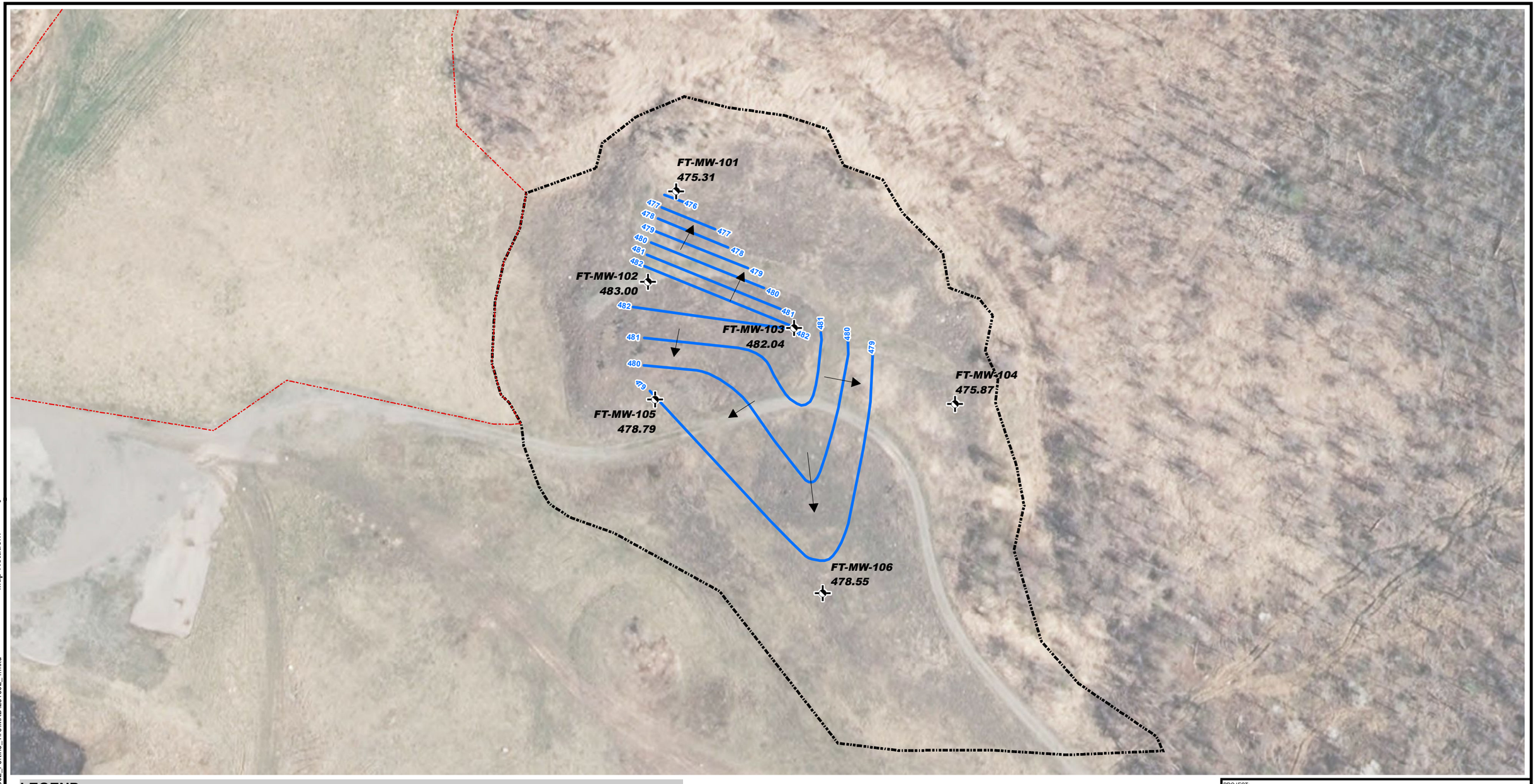
FIGURE 3

TRC
2801 Wehrle Drive
Suite 8
Williamsville, NY 14221
Phone: 716.204.9543

FILE NO.: 251592_3_SamplingPlan.mxd

Plot Date: 1/25/2018, 09:40:03 AM by MREEVES -- LAYOUT: ANSI B(11"x17")
Path: \\apaenvfile01\GIS\1-PROJECTS\NYSDEC\251592_Fortino_Tire\MXD\251592_3_SamplingPlan.mxd
Coordinate System: NAD 1983 2011 StatePlane New York Central FIPS 3102 Ft US (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- EXTENT OF CAPPED LANDFILL (APPROXIMATE)
- LIMITS OF AUTOMOBILE SHREDDER RESIDUE WASTE (APPROXIMATE)
- INFERRED DIRECTION OF GROUNDWATER FLOW
- GROUNDWATER SURFACE ELEVATION CONTOUR
- MONITORING WELL
- ***478.55*** GROUNDWATER SURFACE ELEVATION (FEET)

N

0 80 160 Feet

SHEET SIZE: 11" x 17" 1 " = 80 '

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER FORTINO TIRE LANDFILL SITE
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK 13167

TITLE:
GROUNDWATER SURFACE ELEVATION CONTOUR MAP
JULY 2017

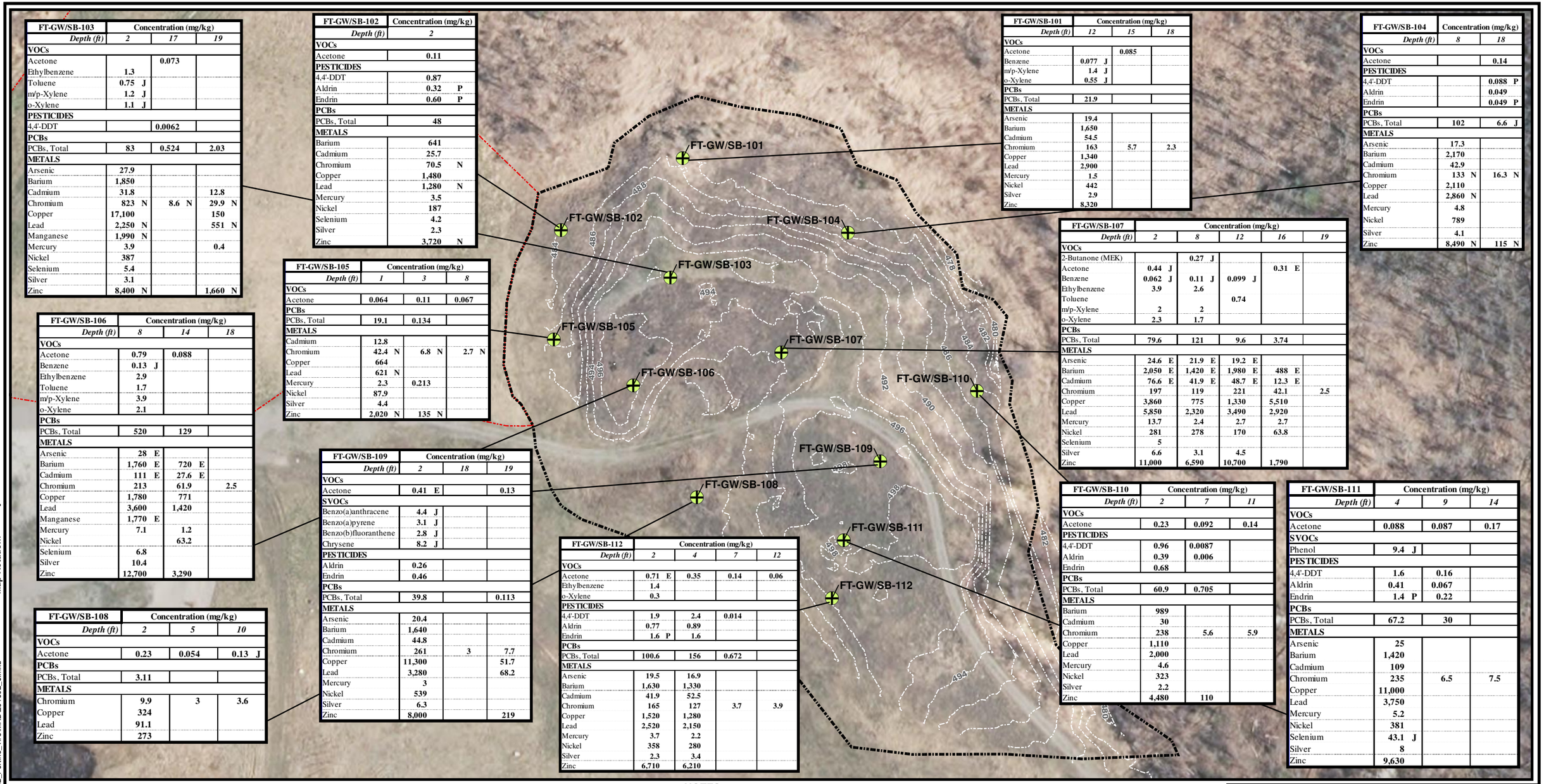
DRAWN BY:	M. REEVES	PROJ NO.:	251592
CHECKED BY:	R. JORREY		
APPROVED BY:	K. SULLIVAN		**FIGURE 4**
DATE:	JANUARY 2018		

TRC
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FILE NO.: 251592_4.mxd

Plot Date: 1/25/2018, 09:45:00 AM by MREEVES -- LAYOUT: ANSI B(11"x17")
Path: \\apaenvfile01\GIS\1-PROJECTS\NYSDEC\251592_Fortino_Tire\MXD\251592_4.mxd
Coordinate System: NAD 1983 2011 StatePlane New York Central FIPS 3102 Ft US (Foot US)
Map Rotation: 0

TRC - GIS



FT-GW/SB-103	Concentration (mg/kg)		
Depth (ft)	*2*	*17*	*19*
VOCs			
Acetone		0.073	
Ethylbenzene	1.3		
Toluene	0.75 J		
m/p-Xylene	1.2 J		
o-Xylene	1.1 J		
PESTICIDES			
4,4'-DDT		0.0062	
PCBs			
PCBs, Total	83	0.524	2.03
METALS			
Arsenic	27.9		
Barium	1,850		
Cadmium	31.8		12.8
Chromium	823 N	8.6 N	29.9 N
Copper	17,100		150
Lead	2,250 N		551 N
Manganese	1,990 N		
Mercury	3.9		0.4
Nickel	387		
Selenium	5.4		
Silver	3.1		
Zinc	8,400 N		1,660 N

FT-GW/SB-102	Concentration (mg/kg)
Depth (ft)	*2*
VOCs	
Acetone	0.11
PESTICIDES	
4,4'-DDT	0.87
Aldrin	0.32 P
Endrin	0.60 P
PCBs	
PCBs, Total	48
METALS	
Barium	641
Cadmium	25.7
Chromium	70.5 N
Copper	1,480
Lead	1,280 N
Mercury	3.5
Nickel	187
Selenium	4.2
Silver	2.3
Zinc	3,720 N

FT-GW/SB-101	Concentration (mg/kg)		
Depth (ft)	*12*	*15*	*18*
VOCs			
Acetone		0.085	
Benzene	0.077 J		
m/p-Xylene	1.4 J		
o-Xylene	0.55 J		
PCBs			
PCBs, Total	21.9		
METALS			
Arsenic	19.4		
Barium	1,650		
Cadmium	54.5		
Chromium	163	5.7	2.3
Copper	1,340		
Lead	2,900		
Mercury	1.5		
Nickel	442		
Silver	2.9		
Zinc	8,320		

FT-GW/SB-104	Concentration (mg/kg)	
Depth (ft)	*8*	*18*
VOCs		
Acetone		0.14
PESTICIDES		
4,4'-DDT		0.088 P
Aldrin		0.049
Endrin		0.049 P
PCBs		
PCBs, Total	102	6.6 J
METALS		
Arsenic	17.3	
Barium	2,170	
Cadmium	42.9	
Chromium	133 N	16.3 N
Copper	2,110	
Lead	2,860 N	
Mercury	4.8	
Nickel	789	
Silver	4.1	
Zinc	8,490 N	115 N

FT-GW/SB-105	Concentration (mg/kg)		
Depth (ft)	*1*	*3*	*8*
VOCs			
Acetone	0.064	0.11	0.067
PCBs			
PCBs, Total	19.1	0.134	
METALS			
Cadmium	12.8		
Chromium	42.4 N	6.8 N	2.7 N
Copper	664		
Lead	621 N		
Mercury	2.3	0.213	
Nickel	87.9		
Silver	4.4		
Zinc	2,020 N	135 N	

FT-GW/SB-106	Concentration (mg/kg)		
Depth (ft)	*8*	*14*	*18*
VOCs			
Acetone	0.79	0.088	
Benzene	0.13 J		
Ethylbenzene	2.9		
Toluene	1.7		
m/p-Xylene	3.9		
o-Xylene	2.1		
PCBs			
PCBs, Total	520	129	
METALS			
Arsenic	28 E		
Barium	1,760 E	720 E	
Cadmium	111 E	27.6 E	
Chromium	213	61.9	2.5
Copper	1,780	771	
Lead	3,600	1,420	
Manganese	1,770 E		
Mercury	7.1	1.2	
Nickel		63.2	
Selenium	6.8		
Silver	10.4		
Zinc	12,700	3,290	

FT-GW/SB-107	Concentration (mg/kg)				
Depth (ft)	*2*	*8*	*12*	*16*	*19*
VOCs					
2-Butanone (MEK)		0.27 J			
Acetone	0.44 J			0.31 E	
Benzene	0.062 J	0.11 J	0.099 J		
Ethylbenzene	3.9	2.6			
Toluene			0.74		
m/p-Xylene	2	2			
o-Xylene	2.3	1.7			
PCBs					
PCBs, Total	79.6	121	9.6	3.74	
METALS					
Arsenic	24.6 E	21.9 E	19.2 E		
Barium	2,050 E	1,420 E	1,980 E	488 E	
Cadmium	76.6 E	41.9 E	48.7 E	12.3 E	
Chromium	197	119	221	42.1	2.5
Copper	3,860	775	1,330	5,510	
Lead	5,850	2,320	3,490	2,920	
Mercury	13.7	2.4	2.7	2.7	
Nickel	281	278	170	63.8	
Selenium	5				
Silver	6.6	3.1	4.5		
Zinc	11,000	6,590	10,700	1,790	

FT-GW/SB-109	Concentration (mg/kg)		
Depth (ft)	*2*	*18*	*19*
VOCs			
Acetone	0.41 E		0.13
SVOCs			
Benzo(a)anthracene	4.4 J		
Benzo(a)pyrene	3.1 J		
Benzo(b)fluoranthene	2.8 J		
Chrysene	8.2 J		
PESTICIDES			
Aldrin	0.26		
Endrin	0.46		
PCBs			
PCBs, Total	39.8		0.113
METALS			
Arsenic	20.4		
Barium	1,640		
Cadmium	44.8		
Chromium	261	3	7.7
Copper	11,300		51.7
Lead	3,280		68.2
Mercury	3		
Nickel	539		
Silver	6.3		
Zinc	8,000		219

FT-GW/SB-110	Concentration (mg/kg)		
Depth (ft)	*2*	*7*	*11*
VOCs			
Acetone	0.23	0.092	0.14
PESTICIDES			
4,4'-DDT	0.96	0.0087	
Aldrin	0.39	0.006	
Endrin	0.68		
PCBs			
PCBs, Total	60.9	0.705	
METALS			
Barium	989		
Cadmium	30		
Chromium	238	5.6	5.9
Copper	1,110		
Lead	2,000		
Mercury	4.6		
Nickel	323		
Silver	2.2		
Zinc	4,480	110	

FT-GW/SB-111	Concentration (mg/kg)		
Depth (ft)	*4*	*9*	*14*
VOCs			
Acetone	0.088	0.087	0.17
SVOCs			
Phenol	9.4 J		
PESTICIDES			
4,4'-DDT	1.6	0.16	
Aldrin	0.41	0.067	
Endrin	1.4 P	0.22	
PCBs			
PCBs, Total	67.2	30	
METALS			
Arsenic	25		
Barium	1,420		
Cadmium	109		
Chromium	235	6.5	7.5
Copper	11,000		
Lead	3,750		
Mercury	5.2		
Nickel	381		
Selenium	43.1 J		
Silver	8		
Zinc	9,630		

FT-GW/SB-112	Concentration (mg/kg)			
Depth (ft)	*2*	*4*	*7*	*12*
VOCs				
Acetone	0.71 E	0.35	0.14	0.06
Ethylbenzene	1.4			
o-Xylene	0.3			
PESTICIDES				
4,4'-DDT	1.9	2.4	0.014	
Aldrin	0.77	0.89		
Endrin	1.6 P	1.6		
PCBs				
PCBs, Total	100.6	156	0.672	
METALS				
Arsenic	19.5	16.9		
Barium	1,630	1,330		
Cadmium	41.9	52.5		
Chromium	165	127	3.7	3.9
Copper	1,520	1,280		
Lead	2,520	2,150		
Mercury	3.7	2.2		
Nickel	358	280		
Silver	2.3	3.4		
Zinc	6,710	6,210		

FT-GW/SB-108	Concentration (mg/kg)		
Depth (ft)	*2*	*5*	*10*
VOCs			
Acetone	0.23	0.054	0.13 J
PCBs			
PCBs, Total	3.11		
METALS			
Chromium	9.9	3	3.6
Copper	324		
Lead	91.1		
Zinc	273		

LEGEND

- EXTENT OF CAPPED LANDFILL (APPROXIMATE)
- LIMITS OF AUTOMOBILE SHREDDER RESIDUE WASTE (APPROXIMATE)
- 498 GROUND SURFACE ELEVATION CONTOUR IN FT (M.J. LAND SURVEY)
- DIRECT-PUSH SAMPLE LOCATION

6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives			
Compound	*Concentration (mg/kg)*	*Compound*	*Concentration (mg/kg)*
VOCs		**PCBs**	
2-Butanone (MEK)	0.12	PCBs, Total	0.1
Acetone	0.05	**METALS**	
Benzene	0.06	Arsenic	13
Ethylbenzene	1	Barium	350
Toluene	0.7	Cadmium	2.5
m/p-Xylene	0.26(a)	Chromium	1
o-Xylene	0.26(a)	Copper	50
SVOCs		Lead	63
Benzo(a)anthracene	1	Manganese	1600
Benzo(a)pyrene	1	Mercury	0.18
Benzo(b)fluoranthene	1	Nickel	30
Chrysene	1	Selenium	3.9
Phenol	0.33	Silver	2
PESTICIDES		Zinc	109
4,4'-DDT	0.0033		
Aldrin	0.005		
Endrin	0.014		

NOTES

1. ANALYTICAL DATA SHOWN EXCEEDS THE NYSDEC UNRESTRICTED USE SOIL CLEANUP OBJECTIVES (SCOs).
2. ANALYTICAL DATA QUALIFIERS ARE DEFINED ON TABLE 1.
3. MG/KG - MILLIGRAMS PER KILOGRAM
4. FT – FEET

(a) CRITERIA APPLICABLE TO XYLENE (TOTAL), THE SUM OF THE XYLENE ISOMERS.

N

0 80 160 Feet

SHEET SIZE: 11" x 17" 1 " = 80 '

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER FORTINO TIRE LANDFILL SITE
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK 13167

TITLE:
SUMMARY OF EXCEEDANCES OF UNRESTRICTED USE SCOs IN SOIL - DECEMBER 2016

DRAWN BY:	M. REEVES	PROJ NO.:	251592
CHECKED BY:	R. JORREY		
APPROVED BY:	K. SULLIVAN		**FIGURE 5**
DATE:	JANUARY 2018		

TRC
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Phone: 716.204.9543

FILE NO.: 251592_5.mxd

Base Map Imagery Source: www.orthos.dhses.ny.gov (April 2015)

Plot Date: 1/25/2018, 15:39:40 PM by MREEVES -- LAYOUT: ANSI B(11"x17")
Path: \\apaenvfile01\GIS\1-PROJECTS\NYSDEC\251592_Fortino_TireMXD\251592_5.mxd
Coordinate System: NAD 1983 2011 StatePlane New York Central FIPS 3102 Ft US (Foot US)
Map Rotation: 0

TRC - GIS

TRC - GIS
Coordinate System: NAD 1983 2011 StatePlane New York Central FIPS 3102 Ft US (Foot US)
Map Rotation: 0
Plot Date: 1/25/2018, 10:22:47 AM by MREEVES -- LAYOUT: ANSI B (11"x17")
Path: \\apaenvfile01\GIS\1-PROJECTS\NYSDEC\251592_Fortino_Tire\MXD\251592_6.mxd

FT-GW/SB-101	Concentration (ug/L)	
Parameter	*Unfiltered*	*Filtered*
VOCs		
Benzene	7.2	
m/p-Xylene	14	
PESTICIDES		
Heptachlor	0.052	
PCBs		
PCBs, Total	0.212 J	
METALS		
Barium	2,950	2,920
Iron	22,500 NE	22,100 NE
Sodium	70,700	70,300

FT-GW/SB-103	Concentration (ug/L)	
Parameter	*Unfiltered*	*Filtered*
VOCs		
Benzene	6.1	
SVOCs		
2-Methylphenol	1.6 J	
3,4-Methylphenol	5 J	
Bis(2-ethylhexyl)phthalate	19	
PCBs		
PCBs, Total	1.7	0.97
METALS		
Barium	2,780	2,730
Cadmium	9.7	
Iron	18,000 NE	14,200 NE
Lead	506	229
Sodium	47,800	42,000

FT-GW/SB-105	Concentration (ug/L)	
Parameter	*Unfiltered*	*Filtered*
PCBs		
PCBs, Total	2.49	
METALS		
Iron	1,210 NE	
Manganese	1,120	1,050

FT-GW/SB-106	Concentration (ug/L)
Parameter	*Unfiltered*
PCBs	
PCBs, Total	9.9
METALS	
Antimony	44.4 J
Arsenic	31.7
Barium	4,900
Cadmium	102
Chromium	183
Copper	721
Iron	208,000 NE
Lead	4,830
Magnesium	45,800
Manganese	1,210
Mercury	1.6
Nickel	296
Sodium	197,000
Zinc	13,500 E

FT-GW/SB-109	Concentration (ug/L)	
Parameter	*Unfiltered*	*Filtered*
VOCs		
Benzene	2	
Ethylbenzene	5.9	
SVOCs		
Bis(2-ethylhexyl)phthalate	21	
PCBs		
PCBs, Total	7.01	1.44
METALS		
Antimony		19.5 J
Arsenic		26.5
Barium	3,400	4,790
Cadmium		30.2
Chromium		127
Copper		1,620
Iron	22,300 NE	150,000 NE
Lead	103	1,930
Magnesium		36,500
Manganese		878
Nickel		283
Sodium	42,800	42,700
Zinc		5,250 E

FT-GW/SB-108	Concentration (ug/L)
Parameter	*Unfiltered*
PCBs	
PCBs, Total	0.563

FT-GW/SB-104	Concentration (ug/L)	
Parameter	*Unfiltered*	*Filtered*
VOCs		
Benzene	3.5	
SVOCs		
Bis(2-ethylhexyl)phthalate	76	
PCBs		
PCBs, Total	9.7	1.22
METALS		
Antimony	28.7 J	30.4 J
Arsenic	27.5	25.9
Barium	1,800	1,860
Cadmium	39.6	40.3
Chromium	121	119
Copper	688	685
Iron	191,000 NE	175,000 NE
Lead	2,480	2,470
Magnesium	43,700	41,700
Manganese	3,590	3,970
Mercury	3.9	4.8
Sodium	93,600	97,600
Zinc	6,620 E	6,340 E

FT-GW/SB-107	Concentration (ug/L)	
Parameter	*Unfiltered*	*Filtered*
VOCs		
Benzene	4.8	
Ethylbenzene	6.3	
SVOCs		
Bis(2-ethylhexyl)phthalate	5.7 J	
PCBs		
PCBs, Total	1.72	0.19
METALS		
Barium	2,480	2,520
Iron	14,300 NE	14,300 NE
Lead	80.1	37.5
Sodium	29,100	29,000

FT-GW/SB-110	Concentration (ug/L)	
Parameter	*Unfiltered*	*Filtered*
PCBs		
PCBs, Total	0.129	
METALS		
Arsenic	31.1	
Barium	1,180	
Beryllium	3.2	
Chromium	121	
Copper	333	
Iron	195,000 NE	38,500 NE
Lead	154	
Magnesium	65,500	44,600
Manganese	3,670	3,970
Sodium	24,600	24,100

FT-GW/SB-111	Concentration (ug/L)
Parameter	*Unfiltered*
PCBs	
PCBs, Total	0.486

FT-GW/SB-112	Concentration (ug/L)
Parameter	*Unfiltered*
PCBs	
PCBs, Total	0.871
METALS	
Arsenic	30.1
Barium	1,130
Beryllium	3.9
Chromium	203
Copper	280
Iron	287,000 NE
Lead	310
Magnesium	57,900
Manganese	16,700
Nickel	101
Sodium	44,900

LEGEND

- EXTENT OF CAPPED LANDFILL (APPROXIMATE)
- LIMITS OF AUTOMOBILE SHREDDER RESIDUE WASTE (APPROXIMATE)
- 498 GROUND SURFACE ELEVATION CONTOUR IN FT (M.J. LAND SURVEY)
- DIRECT-PUSH SAMPLE LOCATION

Class GA Standards/Guidance Values (ug/L)			
Parameter	*Class GA Value*	*Parameter*	*Class GA Value*
VOCs		**METALS**	
Benzene	1	Antimony	3
Ethylbenzene	5	Arsenic	25
m/p-Xylene	5(b)	Barium	1000
SVOCs		Beryllium	3
2-Methylphenol	1(d)	Cadmium	5
3,4-Methylphenol	1(d)	Chromium	50
Bis(2-ethylhexyl)phthalate	5	Copper	200
PESTICIDES		Iron	300
Heptachlor	0.04	Lead	25
PCBs		Magnesium	35000
PCBs, Total	0.09	Manganese	300
		Mercury	0.7
		Nickel	100
		Sodium	20000
		Zinc	2000

NOTES

1. ANALYTICAL DATA SHOWN EXCEEDS THE CLASS GA GROUNDWATER STANDARDS OR GUIDANCE VALUES.
2. ANALYTICAL DATA QUALIFIERS ARE DEFINED ON TABLE 2.
3. ug/L = MICROGRAMS PER LITER
4. FT – FEET
(b) CRITERIA APPLICABLE TO XYLENE (TOTAL), THE SUM OF XYLENE ISOMERS
(d) CRITERIA APPLICABLE TO TOTAL PHENOLICS

N

0 80 160 Feet

SHEET SIZE: 11" x 17" 1 " = 80 '

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER FORTINO TIRE LANDFILL SITE
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK 13167

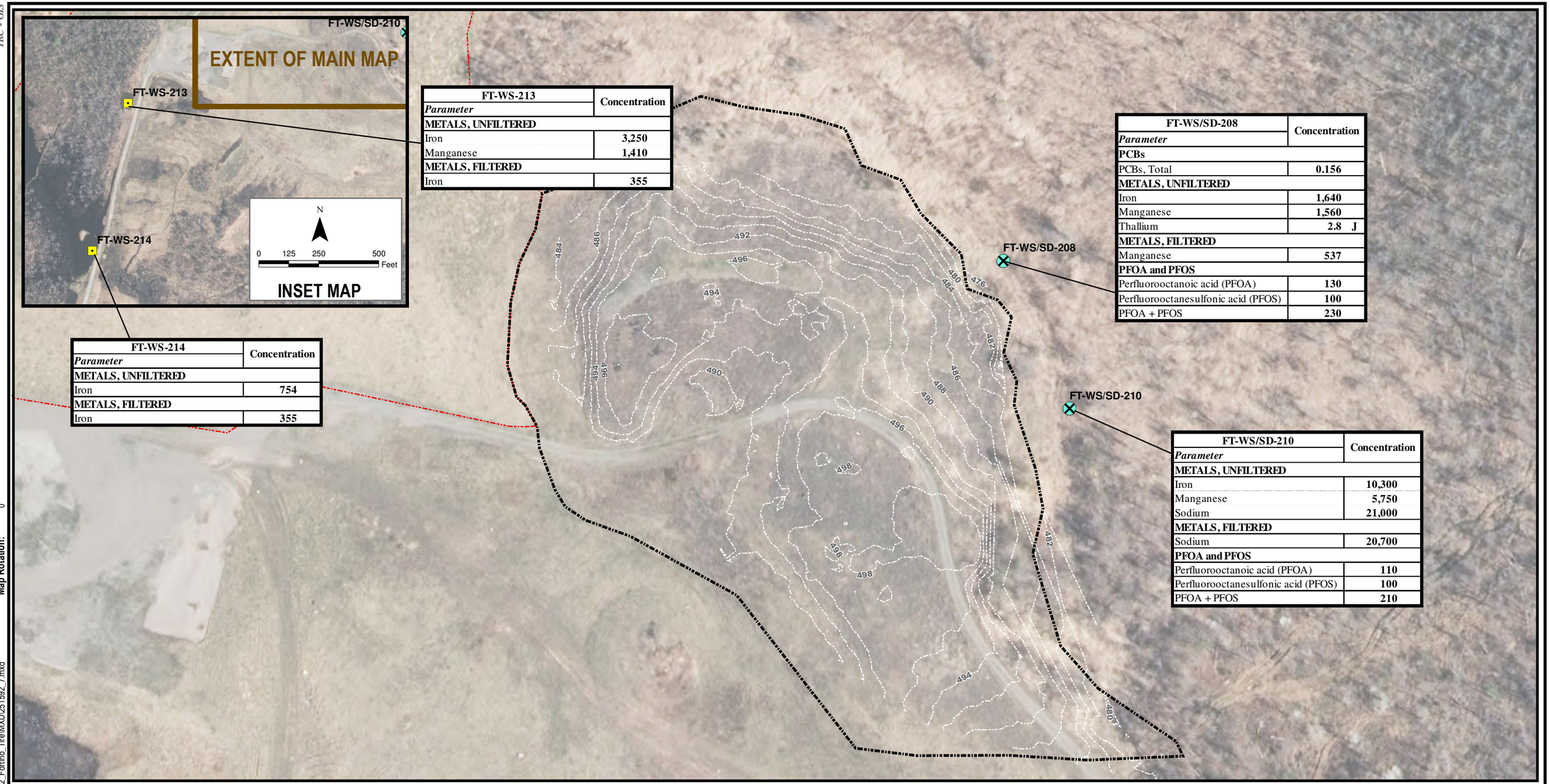
TITLE:
SUMMARY OF EXCEEDANCES OF CLASS GA VALUES IN GROUNDWATER - DIRECT PUSH SAMPLES - DECEMBER 2016

DRAWN BY:	M. REEVES	PROJ NO.:	251592
CHECKED BY:	R. JORREY		
APPROVED BY:	K. SULLIVAN		
DATE:	JANUARY 2018		

FIGURE 6

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FILE NO.: 251592_6.mxd



FT-WS-213	Concentration
Parameter	
METALS, UNFILTERED	
Iron	**3,250**
Manganese	**1,410**
METALS, FILTERED	
Iron	**355**

FT-WS-214	Concentration
Parameter	
METALS, UNFILTERED	
Iron	**754**
METALS, FILTERED	
Iron	**355**

FT-WS/SD-208	Concentration
Parameter	
PCBs	
PCBs, Total	**0.156**
METALS, UNFILTERED	
Iron	**1,640**
Manganese	**1,560**
Thallium	**2.8 J**
METALS, FILTERED	
Manganese	**537**
PFOA and PFOS	
Perfluorooctanoic acid (PFOA)	**130**
Perfluorooctanesulfonic acid (PFOS)	**100**
PFOA + PFOS	**230**

FT-WS/SD-210	Concentration
Parameter	
METALS, UNFILTERED	
Iron	**10,300**
Manganese	**5,750**
Sodium	**21,000**
METALS, FILTERED	
Sodium	**20,700**
PFOA and PFOS	
Perfluorooctanoic acid (PFOA)	**110**
Perfluorooctanesulfonic acid (PFOS)	**100**
PFOA + PFOS	**210**

LEGEND

- EXTENT OF CAPPED LANDFILL (APPROXIMATE)
- LIMITS OF AUTOMOBILE SHREDDER RESIDUE WASTE (APPROXIMATE)
- 498 GROUND SURFACE ELEVATION CONTOUR IN FT (M.J. LAND SURVEY)
- SEDIMENT AND SURFACE WATER SAMPLE LOCATION
- SURFACE WATER SAMPLE LOCATION

SURFACE WATER STANDARDS/GUIDANCE VALUES AND HEALTH ADVISORY LEVELS	
Parameter	*Value*
PCBs (ug/L)	
PCBs, Total	0.09
METALS, UNFILTERED (ug/L)	
Iron	300
Manganese	300
Sodium	20,000
Thallium	0.5
METALS, FILTERED (ug/L)	
Iron	300
Manganese	300
Sodium	20,000
PFOA and PFOS (ng/L)	
Perfluorooctanoic acid (PFOA)	70
Perfluorooctanesulfonic acid (PFOS)	70
PFOA + PFOS	70

NOTES

1. ANALYTICAL DATA SHOWN EXCEEDS THE CLASS A SURFACE WATER STANDARDS OR GUIDANCE VALUES (ug/L).
2. ANALYTICAL DATA SHOWN EXCEEDS THE USEPA DRINKING WATER HEALTH ADVISORY LEVEL (ng/L).
3. ANALYTICAL DATA QUALIFIERS ARE DEFINED ON TABLE 3.
4. ug/L = MICROGRAMS PER LITER
5. ng/L = NANOGRAMS PER LITER
6. FT - FEET

N

0 80 160 Feet

SHEET SIZE: 11" x 17" 1 " = 80 '

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER FORTINO TIRE LANDFILL SITE
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK 13167

TITLE:
SUMMARY OF EXCEEDANCES OF CLASS A VALUES AND HEALTH ADVISORY LEVELS IN SURFACE WATER - MAY 2017

DRAWN BY:	M. REEVES	PROJ NO.:	251592
CHECKED BY:	R. JORREY		
APPROVED BY:	K. SULLIVAN		
DATE:	JANUARY 2018		

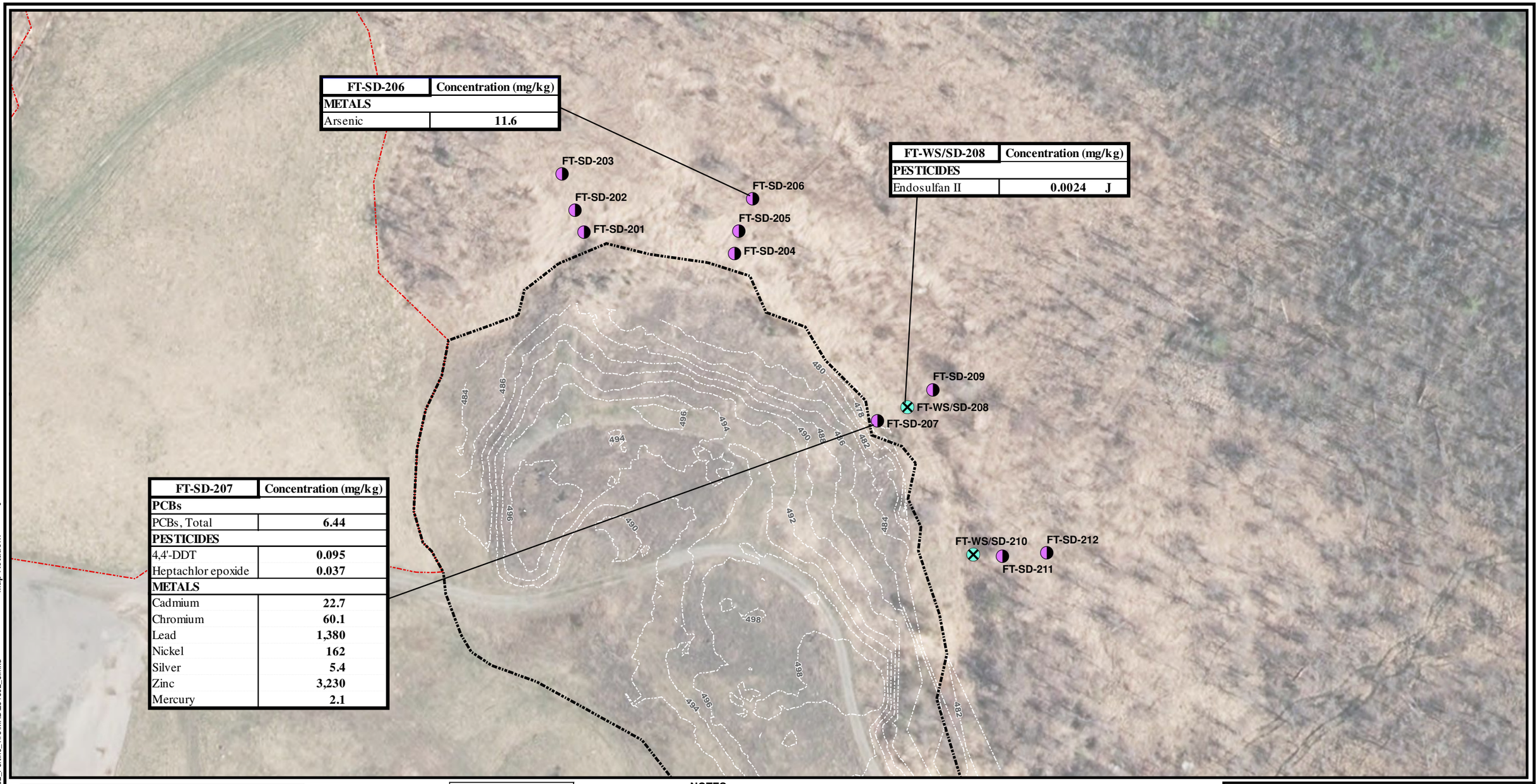
FIGURE 7

TRC
2801 Wehrle Drive
Suite 8
Williamsville, NY 14221
Phone: 716.204.9543

FILE NO.: 251592_7.mxd

Plot Date: 1/25/2018, 15:34:00 PM by MREEVES -- LAYOUT: ANSI B(11"x17")
Path: \\apaenvfile01\GIS\1-PROJECTS\NYSDEC\251592_Fortino_Tire\MXD\251592_7.mxd
Coordinate System: NAD 1983 2011 StatePlane New York Central FIPS 3102 Ft US (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- EXTENT OF CAPPED LANDFILL (APPROXIMATE)
- LIMITS OF AUTOMOBILE SHREDDER RESIDUE WASTE (APPROXIMATE)
- 498 GROUND SURFACE ELEVATION CONTOUR IN FT (M.J. LAND SURVEY)
- SEDIMENT SAMPLE LOCATION
- SEDIMENT AND SURFACE WATER SAMPLE LOCATION

NYSDEC Class A Freshwater Sediment Guidance Values	
Parameter	**Concentration (mg/kg)**
PCBs	
PCBs, Total	0.1
PESTICIDES	
4,4'-DDT	0.044
Endosulfan II	0.001(b)
Heptachlor epoxide	0.015
METALS	
Arsenic	10
Cadmium	1
Chromium	43
Lead	36
Nickel	23
Silver	1
Zinc	120
Mercury	0.2

NOTES

1. ANALYTICAL DATA SHOWN EXCEEDS THE CLASS A FRESHWATER SEDIMENT GUIDANCE VALUE (SGV).
2. ANALYTICAL DATA QUALIFIERS ARE DEFINED ON TABLE 4.
3. MG/KG - MILLIGRAMS PER KILOGRAM
(b) SGV FOR ENDOSULFAN USED

N

0 80 160 Feet

SHEET SIZE: 11" x 17" 1 " = 80 '

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER FORTINO TIRE LANDFILL SITE
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK 13167

TITLE:
SUMMARY OF EXCEEDANCES OF CLASS A SGVs IN SEDIMENT - MAY 2017

DRAWN BY:	M. REEVES	PROJ NO.:	251592
CHECKED BY:	R. JORREY		
APPROVED BY:	K. SULLIVAN		FIGURE 8
DATE:	JANUARY 2018		

TRC
2801 Wehrle Drive
Suite 8
Williamsville, NY 14221
Phone: 716.204.9543

FILE NO.: 251592_8.mxd

Plot Date: 1/25/2018, 15:30:32 PM by MREEVES – LAYOUT: ANSI B(11"x17")
Path: \\apaenvfile01\GIS\1-PROJECTS\NYSDEC\251592_Fortino_Tire\MXD\251592_8.mxd
Coordinate System: NAD 1983 2011 StatePlane New York Central FIPS 3102 Ft US (Foot US)
Map Rotation: 0

TRC - GIS

TRC - GIS

Coordinate System: NAD 1983 2011 StatePlane New York Central FIPS 3102 Ft US (Foot US)
Map Rotation: 0
Plot Date: 1/25/2018, 15:15:37 PM by MREEVES -- LAYOUT: ANSI B(11"x17")
Path: \\apaenvfile01\GIS\1-PROJECTS\NYSDEC\251592_Fortino_Tire\MXD\251592_9.mxd

FT-MW-101	Concentration	
Parameter	Unfiltered	Filtered
VOCs		
Benzene	**3.6**	
m/p-Xylene	**13**	
SVOCs		
3,4-Methylphenol	**5.9 J**	
Bis(2-ethylhexyl)phthalate	**77**	
PCBs		
PCBs, Total	**1.56**	
METALS		
Barium	**2,180**	**2,080**
Iron	**18,100**	**16,600**
Manganese	**383**	**415**
Sodium	**88,000**	**87,900**
PFOA and PFOS		
Perfluorooctanoic acid (PFOA)	**150**	
Perfluorooctanesulfonic acid (PFOS)	**50**	
PFOA + PFOS	***200***	

FT-MW-102	Concentration	
Parameter	Unfiltered	Filtered
VOCs		
Benzene	**4.7**	
SVOCs		
Bis(2-ethylhexyl)phthalate	**27**	
PCBs		
PCBs, Total	**0.336 J**	
METALS		
Barium	**2,540**	**2,580**
Iron	**8,160**	**7,850**
Sodium	**33,700**	**34,400**
PFOA and PFOS		
Perfluorooctanoic acid (PFOA)	**74**	
Perfluorooctanesulfonic acid (PFOS)	**77**	
PFOA + PFOS	***151***	

FT-MW-105	Concentration	
Parameter	Unfiltered	Filtered
VOCs		
Benzene	**1.3**	
PCBs		
PCBs, Total	**0.378 J**	
METALS		
Iron	**20,800**	**20,800**
Manganese	**3,120**	**3,090**
PFOA and PFOS		
Perfluorooctanoic acid (PFOA)	**42**	
Perfluorooctanesulfonic acid (PFOS)	**71**	
PFOA + PFOS	***113***	

FT-MW-001	Concentration
Parameter	Unfiltered
METALS	
Iron	**15,700**

FT-MW-106	Concentration	
Parameter	Unfiltered	Filtered
PCBs		
PCBs, Total	**0.151**	
METALS		
Iron	**66,200**	**535**
Lead	**36**	
Manganese	**12,000**	**7,920**
Sodium	**72,100**	**56,100**

FT-MW-103	Concentration	
Parameter	Unfiltered	Filtered
VOCs		
Benzene	**7.4**	
Ethylbenzene	**16**	
m/p-Xylene	**13**	
o-Xylene	**13**	
SVOCs		
Bis(2-ethylhexyl)phthalate	**160**	
PCBs		
PCBs, Total	**1.38**	**1.11**
METALS		
Barium	**1,420**	**1,390**
Iron	**6,100**	**5,320**
Lead	**63.9**	
Sodium	**157,000**	**152,000**
PFOA and PFOS		
Perfluorooctanoic acid (PFOA)	**400**	
Perfluorooctanesulfonic acid (PFOS)	**160**	
PFOA + PFOS	***560***	

FT-MW-104	Concentration	
Parameter	Unfiltered	Filtered
VOCs		
Benzene	**5.1**	
PCBs		
PCBs, Total	**0.74 J**	
METALS		
Iron	**28,000**	**23,200**
Magnesium	**43,200**	**42,900**
Manganese	**32,400**	**31,100**
Sodium	**22,500**	**22,600**
PFOA and PFOS		
Perfluorooctanoic acid (PFOA)	**120**	
Perfluorooctanesulfonic acid (PFOS)	**55**	
PFOA + PFOS	***175***	

LEGEND

- EXTENT OF CAPPED LANDFILL (APPROXIMATE)
- LIMITS OF AUTOMOBILE SHREDDER RESIDUE WASTE (APPROXIMATE)
- 498 — GROUND SURFACE ELEVATION CONTOUR IN FT (M.J. LAND SURVEY)
- MONITORING WELL
- 478.55 — GROUNDWATER SURFACE ELEVATION IN FT

GROUNDWATER STANDARDS/GUIDANCE VALUES AND HEALTH ADVISORY LEVELS	
Parameter	***Value***
VOCs (ug/L)	
Benzene	1
Ethylbenzene	5
m/p-Xylene	5(b)
o-Xylene	5(b)
SVOCs (ug/L)	
3,4-Methylphenol	1(d)
Bis(2-ethylhexyl)phthalate	5
PCBs (ug/L)	
PCBs, Total	0.09
METALS (ug/L)	
Barium	1000
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Sodium	20000
PFOA and PFOS (ng/L)	
Perfluorooctanoic acid (PFOA)	70
Perfluorooctanesulfonic acid (PFOS)	70
PFOA + PFOS	70

NOTES

1. ANALYTICAL DATA SHOWN EXCEEDS THE CLASS GA GROUNDWATER STANDARDS OR GUIDANCE VALUES (ug/L).
2. ANALYTICAL DATA SHOWN EXCEEDS THE USEPA DRINKING WATER HEALTH ADVISORY LEVEL (ng/L).
3. ANALYTICAL DATA QUALIFIERS ARE DEFINED ON TABLE 5.
4. ug/L – MICROGRAMS PER LITER
5. ng/L – NANOGRAMS PER LITER

(b) CRITERIA APPLICABLE TO XYLENE (TOTAL), THE SUM OF XYLENE ISOMERS
(d) CRITERIA APPLICABLE TO TOTAL PHENOLICS

N

0 120 240 Feet

SHEET SIZE: 11" x 17" 1 " = 120 '

PROJECT:
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORMER FORTINO TIRE LANDFILL SITE
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK 13167

TITLE:
SUMMARY OF EXCEEDANCES OF CLASS GA VALUES AND HEALTH ADVISORY LEVELS IN GROUNDWATER - MONITORING WELL SAMPLES - JULY 2017

DRAWN BY:	M. REEVES	PROJ NO.:	251592
CHECKED BY:	R. JORREY		
APPROVED BY:	K. SULLIVAN		**FIGURE 9**
DATE:	JANUARY 2018		

TRC
2801 Wehrle Drive
Suite 8
Williamsville, NY 14221
Phone: 716.204.9543

FILE NO.: 251592_9.mxd

APPENDIX A
PRIOR REPORTS AND SUPPORTING DOCUMENTS

APPENDIX B
LAND SURVEY DATA AND MAPS

APPENDIX A
PRIOR REPORTS AND SUPPORTING DOCUMENTS

New York State Department of Environmental Conservation
615 Erie Blvd. W., Syracuse, NY 13204-2400

Region 7 Environmental Quality Office
(315) 426-7551

Thomas C. Jorling
Commissioner

October 15, 1990

Carl Shaw, Supervisor
Town of West Monroe
P. O. Box 4
West Monroe, NY 13167

RE: FORTINO FLUFF PILE

Dear Mr. Shaw:

The Fortino Fluff pile situation is still under review for a possible listing as hazardous waste. The process may take several months due to limited manpower and the number of sites at various locations needing attention.

Sampling was conducted by us in April and September 1990. Samples described as soil in the April 1990 report are actually samples of the Fluff itself. The sampling results are attached.

Very truly yours,

Charles J. Branagh, P.E.
Regional Hazardous Waste Remediation Engineer

CJB/ls
Attachment

CC: C. T. Male, III, wo/att.
E. Walsh, w/att.,
R. Heerkens, w/att.
E. Barcomb, wo/att.

ORGANICS

APPENDIX

U - Indicates that the compound was analyzed for but not detected.

J - Indicates that the compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.

B - This flag is used when the analyte is found in the blanks as well as the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of this analyte.

N - Indicates that the compound was analyzed for but not requested as an analyte. Value will not be listed on tabular result sheet.

X - Matrix spike compound.

(1) - Cannot be separated from diphenylamine.

(2) - Decomposes to azobenzene. Measured and calibrated as azobenzene.

A - This flag indicates that a TIC is a suspected aldol condensation product.

E - Indicates that it exceeds calibration curve range.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.

ND - NOT DETECTED

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

001C 000029

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: ~~0892~~ RA789 MH 4/27/90 SAS No.: SDG No.: RESE-002-007

Matrix: (soil/water) SOIL Lab Sample ID: 0892002

Sample wt/vol: 5 (g/mL) G Lab File ID: >A0754

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 28 Date Analyzed: 04/10/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14.000	U
74-83-9	Bromomethane	14.000	U
75-01-4	Vinyl Chloride	14.000	U
75-00-3	Chloroethane	14.000	U
75-09-2	Methylene Chloride	56.000	B
67-64-1	Acetone	21.000	B
75-15-0	Carbon Disulfide	7.000	U
75-35-4	1,1-Dichloroethene	7.000	U
75-34-3	1,1-Dichloroethane	7.000	U
540-59-0	1,2-Dichloroethene (total)	7.000	U
67-66-3	Chloroform	1.000	JB
107-06-2	1,2-Dichloroethane	7.000	U
78-93-3	2-Butanone	14.000	U
71-55-6	1,1,1-Trichloroethane	6.000	JB
56-23-5	Carbon Tetrachloride	7.000	U
108-05-4	Vinyl Acetate	14.000	U
75-27-4	Bromodichloromethane	7.000	U
78-87-5	1,2-Dichloropropane	7.000	U
10061-01-5	cis-1,3-Dichloropropene	7.000	U
79-01-6	Trichloroethene	7.000	U
124-48-1	Dibromochloromethane	7.000	U
79-00-5	1,1,2-Trichloroethane	7.000	U
71-43-2	Benzene	7.000	U
10061-02-6	trans-1,3-Dichloropropene	7.000	U
75-25-2	Bromoform	6.000	J
108-10-1	4-Methyl-2-Pentanone	5.000	J
591-78-6	2-Hexanone	7.000	U
127-18-4	Tetrachloroethene	7.000	U
79-34-5	1,1,2,2-Tetrachloroethane	7.000	
108-88-3	Toluene	7.000	U
108-90-7	Chlorobenzene	8.000	
100-41-4	Ethylbenzene	6.000	J
100-42-5	Styrene	17.000	
1330-20-7	Xylene (total)		

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

0046 000036

Lab Name: YORK LABS/CT RM789 Contract: C00742

Lab Code: YORK Case No.: ~~0092~~ LM 4/27/90 SAS No.: SDG No.: RESE-0C2-007

Matrix: (soil/water) SOIL Lab Sample ID: 0892003

Sample wt/vol: 5 (g/mL) G Lab File ID: >B9218

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 39 Date Analyzed: 04/09/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16.000	U
74-83-9	Bromomethane	16.000	U
75-01-4	Vinyl Chloride	16.000	U
75-00-3	Chloroethane	16.000	U
75-09-2	Methylene Chloride	850.000	BE
67-64-1	Acetone	66.000	B
75-15-0	Carbon Disulfide	8.000	U
75-35-4	1,1-Dichloroethene	8.000	U
75-34-3	1,1-Dichloroethane	8.000	U
540-59-0	1,2-Dichloroethene (total)	8.000	U
67-66-3	Chloroform	8.000	U
107-06-2	1,2-Dichloroethane	8.000	U
78-93-3	2-Butanone	16.000	U
71-55-6	1,1,1-Trichloroethane	8.000	U
56-23-5	Carbon Tetrachloride	8.000	U
108-05-4	Vinyl Acetate	16.000	U
75-27-4	Bromodichloromethane	8.000	U
78-87-5	1,2-Dichloropropane	8.000	U
10061-01-5	cis-1,3-Dichloropropene	8.000	U
79-01-6	Trichloroethene	8.000	U
124-48-1	Dibromochloromethane	8.000	U
79-00-5	1,1,2-Trichloroethane	8.000	U
71-43-2	Benzene	8.000	U
10061-02-6	trans-1,3-Dichloropropene	8.000	U
75-25-2	Bromoform	8.000	U
108-10-1	4-Methyl-2-Pentanone	16.000	U
591-78-6	2-Hexanone	23.000	
127-18-4	Tetrachloroethene	8.000	U
79-34-5	1,1,2,2-Tetrachloroethane	8.000	U
108-88-3	Toluene	13.000	
108-90-7	Chlorobenzene	8.000	U
100-41-4	Ethylbenzene	10.000	
100-42-5	Styrene	6.000	J
1330-20-7	Xylene (total)	8.000	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

004GRE 000042

Lab Name: YORK LABS/CT RH789 Contract: CC01742

Lab Code: YORK Case No.: ~~3072~~ MH 4/27/90 SAS No.: SDG No.: RESE-002 007

Matrix: (soil/water) SOIL Lab Sample ID: 0892003RE

Sample wt/vol: 5 (g/mL) G Lab File ID: >A0785

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 39 Date Analyzed: 04/11/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	16.000	U
74-83-9	Bromomethane	16.000	U
75-01-4	Vinyl Chloride	16.000	U
75-00-3	Chloroethane	16.000	U
75-09-2	Methylene Chloride	250.000	
67-64-1	Acetone	62.000	B
75-15-0	Carbon Disulfide	8.000	U
75-35-4	1,1-Dichloroethene	8.000	U
75-34-3	1,1-Dichloroethane	8.000	U
540-59-0	1,2-Dichloroethene (total)	8.000	U
67-66-3	Chloroform	8.000	U
107-06-2	1,2-Dichloroethane	8.000	U
78-93-3	2-Butanone	16.000	U
71-55-6	1,1,1-Trichloroethane	8.000	U
56-23-5	Carbon Tetrachloride	8.000	U
108-05-4	Vinyl Acetate	16.000	U
75-27-4	Bromodichloromethane	8.000	U
78-87-5	1,2-Dichloropropane	8.000	U
10061-01-5	cis-1,3-Dichloropropene	8.000	U
79-01-6	Trichloroethene	8.000	U
124-48-1	Dibromochloromethane	8.000	U
79-00-5	1,1,2-Trichloroethane	8.000	U
71-43-2	Benzene	8.000	U
10061-02-6	trans-1,3-Dichloropropene	8.000	U
75-25-2	Bromoform	8.000	U
108-10-1	4-Methyl-2-Pentanone	16.000	U
591-78-6	2-Hexanone	6.000	JB
127-18-4	Tetrachloroethene	8.000	U
79-34-5	1,1,2,2-Tetrachloroethane	8.000	U
108-88-3	Toluene	8.000	U
108-90-7	Chlorobenzene	8.000	U
100-41-4	Ethylbenzene	8.000	U
100-42-5	Styrene	8.000	U
1330-20-7	Xylene (total)	8.000	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

003C 000046

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: ~~0322~~ RH789 MH 4/27/90 SAS No.: SDG No.: RESE-GCQ -007

Matrix: (soil/water) SOIL Lab Sample ID: 0892004

Sample wt/vol: 5 (g/mL) G Lab File ID: >B9215

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 24 Date Analyzed: 04/09/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13.000	U
74-83-9	Bromomethane	13.000	U
75-01-4	Vinyl Chloride	13.000	U
75-00-3	Chloroethane	13.000	U
75-09-2	Methylene Chloride	170.000	B
67-64-1	Acetone	18.000	B
75-15-0	Carbon Disulfide	7.000	U
75-35-4	1,1-Dichloroethene	7.000	U
75-34-3	1,1-Dichloroethane	7.000	U
540-59-0	1,2-Dichloroethene (total)	7.000	U
67-66-3	Chloroform	7.000	U
107-06-2	1,2-Dichloroethane	7.000	U
78-93-3	2-Butanone	13.000	U
71-55-6	1,1,1-Trichloroethane	7.000	U
56-23-5	Carbon Tetrachloride	7.000	U
108-05-4	Vinyl Acetate	13.000	U
75-27-4	Bromodichloromethane	7.000	U
78-87-5	1,2-Dichloropropane	7.000	U
10061-01-5	cis-1,3-Dichloropropene	7.000	U
79-01-6	Trichloroethene	7.000	U
124-48-1	Dibromochloromethane	7.000	U
79-00-5	1,1,2-Trichloroethane	7.000	U
71-43-2	Benzene	7.000	U
10061-02-6	trans-1,3-Dichloropropene	7.000	U
75-25-2	Bromoform	7.000	U
108-10-1	4-Methyl-2-Pentanone	41.000	
591-78-6	2-Hexanone	2.000	J
127-18-4	Tetrachloroethene	7.000	U
79-34-5	1,1,2,2-Tetrachloroethane	7.000	U
108-88-3	Toluene	14.000	
108-90-7	Chlorobenzene	7.000	U
100-41-4	Ethylbenzene	21.000	
100-42-5	Styrene	8.000	
1330-20-7	Xylene (total)	38.000	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

003CRE 000053

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: ~~9332~~ RA789 SAS No.: SDG No.: RESE-002-001

Matrix: (soil/water) SOIL Lab Sample ID: 0892004RE

Sample wt/vol: 5 (g/mL) G Lab File ID: >A0772

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 24 Date Analyzed: 04/11/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13.000	U
74-83-9	Bromomethane	13.000	U
75-01-4	Vinyl Chloride	13.000	U
75-00-3	Chloroethane	13.000	U
75-09-2	Methylene Chloride	390.000	E
67-64-1	Acetone	32.000	B
75-15-0	Carbon Disulfide	7.000	U
75-35-4	1,1-Dichloroethene	7.000	U
75-34-3	1,1-Dichloroethane	7.000	U
540-59-0	1,2-Dichloroethene (total)	7.000	U
67-66-3	Chloroform	7.000	U
107-06-2	1,2-Dichloroethane	7.000	U
78-93-3	2-Butanone	13.000	U
71-55-6	1,1,1-Trichloroethane	7.000	
56-23-5	Carbon Tetrachloride	7.000	U
108-05-4	Vinyl Acetate	13.000	U
75-27-4	Bromodichloromethane	7.000	U
78-87-5	1,2-Dichloropropane	7.000	U
10061-01-5	cis-1,3-Dichloropropene	7.000	U
79-01-6	Trichloroethene	7.000	U
124-48-1	Dibromochloromethane	7.000	U
79-00-5	1,1,2-Trichloroethane	7.000	U
71-43-2	Benzene	7.000	U
10061-02-6	trans-1,3-Dichloropropene	7.000	U
75-25-2	Bromoform	7.000	U
108-10-1	4-Methyl-2-Pentanone	53.000	
591-78-6	2-Hexanone	11.000	JB
127-18-4	Tetrachloroethene	7.000	U
79-34-5	1,1,2,2-Tetrachloroethane	7.000	U
108-88-3	Toluene	19.000	
108-90-7	Chlorobenzene	7.000	U
100-41-4	Ethylbenzene	52.000	
100-42-5	Styrene	20.000	
1330-20-7	Xylene (total)	79.000	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

004C 000060

Lab Name: YORK LABS/CT Contract: CC01742

Lab Code: YORK Case No.: ~~0892~~ RA784 SAS No.: SDG No.: RESE-002-007

Matrix: (soil/water) SOIL Lab Sample ID: 0892005

Sample wt/vol: 5 (g/mL) G Lab File ID: >B9216

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 26 Date Analyzed: 04/09/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14.000	U
74-83-9	Bromomethane	14.000	U
75-01-4	Vinyl Chloride	14.000	U
75-00-3	Chloroethane	14.000	U
75-09-2	Methylene Chloride	310.000	BE
67-64-1	Acetone	11.000	JB
75-15-0	Carbon Disulfide	7.000	U
75-35-4	1,1-Dichloroethene	7.000	U
75-34-3	1,1-Dichloroethane	7.000	U
540-59-0	1,2-Dichloroethene (total)	7.000	U
67-66-3	Chloroform	7.000	U
107-06-2	1,2-Dichloroethane	7.000	U
78-93-3	2-Butanone	14.000	U
71-55-6	1,1,1-Trichloroethane	7.000	U
56-23-5	Carbon Tetrachloride	7.000	U
108-05-4	Vinyl Acetate	14.000	U
75-27-4	Bromodichloromethane	7.000	U
78-87-5	1,2-Dichloropropane	7.000	U
10061-01-5	cis-1,3-Dichloropropene	7.000	U
79-01-6	Trichloroethene	7.000	U
124-48-1	Dibromochloromethane	7.000	U
79-00-5	1,1,2-Trichloroethane	7.000	U
71-43-2	Benzene	7.000	U
10061-02-6	trans-1,3-Dichloropropene	7.000	U
75-25-2	Bromoform	7.000	U
108-10-1	4-Methyl-2-Pentanone	14.000	U
591-78-6	2-Hexanone	14.000	U
127-18-4	Tetrachloroethene	7.000	U
79-34-5	1,1,2,2-Tetrachloroethane	7.000	U
108-88-3	Toluene	7.000	U
108-90-7	Chlorobenzene	7.000	U
100-41-4	Ethylbenzene	4.000	J
100-42-5	Styrene	7.000	U
1330-20-7	Xylene (total)	7.000	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

004CRE 000064

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: ~~8892~~ RA789 MA 4/27/90 SAS No.: SDG No.: RESE-002 -007

Matrix: (soil/water) SOIL Lab Sample ID: 0892005CE

Sample wt/vol: 5 (g/mL) G Lab File ID: >A0786

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 26 Date Analyzed: 04/11/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14.000	U
74-83-9	Bromomethane	14.000	U
75-01-4	Vinyl Chloride	14.000	U
75-00-3	Chloroethane	14.000	U
75-09-2	Methylene Chloride	220.000	
67-64-1	Acetone	72.000	B
75-15-0	Carbon Disulfide	7.000	U
75-35-4	1,1-Dichloroethene	7.000	U
75-34-3	1,1-Dichloroethane	7.000	U
540-59-0	1,2-Dichloroethene (total)	7.000	U
67-66-3	Chloroform	7.000	U
107-06-2	1,2-Dichloroethane	7.000	U
78-93-3	2-Butanone	14.000	U
71-55-6	1,1,1-Trichloroethane	7.000	U
56-23-5	Carbon Tetrachloride	7.000	U
108-05-4	Vinyl Acetate	14.000	U
75-27-4	Bromodichloromethane	7.000	U
78-87-5	1,2-Dichloropropane	7.000	U
10061-01-5	cis-1,3-Dichloropropene	7.000	U
79-01-6	Trichloroethene	7.000	U
124-48-1	Dibromochloromethane	7.000	U
79-00-5	1,1,2-Trichloroethane	7.000	U
71-43-2	Benzene	7.000	U
10061-02-6	trans-1,3-Dichloropropene	7.000	U
75-25-2	Bromoform	7.000	U
108-10-1	4-Methyl-2-Pentanone	14.000	U
591-78-6	2-Hexanone	14.000	U
127-18-4	Tetrachloroethene	7.000	U
79-34-5	1,1,2,2-Tetrachloroethane	7.000	U
108-88-3	Toluene	7.000	U
108-90-7	Chlorobenzene	7.000	U
100-41-4	Ethylbenzene	7.000	U
100-42-5	Styrene	7.000	U
1330-20-7	Xylene (total)	7.000	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000068

006G RE

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RE5E002-007

Matrix: (soil/water) SOIL Lab Sample ID: 0892006

Sample wt/vol: 5 (g/mL) G Lab File ID: >B9219

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 29 Date Analyzed: 04/09/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	C
74-87-3	Chloromethane	14.000	U
74-83-9	Bromomethane	14.000	U
75-01-4	Vinyl Chloride	14.000	U
75-00-3	Chloroethane	14.000	U
75-09-2	Methylene Chloride	190.000	
67-64-1	Acetone	17.000	
75-15-0	Carbon Disulfide	7.000	U
75-35-4	1,1-Dichloroethene	7.000	U
75-34-3	1,1-Dichloroethane	7.000	U
540-59-0	1,2-Dichloroethene (total)	7.000	U
67-66-3	Chloroform	7.000	U
107-06-2	1,2-Dichloroethane	7.000	U
78-93-3	2-Butanone	14.000	U
71-55-6	1,1,1-Trichloroethane	7.000	U
56-23-5	Carbon Tetrachloride	7.000	U
108-05-4	Vinyl Acetate	14.000	U
75-27-4	Bromodichloromethane	7.000	U
78-87-5	1,2-Dichloropropane	7.000	U
10061-01-5	cis-1,3-Dichloropropene	7.000	U
79-01-6	Trichloroethene	7.000	U
124-48-1	Dibromochloromethane	7.000	U
79-00-5	1,1,2-Trichloroethane	7.000	U
71-43-2	Benzene	7.000	U
10061-02-6	trans-1,3-Dichloropropene	7.000	U
75-25-2	Bromoform	7.000	U
108-10-1	4-Methyl-2-Pentanone	14.000	U
591-78-6	2-Hexanone	14.000	U
127-18-4	Tetrachloroethene	7.000	U
79-34-5	1,1,2,2-Tetrachloroethane	7.000	U
108-88-3	Toluene	7.000	U
108-90-7	Chlorobenzene	7.000	U
100-41-4	Ethylbenzene	7.000	U
100-42-5	Styrene	7.000	U
1330-20-7	Xylene (total)	7.000	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO. 000072

006G RE

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: ~~0892~~ RH789 JWH 4/27/90 SAS No.: SDG No.: RESE-002 -00

Matrix: (soil/water) SOIL Lab Sample ID: 0892006 RE

Sample wt/vol: 5 (g/mL) G Lab File ID: >A0756

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 29 Date Analyzed: 04/10/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	14.000	U
74-83-9	Bromomethane	14.000	U
75-01-4	Vinyl Chloride	14.000	U
75-00-3	Chloroethane	14.000	U
75-09-2	Methylene Chloride	180.000	B
67-64-1	Acetone	35.000	B
75-15-0	Carbon Disulfide	7.000	U
75-35-4	1,1-Dichloroethene	7.000	U
75-34-3	1,1-Dichloroethane	7.000	U
540-59-0	1,2-Dichloroethene (total)	7.000	U
67-66-3	Chloroform	7.000	U
107-06-2	1,2-Dichloroethane	7.000	U
78-93-3	2-Butanone	14.000	U
71-55-6	1,1,1-Trichloroethane	6.000	JB
56-23-5	Carbon Tetrachloride	7.000	U
108-05-4	Vinyl Acetate	14.000	U
75-27-4	Bromodichloromethane	7.000	U
78-87-5	1,2-Dichloropropane	7.000	U
10061-01-5	cis-1,3-Dichloropropene	7.000	U
79-01-6	Trichloroethene	7.000	U
124-48-1	Dibromochloromethane	7.000	U
79-00-5	1,1,2-Trichloroethane	7.000	U
71-43-2	Benzene	7.000	U
10061-02-6	trans-1,3-Dichloropropene	7.000	U
75-25-2	Bromoform	7.000	U
108-10-1	4-Methyl-2-Pentanone	7.000	J
591-78-6	2-Hexanone	7.000	J
127-18-4	Tetrachloroethene	7.000	U
79-34-5	1,1,2,2-Tetrachloroethane	7.000	U
108-88-3	Toluene	2.000	J
108-90-7	Chlorobenzene	7.000	U
100-41-4	Ethylbenzene	7.000	U
100-42-5	Styrene	7.000	U
1330-20-7	Xylene (total)	7.000	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000077

TB

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESE-002 -007

Matrix: (soil/water) WATER Lab Sample ID: 0892007

Sample wt/vol: 5 (g/mL) ML Lab File ID: >A0732

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. Date Analyzed: 04/09/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10.000	U
74-83-9	Bromomethane	10.000	U
75-01-4	Vinyl Chloride	10.000	U
75-00-3	Chloroethane	10.000	U
75-09-2	Methylene Chloride	2.000	J
67-64-1	Acetone	23.000	
75-15-0	Carbon Disulfide	5.000	U
75-35-4	1,1-Dichloroethene	5.000	U
75-34-3	1,1-Dichloroethane	5.000	U
540-59-0	1,2-Dichloroethene (total)	5.000	U
67-66-3	Chloroform	1.000	J
107-06-2	1,2-Dichloroethane	5.000	U
78-93-3	2-Butanone	10.000	U
71-55-6	1,1,1-Trichloroethane	5.000	U
56-23-5	Carbon Tetrachloride	5.000	U
108-05-4	Vinyl Acetate	10.000	U
75-27-4	Bromodichloromethane	5.000	U
78-87-5	1,2-Dichloropropane	5.000	U
10061-01-5	cis-1,3-Dichloropropene	5.000	U
79-01-6	Trichloroethene	5.000	U
124-48-1	Dibromochloromethane	5.000	U
79-00-5	1,1,2-Trichloroethane	5.000	U
71-43-2	Benzene	5.000	U
10061-02-6	trans-1,3-Dichloropropene	5.000	U
75-25-2	Bromoform	5.000	U
108-10-1	4-Methyl-2-Pentanone	10.000	U
591-78-6	2-Hexanone	10.000	U
127-18-4	Tetrachloroethene	5.000	U
79-34-5	1,1,2,2-Tetrachloroethane	5.000	U
108-88-3	Toluene	5.000	U
108-90-7	Chlorobenzene	5.000	U
100-41-4	Ethylbenzene	5.000	U
100-42-5	Styrene	5.000	U
1330-20-7	Xylene (total)	5.000	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKAS 000175

Lab Name: YORK LABS/CT Contract: C00742

Lab Code: YORK Case No.: ~~0892~~ RA789 SAS No.: SDG No.: RESS002 -007

Matrix: (soil/water) WATER Je 4/20/90 Lab Sample ID:

Sample wt/vol: 5 (g/mL) ML Lab File ID: >A0727

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 04/09/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10.000	U
74-83-9	Bromomethane	10.000	U
75-01-4	Vinyl Chloride	10.000	U
75-00-3	Chloroethane	10.000	U
75-09-2	Methylene Chloride	5.000	U
67-64-1	Acetone	10.000	U
75-15-0	Carbon Disulfide	5.000	U
75-35-4	1,1-Dichloroethene	5.000	U
75-34-3	1,1-Dichloroethane	5.000	U
540-59-0	1,2-Dichloroethene (total)	5.000	U
67-66-3	Chloroform	5.000	U
107-06-2	1,2-Dichloroethane	5.000	U
78-93-3	2-Butanone	10.000	U
71-55-6	1,1,1-Trichloroethane	5.000	U
56-23-5	Carbon Tetrachloride	5.000	U
108-05-4	Vinyl Acetate	10.000	U
75-27-4	Bromodichloromethane	5.000	U
78-87-5	1,2-Dichloropropane	5.000	U
10061-01-5	cis-1,3-Dichloropropene	5.000	U
79-01-6	Trichloroethene	5.000	U
124-48-1	Dibromochloromethane	5.000	U
79-00-5	1,1,2-Trichloroethane	5.000	U
71-43-2	Benzene	5.000	U
10061-02-6	trans-1,3-Dichloropropene	5.000	U
75-25-2	Bromoform	5.000	U
108-10-1	4-Methyl-2-Pentanone	10.000	U
591-78-6	2-Hexanone	10.000	U
127-18-4	Tetrachloroethene	5.000	U
79-34-5	1,1,2,2-Tetrachloroethane	5.000	U
108-88-3	Toluene	5.000	U
108-90-7	Chlorobenzene	5.000	U
100-41-4	Ethylbenzene	5.000	U
100-42-5	Styrene	5.000	U
1330-20-7	Xylene (total)	5.000	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000179

VBLKA7

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: ~~9892~~ RA789 MH 4/27/90 SAS No.: SDG No.: RESE-002-007

Matrix: (soil/water) SOIL Lab Sample ID:

Sample wt/vol: 5 (g/mL) G Lab File ID: >A0752

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 04/10/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10.000	U
74-83-9	Bromomethane	10.000	U
75-01-4	Vinyl Chloride	10.000	U
75-00-3	Chloroethane	10.000	U
75-09-2	Methylene Chloride	1.000	J
67-64-1	Acetone	9.000	J
75-15-0	Carbon Disulfide	5.000	U
75-35-4	1,1-Dichloroethene	5.000	U
75-34-3	1,1-Dichloroethane	5.000	U
540-59-0	1,2-Dichloroethene (total)	5.000	U
67-66-3	Chloroform	1.000	J
107-06-2	1,2-Dichloroethane	5.000	U
78-93-3	2-Butanone	10.000	U
71-55-6	1,1,1-Trichloroethane	7.000	
56-23-5	Carbon Tetrachloride	5.000	U
108-05-4	Vinyl Acetate	10.000	U
75-27-4	Bromodichloromethane	5.000	U
78-87-5	1,2-Dichloropropane	5.000	U
10061-01-5	cis-1,3-Dichloropropene	5.000	U
79-01-6	Trichloroethene	5.000	U
124-48-1	Dibromochloromethane	5.000	U
79-00-5	1,1,2-Trichloroethane	5.000	U
71-43-2	Benzene	5.000	U
10061-02-6	trans-1,3-Dichloropropene	5.000	U
75-25-2	Bromoform	5.000	U
108-10-1	4-Methyl-2-Pentanone	10.000	U
591-78-6	2-Hexanone	10.000	U
127-18-4	Tetrachloroethene	5.000	U
79-34-5	1,1,2,2-Tetrachloroethane	5.000	U
108-88-3	Toluene	5.000	U
108-90-7	Chlorobenzene	5.000	U
100-41-4	Ethylbenzene	5.000	U
100-42-5	Styrene	5.000	U
1330-20-7	Xylene (total)	5.000	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000183

VBLKA8

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: ~~8877~~ RA789 MH 4/30/90 SAS No.: SDG No.: RESE-002 -001

Matrix: (soil/water) SOIL Lab Sample ID:

Sample wt/vol: 5 (g/mL) G Lab File ID: >A0771

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 04/11/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10.000	U
74-83-9	Bromomethane	10.000	U
75-01-4	Vinyl Chloride	10.000	U
75-00-3	Chloroethane	10.000	U
75-09-2	Methylene Chloride	5.000	U
67-64-1	Acetone	11.000	
75-15-0	Carbon Disulfide	5.000	U
75-35-4	1,1-Dichloroethene	5.000	U
75-34-3	1,1-Dichloroethane	5.000	U
540-59-0	1,2-Dichloroethene (total)	5.000	U
67-66-3	Chloroform	5.000	U
107-06-2	1,2-Dichloroethane	5.000	U
78-93-3	2-Butanone	3.000	J
71-55-6	1,1,1-Trichloroethane	5.000	U
56-23-5	Carbon Tetrachloride	5.000	U
108-05-4	Vinyl Acetate	10.000	U
75-27-4	Bromodichloromethane	5.000	U
78-87-5	1,2-Dichloropropane	5.000	U
10061-01-5	cis-1,3-Dichloropropene	5.000	U
79-01-6	Trichloroethene	5.000	U
124-48-1	Dibromochloromethane	5.000	U
79-00-5	1,1,2-Trichloroethane	5.000	U
71-43-2	Benzene	5.000	U
10061-02-6	trans-1,3-Dichloropropene	5.000	U
75-25-2	Bromoform	5.000	U
108-10-1	4-Methyl-2-Pentanone	10.000	U
591-78-6	2-Hexanone	2.000	J
127-18-4	Tetrachloroethene	5.000	U
79-34-5	1,1,2,2-Tetrachloroethane	5.000	U
108-88-3	Toluene	5.000	U
108-90-7	Chlorobenzene	5.000	U
100-41-4	Ethylbenzene	5.000	U
100-42-5	Styrene	5.000	U
1330-20-7	Xylene (total)	5.000	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000187
VBLKBV

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: ~~0892~~ RA789 SAS No.: SDG No.: RESE-002 -00

MH 4/30/90

Matrix: (soil/water) SOIL Lab Sample ID:

Sample wt/vol: 5 (g/mL) G Lab File ID: >B9214

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 04/09/90

Column: (pack/cap) CAP Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10.000	U
74-83-9	Bromomethane	10.000	U
75-01-4	Vinyl Chloride	10.000	U
75-00-3	Chloroethane	10.000	U
75-09-2	Methylene Chloride	4.000	J
67-64-1	Acetone	6.000	J
75-15-0	Carbon Disulfide	5.000	U
75-35-4	1,1-Dichloroethene	5.000	U
75-34-3	1,1-Dichloroethane	5.000	U
540-59-0	1,2-Dichloroethene (total)	5.000	U
67-66-3	Chloroform	5.000	U
107-06-2	1,2-Dichloroethane	5.000	U
78-93-3	2-Butanone	10.000	U
71-55-6	1,1,1-Trichloroethane	5.000	U
56-23-5	Carbon Tetrachloride	5.000	U
108-05-4	Vinyl Acetate	10.000	U
75-27-4	Bromodichloromethane	5.000	U
78-87-5	1,2-Dichloropropane	5.000	U
10061-01-5	cis-1,3-Dichloropropene	5.000	U
79-01-6	Trichloroethene	5.000	U
124-48-1	Dibromochloromethane	5.000	U
79-00-5	1,1,2-Trichloroethane	5.000	U
71-43-2	Benzene	5.000	U
10061-02-6	trans-1,3-Dichloropropene	5.000	U
75-25-2	Bromoform	5.000	U
108-10-1	4-Methyl-2-Pentanone	10.000	U
591-78-6	2-Hexanone	10.000	U
127-18-4	Tetrachloroethene	5.000	U
79-34-5	1,1,2,2-Tetrachloroethane	5.000	U
108-88-3	Toluene	5.000	U
108-90-7	Chlorobenzene	5.000	U
100-41-4	Ethylbenzene	5.000	U
100-42-5	Styrene	5.000	U
1330-20-7	Xylene (total)	5.000	U

YORK LABORATORIES

PESTICIDES/PCB'S

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1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1-G00019

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: _____ SDG No.: RESE002-01

Matrix: (soil/water) WATER Lab Sample ID: 0892001

Sample wt/vol: 1000. (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. _____ dec. _____ Date Extracted: 04/06/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 04/11/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	0.50	U
11141-16-5	Aroclor-1232	0.50	U
53469-21-9	Aroclor-1242	0.50	U
12672-29-6	Aroclor-1248	0.50	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

001-C 000204

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: _____ SDG No.: RESE002

Matrix: (soil/water) SOIL Lab Sample ID: 0892002

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 28 dec. _____ Date Extracted: 04/06/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/24/90

GPC Cleanup: (Y/N) N pH: 7.5 Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	1100.	U
11104-28-2	Aroclor-1221	1100.	U
11141-16-5	Aroclor-1232	1100.	U
53469-21-9	Aroclor-1242	43000.	
12672-29-6	Aroclor-1248	1100.	U
11097-69-1	Aroclor-1254	38000.	
11096-82-5	Aroclor-1260	2200.	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

003-000214

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: _____ SDG No.: RESE002

Matrix: (soil/water) SOIL Lab Sample ID: 0892004

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 27 dec. _____ Date Extracted: 04/06/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/24/90

GPC Cleanup: (Y/N) N pH: 7.8 Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	1100.	U
11104-28-2	Aroclor-1221	1100.	U
11141-16-5	Aroclor-1232	1100.	U
53469-21-9	Aroclor-1242	38000.	
12672-29-6	Aroclor-1248	1100.	U
11097-69-1	Aroclor-1254	43000.	
11096-82-5	Aroclor-1260	2200.	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

004-G 000209

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: _____ SDG No.: RESE002

Matrix: (soil/water) SOIL Lab Sample ID: 0892003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 31 dec. _____ Date Extracted: 04/06/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/24/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 5

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	580.	U
11104-28-2	Aroclor-1221	580.	U
11141-16-5	Aroclor-1232	580.	U
53469-21-9	Aroclor-1242	20000.	
12672-29-6	Aroclor-1248	580.	U
11097-69-1	Aroclor-1254	19000.	
11096-82-5	Aroclor-1260	1200.	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

004-000219

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: _____ SDG No.: RESE007

Matrix: (soil/water) SOIL Lab Sample ID: 0892005

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 25 dec. _____ Date Extracted: 04/06/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/24/90

GPC Cleanup: (Y/N) N pH: 7.0 Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	1100.	U
11104-28-2	Aroclor-1221	1100.	U
11141-16-5	Aroclor-1232	1100.	U
53469-21-9	Aroclor-1242	18000.	
12672-29-6	Aroclor-1248	1100.	U
11097-69-1	Aroclor-1254	25000.	
11096-82-5	Aroclor-1260	2100.	U

1D

PCB ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

006-G000224

Lab Name: YORK LABS/CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: _____ SDG No.: RESE002

Matrix: (soil/water) SOIL Lab Sample ID: 0892006

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

Level: (low/med) LOW Date Received: 04/04/90

% Moisture: not dec. 25 dec. _____ Date Extracted: 04/06/90

Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 04/24/90

GPC Cleanup: (Y/N) N pH: 7.1 Dilution Factor: 20

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	2100.	U
11104-28-2	Aroclor-1221	2100.	U
11141-16-5	Aroclor-1232	2100.	U
53469-21-9	Aroclor-1242	2100.	U
12672-29-6	Aroclor-1248	49000.	
11097-69-1	Aroclor-1254	39000.	
11096-82-5	Aroclor-1260	4300.	U

ERIC KNAPP INORGANICS

Under the columns labeled "C", "Q", and "M", enter result qualifiers as identified below. If additional qualifiers are used, their explicit definitions must be included on the Cover Page in the Comments section.

FORM I-IN includes fields for three types of result qualifiers. These qualifiers must be completed as follows:

- C (Concentration) qualifier -- Enter "B" if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" must be entered.

- Q qualifier -- Specified entries and their meanings are as follows:

  E - The reported value is estimated because of the presence of interference. An explanatory note must be included under Comments on the Cover Page (if the problem applies to all samples) or on the specific FORM I-IN (if it is an isolated problem).

  M - Duplicate injection precision not met.

  N - Spiked sample recovery not within control limits.

  S - The reported value was determined by the Method of Standard Additions (MSA).

  W - Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance. (See Exhibit E.)

  * - Duplicate analysis not within control limits.

  + - Correlation coefficient for the MSA is less than 0.995.

  Entering "S", "W", or "+" is mutually exclusive. No combination of these qualifiers can appear in the same field for an analyte.

- M (Method) qualifier -- Enter:

  - "P" for ICP
  - "A" for Flame AA
  - "F" for Furnace AA
  - "CV" for Manual Cold Vapor AA
  - "AV" for Automated Cold Vapor AA
  - "AS" for Semi-Automated Spectrophotometric
  - "C" for Manual Spectrophotometric
  - "T" for Titrimetric
  - "NR" if the analyte is not required to be analyzed.

A brief physical description of the sample, both before and after digestion, must be reported in the fields for color (before and after), clarity (before and after), texture and artifacts. For water samples, report color and clarity. For soil samples, report color, texture and artifacts.

U.S. EPA - CLP

000014

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: YORK LABS / CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESEOR /

Matrix (soil/water): WATER Lab Sample ID: ~~SW-1~~ G

Level (low/med): LOW Date Received: 04/04/90

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	21.0	U		P
7440-39-3	Barium	806			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	2.1	B		P
7440-70-2	Calcium				NR
7440-47-3	Chromium	4.3	B		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	164		E	P
7439-95-4	Mannesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	~~2.0~~ 20.0	U	W	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	28.0	U		P
7440-22-4	Silver	5.0	U	N	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

4/26 DM

Color Before: YELLOW Clarity Before: CLOUDY Texture:

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments: EP TOX LEACHATE

U.S. EPA - CLP

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: YORK LABS / CT Contract: CUO1/42

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RE5E

Matrix (soil/water): WATER Lab Sample ID:

Level (low/med): LOW Date Received: 04/04/90

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	21.0	U		P
7440-39-3	Barium	2460			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	135			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.0	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1020		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0 ~~20.0~~	U	W	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	28.0	U		P
7440-22-4	Silver	5.0	U	N	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

4/26 DMJ

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments: EP TOX LEACHATE

INORGANIC ANALYSIS DATA SHEET

Lab Name: YORK LABS / CT Contract: C001/42

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESEL02

Matrix (soil/water): WATER Lab Sample ID: ~~[illegible]~~

Level (low/med): LOW Date Received: 04/04/90

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	21.0	U		P
7440-39-3	Barium	2690			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	108			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	2.0	U		P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1390	E		P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	~~2.0~~ 24.0	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	28.0	U		P
7440-22-4	Silver	5.0	U	N	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments: E.P. TOX LEACHATE

U.S. EPA - CLP

EPM SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: YORK LABS / CT Contract: C001/42

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESE02

Matrix (soil/water): WATER Lab Sample ID:

Level (low/med): LOW Date Received: 04/04/90

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic	21.0	U		P
7440-39-3	Barium	1790			P
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	81.4			P
7440-70-2	Calcium				NR
7440-47-3	Chromium	19.1			P
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	1740		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0 ~~20.0~~	U	W	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium	28.0	U		P
7440-22-4	Silver	5.0	U	N	P
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

4/26 pms

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments: EP TCX LEACHATE

U.S. EPA - CLP

000018

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: YORK LABS / CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESE04

Matrix (soil/water): WATER Lab Sample ID:

Level (low/med): LOW Date Received: 04/04/90

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum				NR	
7440-36-0	Antimony				NR	
7440-38-2	Arsenic	21.0	U		P	
7440-39-3	Barium	3590			P	
7440-41-7	Beryllium				NR	
7440-43-9	Cadmium	199			P	
7440-70-2	Calcium				NR	
7440-47-3	Chromium	2.0	U		P	
7440-48-4	Cobalt				NR	
7440-50-8	Copper				NR	
7439-89-6	Iron				NR	
7439-92-1	Lead	2270		E	P	
7439-95-4	Magnesium				NR	
7439-96-5	Manganese				NR	
7439-97-6	Mercury	~~20.0~~ 2.0	U		CV	4/26 pm
7440-02-0	Nickel				NR	
7440-09-7	Potassium				NR	
7782-49-2	Selenium	28.0	U		P	
7440-22-4	Silver	5.0	U	N	P	
7440-23-5	Sodium				NR	
7440-28-0	Thallium				NR	
7440-62-2	Vanadium				NR	
7440-66-6	Zinc				NR	
	Cyanide				NR	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments: EP TOX LEACHATE

000019

U.S. EPA - CLP

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: YORK LABS / CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESE02

Matrix (soil/water): WATER Lab Sample ID: ~~9496-3~~

Level (low/med): LOW Date Received: 04/04/90

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M	
7429-90-5	Aluminum				NR	
7440-36-0	Antimony				NR	
7440-38-2	Arsenic	21.0	U		P	
7440-39-3	Barium	2430			P	
7440-41-7	Beryllium				NR	
7440-43-9	Cadmium	437			P	
7440-70-2	Calcium				NR	
7440-47-3	Chromium	2.0	U		P	
7440-48-4	Cobalt				NR	
7440-50-8	Copper				NR	
7439-89-6	Iron				NR	
7439-92-1	Lead	1240		E	P	
7439-95-4	Magnesium				NR	
7439-96-5	Manganese				NR	
7439-97-6	Mercury	2.0 ~~20.0~~	U	K	CV	4/26 BMO
7440-02-0	Nickel				NR	
7440-09-7	Potassium				NR	
7782-49-2	Selenium	28.0	U		P	
7440-22-4	Silver	5.0	U	N	P	
7440-23-5	Sodium				NR	
7440-28-0	Thallium				NR	
7440-62-2	Vanadium				NR	
7440-66-6	Zinc				NR	
	Cyanide				NR	

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments: E.P Tox LEACHATE

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EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: YORK LABS / CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESEOR

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 04/04/90

% Solids: 76.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	62.8		*	P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	36400		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLOUDY Artifacts: YES

Comments:
ROOTS/PAPER

U.S. EPA - CLP

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: YORK LABS / CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESEO2

Matrix (soil/water): SOIL Lab Sample ID: 004-G

Level (low/med): LOW Date Received: 04/04/90

% Solids: 64.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	102		*	P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2870		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

olor Before: BLACK Clarity Before: Texture: MEDIUM

olor After: YELLOW Clarity After: CLOUDY Artifacts: YES

omments:
ROOTS/PAPER

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: YORK LABS / CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESE02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 04/04/90

% Solids: 73.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	59.6		*	P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	11600		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLOUDY Artifacts: YES

Comments:
ROOTS/PAPER

U.S. EPA - CLP

EPA SAMPLE NO.

1

INORGANIC ANALYSIS DATA SHEET

000305

Lab Name: YORK LABS / CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESEO2

Matrix (soil/water): SOIL Lab Sample ID: ~~SO05~~

Level (low/med): LOW Date Received: 04/04/90

% Solids: 72.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	38.6		*	P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	3850		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BLACK Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLOUDY Artifacts: YES

Comments:
ROOTS/PAPER

U.S. EPA - CLP

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: YORK LABS / CT Contract: C001742

Lab Code: YORK Case No.: RA789 SAS No.: SDG No.: RESE02

Matrix (soil/water): SOIL Lab Sample ID:

Level (low/med): LOW Date Received: 04/04/90

% Solids: 76.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium	57.4		*	P
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead	2700		E	P
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury				NR
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLOUDY Artifacts: YES

Comments:
ROOTS/PAPER

H2M LABS, INC.

ANALYTICAL DATA PACKAGE

TABLE OF CONTENTS

NYSDEC
SAMPLES RECEIVED: 3/21/08
CONTRACT NO.: C006493
CASE NO.: NF807
SDG NO.: 0316

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II. SDG NARRATIVES

III. CONTRACT LAB SAMPLE INFORMATION SHEET

IV. CHAIN OF CUSTODY FORMS

V. NYSDEC DATA PACKAGE SUMMARY FORMS

VI. ANALYTICAL DATA PACKAGE

A. PCBs

DATA PACKAGE FOR CLIENT INFORMATION PURPOSES ONLY

NF807-0316 A1

H2M LABS, INC.

I. SDG COVER PAGE COVER DOCUMENTATION

H2M LABS, INC.

SDG COVER PAGE

LABORATORY NAME: H2M LABS, INC.
LABORATORY CODE: 10478
CONTRACT NO.: C006493
CASE NO.: NF807
SDG NO.: NF807-0316

NYSDEC SAMPLE NO.	LAB SAMPLE ID.
000001	0803780-001
000002	0803780-002
000003	0803780-003
000004	0803780-004
000005	0803780-005
000006	0803780-006

NF807-0316 A3

II. SDG NARRATIVES

H2M LABS, INC.
SDG NARRATIVE FOR PCB ANALYSES
SAMPLES RECEIVED: 3/21/08
CONTRACT NO.: C006493
CASE #: NF807
SDG #: NF807-0316

For Samples:

000001	000004
000002	000005
000003	000006

The above soil samples were analyzed for PCBs by EPA method 8082 in accordance with the NYSDEC ASP, Rev. 2005.

All QC data and calibrations met the requirements of the method. The following should be noted:

- The extracts were cleaned up with concentrated sulfuric acid and were subjected to sulfur cleanup with TBA.
- Multipoint calibrations were performed with an aroclor mix at 6 levels.
- No MS/MSD sample spikes were designated for this sample delivery group (SDG), but a lab-fortified blank (LFB) was analyzed indicating good method efficiency.
- Surrogate recoveries for DCB in samples 000002 and 000003 were biased high on one column due to unresolved matrix interference.
- Levels of PCBs in all samples exceeded the calibration ranges, and dilutions were analyzed. Both sets of data are reported.
- No surrogate recoveries were reported for the dilutions, because the surrogates are diluted out.
- In the presence of a high aroclor, low levels of other aroclors could be masked due to the overlap of patterns. These other aroclors are flagged with the qualifier "X".
- Congeners that showed severe interference either from unresolved matrix interference or other positive overlapping aroclors, were omitted from the quantification as much as possible.
- AR1254 and AR1260 have overlapping patterns. If both aroclors are present, part of the AR1260 pattern stems from AR1254 congeners, and the quantity reported for AR1260 contains some AR1254. AR1260 results are therefore flagged with the qualifier "Y" to indicate that they are biased high due to the presence of the overlapping AR1254.
- Positives are reported to a practical detection limit of half of the quantification limits.

H2M LABS, INC.
SDG NARRATIVE FOR PCB ANALYSES
SAMPLES RECEIVED: 3/21/08
CONTRACT NO.: C006493
CASE #: NF807
SDG #: NF807-0316

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: April 8, 2008

****
* *
* *
****
Ursula Middel
Technical Manager

III. CONTRACT LAB SAMPLE INFORMATION SHEET

One Copy of This Sheet Goes To: a) 625 Broadway, 4th Floor, Albany, New York 12233-3502
b) With sample to contract lab c) Retain for your records

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET
Print Legibly

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

☐ 1. 13PP Metals	☐ 10. Sulfate	☐ 19. Halogenated Volatiles (USEPA 601 GC)
☐ 2. Cyanide	☐ 11. Reactive Phosphorus	☐ 20. Aromatic Volatiles (USEPA 602 GC)
☐ 3. BOD	☐ 12. Total Phosphorus	☐ 21. Volatiles (USEPA 624 GC/MS)
☐ 4. CBOD	☐ 13. Nitrate/Nitrite	☐ 22. Low-Level Volatiles (USEPA 524.2 GC/MS)
☐ 5. COD	☐ 14. Ammonia	☐ 23. Acids Base/Neutrals (USEPA 625 GC/MS)
☐ 6. pH	☐ 15. TKN	☐ 24. Pesticides/PCBs (USEPA 608-GC)
☐ 7. Settleable Solids	☐ 16. Total Phenols	☐ 25. PCBs at 0.065 µg/L (USEPA 608)
☐ 8. Total Solids	☐ 17. TOC	☐ 26. PCBs congener method (1668A)
☐ 9. TSS	☐ 18. Oil/Grease	☐ 27. Other _____

CONTRACT LABORATORY PROTOCOLS

☐ 28. (ALL) - Water - Includes 29-33	☐ 35. (ALL) - Soil/Sediments - Includes 36-40
☐ 29. Base/Neutral/Acid (B/N/A) Water (GC/MS)	☐ 36. Base/Neutral/Acid (B/N/A) Soil/Sediments (GC/MS)
☐ 30. Volatile Organic Analysis (VOA) Water (GC/MS)	☐ 37. Volatile Organic Analysis (VOA) Soil/Sediments (GC/MS)
☐ 31. Pesticides/PCBs Water (GC/MS)	☐ 38. Pesticides/PCBs Soil/Sediments (GC)
☐ 32. 23 Metals in Water	☐ 39. 23 Metals in Soil/Sediments
☐ 33. Cyanide in Water	☐ 40. Cyanide in Soil/Sediments
☐ 34. Dioxin - Water (1613B)	☐ 41. Doixin - Soil/Sediments (1613B)
☐ 42. Other _____	

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

☐ 43. EP Toxicity	☐ 48. EP Toxicity (Metals Only)	☐ 53. BNA (USEPA 8270 GC/MS)
☐ 44. Corrosivity	☐ 49. TCLP (Metals Only)	☐ 54. Pesticides (USEPA 8081)
☐ 45. Ignitability	☐ 50. Metals—17 Hazardous	☒ 55. PCBs (USEPA 8082)
☐ 46. Reactivity	☐ 51. Percent Solids	☐ 56. Dioxin (USEPA 8280)
☐ 47. TCLP	☐ 52. VOA (USEPA 8260 GC/MS)	☐ 57. Other _____

MUNICIPAL SLUDGE

☐ 58. RS-01 ☐ 59. RS-02 ☐ 60. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
STEVEN PERRIGO	315-426-7419	7

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
H2M Labs Inc	Oswego	03/20/08	12:14

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other shredder Fluff

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
NF807	0316	000001	☐ This Sample	☐ Grab ☒ Composite ☐ Term ____

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐	Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

NF807-0316 A8

One Copy of This Sheet Goes To: a) 625 Broadway, 4th Floor, Albany, New York 12233-3502
b) With sample to contract lab c) Retain for your records

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET
Print Legibly

CAUTION (check if applicable)
☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 1. 13PP Metals
- ☐ 2. Cyanide
- ☐ 3. BOD
- ☐ 4. CBOD
- ☐ 5. COD
- ☐ 6. pH
- ☐ 7. Settleable Solids
- ☐ 8. Total Solids
- ☐ 9. TSS
- ☐ 10. Sulfate
- ☐ 11. Reactive Phosphorus
- ☐ 12. Total Phosphorus
- ☐ 13. Nitrate/Nitrite
- ☐ 14. Ammonia
- ☐ 15. TKN
- ☐ 16. Total Phenols
- ☐ 17. TOC
- ☐ 18. Oil/Grease
- ☐ 19. Halogenated Volatiles (USEPA 601 GC)
- ☐ 20. Aromatic Volatiles (USEPA 602 GC)
- ☐ 21. Volatiles (USEPA 624 GC/MS)
- ☐ 22. Low-Level Volatiles (USEPA 524.2 GC/MS)
- ☐ 23. Acids Base/Neutrals (USEPA 625 GC/MS)
- ☐ 24. Pesticides/PCBs (USEPA 608-GC)
- ☐ 25. PCBs at 0.065 µg/L (USEPA 608)
- ☐ 26. PCBs congener method (1668A)
- ☐ 27. Other _____

CONTRACT LABORATORY PROTOCOLS

- ☐ 28. (ALL) - Water - Includes 29-33
- ☐ 29. Base/Neutral/Acid (B/N/A) Water (GC/MS)
- ☐ 30. Volatile Organic Analysis (VOA) Water (GC/MS)
- ☐ 31. Pesticides/PCBs Water (GC/MS)
- ☐ 32. 23 Metals in Water
- ☐ 33. Cyanide in Water
- ☐ 34. Dioxin - Water (1613B)
- ☐ 35. (ALL) - Soil/Sediments - Includes 36-40
- ☐ 36. Base/Neutral/Acid (B/N/A) Soil/Sediments (GC/MS)
- ☐ 37. Volatile Organic Analysis (VOA) Soil/Sediments (GC/MS)
- ☐ 38. Pesticides/PCBs Soil/Sediments (GC)
- ☐ 39. 23 Metals in Soil/Sediments
- ☐ 40. Cyanide in Soil/Sediments
- ☐ 41. Doixin - Soil/Sediments (1613B)
- ☐ 42. Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 43. EP Toxicity
- ☐ 44. Corrosivity
- ☐ 45. Ignitability
- ☐ 46. Reactivity
- ☐ 47. TCLP
- ☐ 48. EP Toxicity (Metals Only)
- ☐ 49. TCLP (Metals Only)
- ☐ 50. Metals—17 Hazardous
- ☐ 51. Percent Solids
- ☐ 52. VOA (USEPA 8260 GC/MS)
- ☐ 53. BNA (USEPA 8270 GC/MS)
- ☐ 54. Pesticides (USEPA 8081)
- ☒ 55. PCBs (USEPA 8082)
- ☐ 56. Dioxin (USEPA 8280)
- ☐ 57. Other _____

MUNICIPAL SLUDGE
☐ 58. RS-01 ☐ 59. RS-02 ☐ 60. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Steven Perrico	315-426-7419	7

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
H2M Labs Inc	Oswego	03/20/08	12:00

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other Shredder Fluff

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
MF807	03/16	00002	☐ This Sample	☐ Grab ☒ Composite ☐ Term ____

☐ Check if there will be more samples with this SDG sent in this calendar week.
SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐	Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

NF807-0316 A9

One Copy of This Sheet Goes To: a) 625 Broadway, 4th Floor, Albany, New York 12233-3502
b) With sample to contract lab c) Retain for your records

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET
Print Legibly

CAUTION (check if applicable)
☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 1. 13PP Metals
- ☐ 2. Cyanide
- ☐ 3. BOD
- ☐ 4. CBOD
- ☐ 5. COD
- ☐ 6. pH
- ☐ 7. Settleable Solids
- ☐ 8. Total Solids
- ☐ 9. TSS
- ☐ 10. Sulfate
- ☐ 11. Reactive Phosphorus
- ☐ 12. Total Phosphorus
- ☐ 13. Nitrate/Nitrite
- ☐ 14. Ammonia
- ☐ 15. TKN
- ☐ 16. Total Phenols
- ☐ 17. TOC
- ☐ 18. Oil/Grease
- ☐ 19. Halogenated Volatiles (USEPA 601 GC)
- ☐ 20. Aromatic Volatiles (USEPA 602 GC)
- ☐ 21. Volatiles (USEPA 624 GC/MS)
- ☐ 22. Low-Level Volatiles (USEPA 524.2 GC/MS)
- ☐ 23. Acids Base/Neutrals (USEPA 625 GC/MS)
- ☐ 24. Pesticides/PCBs (USEPA 608-GC)
- ☐ 25. PCBs at 0.065 µg/L (USEPA 608)
- ☐ 26. PCBs congener method (1668A)
- ☐ 27. Other _____

CONTRACT LABORATORY PROTOCOLS

- ☐ 28. (ALL) - Water - Includes 29-33
- ☐ 29. Base/Neutral/Acid (B/N/A) Water (GC/MS)
- ☐ 30. Volatile Organic Analysis (VOA) Water (GC/MS)
- ☐ 31. Pesticides/PCBs Water (GC/MS)
- ☐ 32. 23 Metals in Water
- ☐ 33. Cyanide in Water
- ☐ 34. Dioxin - Water (1613B)
- ☐ 35. (ALL) - Soil/Sediments - Includes 36-40
- ☐ 36. Base/Neutral/Acid (B/N/A) Soil/Sediments (GC/MS)
- ☐ 37. Volatile Organic Analysis (VOA) Soil/Sediments (GC/MS)
- ☐ 38. Pesticides/PCBs Soil/Sediments (GC)
- ☐ 39. 23 Metals in Soil/Sediments
- ☐ 40. Cyanide in Soil/Sediments
- ☐ 41. Doixin - Soil/Sediments (1613B)
- ☐ 42. Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 43. EP Toxicity
- ☐ 44. Corrosivity
- ☐ 45. Ignitability
- ☐ 46. Reactivity
- ☐ 47. TCLP
- ☐ 48. EP Toxicity (Metals Only)
- ☐ 49. TCLP (Metals Only)
- ☐ 50. Metals—17 Hazardous
- ☐ 51. Percent Solids
- ☐ 52. VOA (USEPA 8260 GC/MS)
- ☐ 53. BNA (USEPA 8270 GC/MS)
- ☐ 54. Pesticides (USEPA 8081)
- ☒ 55. PCBs (USEPA 8082)
- ☐ 56. Dioxin (USEPA 8280)
- ☐ 57. Other _____

MUNICIPAL SLUDGE
☐ 58. RS-01 ☐ 59. RS-02 ☐ 60. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Steven Perrigo	315-426-7419	7

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
H2M Labs Inc	Oswego	03/20/08	12:32

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other Shredder Fluff

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
NF807	03/16	00003	☐ This Sample	☐ Grab ☒ Composite ☐ Term ____

☐ Check if there will be more samples with this SDG sent in this calendar week.
SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐	Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

NF807-0316 A10

One Copy of This Sheet Goes To: a) 625 Broadway, 4th Floor, Albany, New York 12233-3502
b) With sample to contract lab c) Retain for your records

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 1. 13PP Metals
- ☐ 2. Cyanide
- ☐ 3. BOD
- ☐ 4. CBOD
- ☐ 5. COD
- ☐ 6. pH
- ☐ 7. Settleable Solids
- ☐ 8. Total Solids
- ☐ 9. TSS
- ☐ 10. Sulfate
- ☐ 11. Reactive Phosphorus
- ☐ 12. Total Phosphorus
- ☐ 13. Nitrate/Nitrite
- ☐ 14. Ammonia
- ☐ 15. TKN
- ☐ 16. Total Phenols
- ☐ 17. TOC
- ☐ 18. Oil/Grease
- ☐ 19. Halogenated Volatiles (USEPA 601 GC)
- ☐ 20. Aromatic Volatiles (USEPA 602 GC)
- ☐ 21. Volatiles (USEPA 624 GC/MS)
- ☐ 22. Low-Level Volatiles (USEPA 524.2 GC/MS)
- ☐ 23. Acids Base/Neutrals (USEPA 625 GC/MS)
- ☐ 24. Pesticides/PCBs (USEPA 608-GC)
- ☐ 25. PCBs at 0.065 µg/L (USEPA 608)
- ☐ 26. PCBs congener method (1668A)
- ☐ 27. Other _____

CONTRACT LABORATORY PROTOCOLS

- ☐ 28. (ALL) - Water - Includes 29-33
- ☐ 29. Base/Neutral/Acid (B/N/A) Water (GC/MS)
- ☐ 30. Volatile Organic Analysis (VOA) Water (GC/MS)
- ☐ 31. Pesticides/PCBs Water (GC/MS)
- ☐ 32. 23 Metals in Water
- ☐ 33. Cyanide in Water
- ☐ 34. Dioxin - Water (1613B)
- ☐ 35. (ALL) - Soil/Sediments - Includes 36-40
- ☐ 36. Base/Neutral/Acid (B/N/A) Soil/Sediments (GC/MS)
- ☐ 37. Volatile Organic Analysis (VOA) Soil/Sediments (GC/MS)
- ☐ 38. Pesticides/PCBs Soil/Sediments (GC)
- ☐ 39. 23 Metals in Soil/Sediments
- ☐ 40. Cyanide in Soil/Sediments
- ☐ 41. Doixin - Soil/Sediments (1613B)
- ☐ 42. Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 43. EP Toxicity
- ☐ 44. Corrosivity
- ☐ 45. Ignitability
- ☐ 46. Reactivity
- ☐ 47. TCLP
- ☐ 48. EP Toxicity (Metals Only)
- ☐ 49. TCLP (Metals Only)
- ☐ 50. Metals—17 Hazardous
- ☐ 51. Percent Solids
- ☐ 52. VOA (USEPA 8260 GC/MS)
- ☐ 53. BNA (USEPA 8270 GC/MS)
- ☐ 54. Pesticides (USEPA 8081)
- ☒ 55. PCBs (USEPA 8082)
- ☐ 56. Dioxin (USEPA 8280)
- ☐ 57. Other _____

MUNICIPAL SLUDGE

☐ 58. RS-01 ☐ 59. RS-02 ☐ 60. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
STEVEN E. PERRICO	315-426-7419	7

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
AJM Labs Inc	Oswego	03/20/08	12:44

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other Shredder Fluff

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
MF807	03/16	000004	☐ This Sample	☐ Grab ☒ Composite ☐ Term ____

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐ | Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

NF807-0316 A11

One Copy of This Sheet Goes To: a) 625 Broadway, 4th Floor, Albany, New York 12233-3502
b) With sample to contract lab c) Retain for your records

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET

Print Legibly

CAUTION (check if applicable)

☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 1. 13PP Metals
- ☐ 2. Cyanide
- ☐ 3. BOD
- ☐ 4. CBOD
- ☐ 5. COD
- ☐ 6. pH
- ☐ 7. Settleable Solids
- ☐ 8. Total Solids
- ☐ 9. TSS
- ☐ 10. Sulfate
- ☐ 11. Reactive Phosphorus
- ☐ 12. Total Phosphorus
- ☐ 13. Nitrate/Nitrite
- ☐ 14. Ammonia
- ☐ 15. TKN
- ☐ 16. Total Phenols
- ☐ 17. TOC
- ☐ 18. Oil/Grease
- ☐ 19. Halogenated Volatiles (USEPA 601 GC)
- ☐ 20. Aromatic Volatiles (USEPA 602 GC)
- ☐ 21. Volatiles (USEPA 624 GC/MS)
- ☐ 22. Low-Level Volatiles (USEPA 524.2 GC/MS)
- ☐ 23. Acids Base/Neutrals (USEPA 625 GC/MS)
- ☐ 24. Pesticides/PCBs (USEPA 608-GC)
- ☐ 25. PCBs at 0.065 µg/L (USEPA 608)
- ☐ 26. PCBs congener method (1668A)
- ☐ 27. Other _____

CONTRACT LABORATORY PROTOCOLS

- ☐ 28. (ALL) - Water - Includes 29-33
- ☐ 29. Base/Neutral/Acid (B/N/A) Water (GC/MS)
- ☐ 30. Volatile Organic Analysis (VOA) Water (GC/MS)
- ☐ 31. Pesticides/PCBs Water (GC/MS)
- ☐ 32. 23 Metals in Water
- ☐ 33. Cyanide in Water
- ☐ 34. Dioxin - Water (1613B)
- ☐ 35. (ALL) - Soil/Sediments - Includes 36-40
- ☐ 36. Base/Neutral/Acid (B/N/A) Soil/Sediments (GC/MS)
- ☐ 37. Volatile Organic Analysis (VOA) Soil/Sediments (GC/MS)
- ☐ 38. Pesticides/PCBs Soil/Sediments (GC)
- ☐ 39. 23 Metals in Soil/Sediments
- ☐ 40. Cyanide in Soil/Sediments
- ☐ 41. Doixin - Soil/Sediments (1613B)
- ☐ 42. Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 43. EP Toxicity
- ☐ 44. Corrosivity
- ☐ 45. Ignitability
- ☐ 46. Reactivity
- ☐ 47. TCLP
- ☐ 48. EP Toxicity (Metals Only)
- ☐ 49. TCLP (Metals Only)
- ☐ 50. Metals—17 Hazardous
- ☐ 51. Percent Solids
- ☐ 52. VOA (USEPA 8260 GC/MS)
- ☐ 53. BNA (USEPA 8270 GC/MS)
- ☐ 54. Pesticides (USEPA 8081)
- ☑ 55. PCBs (USEPA 8082)
- ☐ 56. Dioxin (USEPA 8280)
- ☐ 57. Other _____

MUNICIPAL SLUDGE

☐ 58. RS-01 ☐ 59. RS-02 ☐ 60. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
STEVEN PERRIGO	315-426-7419	7

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
H2M Labs Inc	Oswego	03/02/08	12:59

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other Shredder Fluff

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
NF807	03/16	00005	☐ This Sample	☐ Grab ☒ Composite ☐ Term ____

☐ Check if there will be more samples with this SDG sent in this calendar week.

SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐	Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

NF807-0316 A12

One Copy of This Sheet Goes To: a) 625 Broadway, 4th Floor, Albany, New York 12233-3502
b) With sample to contract lab c) Retain for your records

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
CONTRACT LAB SAMPLE INFORMATION SHEET
Print Legibly

CAUTION (check if applicable)
☐ Lab personnel are expected to use caution when handling DEC samples, however, please use special caution when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 1. 13PP Metals
- ☐ 2. Cyanide
- ☐ 3. BOD
- ☐ 4. CBOD
- ☐ 5. COD
- ☐ 6. pH
- ☐ 7. Settleable Solids
- ☐ 8. Total Solids
- ☐ 9. TSS
- ☐ 10. Sulfate
- ☐ 11. Reactive Phosphorus
- ☐ 12. Total Phosphorus
- ☐ 13. Nitrate/Nitrite
- ☐ 14. Ammonia
- ☐ 15. TKN
- ☐ 16. Total Phenols
- ☐ 17. TOC
- ☐ 18. Oil/Grease
- ☐ 19. Halogenated Volatiles (USEPA 601 GC)
- ☐ 20. Aromatic Volatiles (USEPA 602 GC)
- ☐ 21. Volatiles (USEPA 624 GC/MS)
- ☐ 22. Low-Level Volatiles (USEPA 524.2 GC/MS)
- ☐ 23. Acids Base/Neutrals (USEPA 625 GC/MS)
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- ☐ 25. PCBs at 0.065 µg/L (USEPA 608)
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- ☐ 27. Other _____

CONTRACT LABORATORY PROTOCOLS

- ☐ 28. (ALL) - Water - Includes 29-33
- ☐ 29. Base/Neutral/Acid (B/N/A) Water (GC/MS)
- ☐ 30. Volatile Organic Analysis (VOA) Water (GC/MS)
- ☐ 31. Pesticides/PCBs Water (GC/MS)
- ☐ 32. 23 Metals in Water
- ☐ 33. Cyanide in Water
- ☐ 34. Dioxin - Water (1613B)
- ☐ 35. (ALL) - Soil/Sediments - Includes 36-40
- ☐ 36. Base/Neutral/Acid (B/N/A) Soil/Sediments (GC/MS)
- ☐ 37. Volatile Organic Analysis (VOA) Soil/Sediments (GC/MS)
- ☐ 38. Pesticides/PCBs Soil/Sediments (GC)
- ☐ 39. 23 Metals in Soil/Sediments
- ☐ 40. Cyanide in Soil/Sediments
- ☐ 41. Doixin - Soil/Sediments (1613B)
- ☐ 42. Other _____

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 43. EP Toxicity
- ☐ 44. Corrosivity
- ☐ 45. Ignitability
- ☐ 46. Reactivity
- ☐ 47. TCLP
- ☐ 48. EP Toxicity (Metals Only)
- ☐ 49. TCLP (Metals Only)
- ☐ 50. Metals—17 Hazardous
- ☐ 51. Percent Solids
- ☐ 52. VOA (USEPA 8260 GC/MS)
- ☐ 53. BNA (USEPA 8270 GC/MS)
- ☐ 54. Pesticides (USEPA 8081)
- ☒ 55. PCBs (USEPA 8082)
- ☐ 56. Dioxin (USEPA 8280)
- ☐ 57. Other _____

MUNICIPAL SLUDGE
☐ 58. RS-01 ☐ 59. RS-02 ☐ 60. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO.:
Steven Perrigo	315-426-7419	7

CONTRACT LABORATORY:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
A2M Labs Inc	Oswego	03/20/08	13:05

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☐ Groundwater ☐ Surface Water ☐ Wastewater ☒ Other ~~Shredder Plant~~ TIRE Chip

CASE NO.	SDG NO.	SAMPLE NO.	CHECK FOR MS/MD	TYPE OF SAMPLE
N ☒F807	03116	0100006	☐ This Sample	☐ Grab ☒ Composite ☐ Term ____

☐ Check if there will be more samples with this SDG sent in this calendar week.
SAMPLING POINT:

Report via Category B, unless checked ☐

Check if field duplicate ☐	Outfall Number

Check if sampling is part of inspection ☐

FLOW: _____ GPD _____ MGD

SPDES NUMBER/REGISTRY NUMBER

NF807-0316 A13

IV. CHAIN OF CUSTODY FORMS

H2M LABS, INC.

22705

EXTERNAL CHAIN OF CUSTODY

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (631) 694-3040 Fax: (631) 420-8436

CLIENT: NYSDEC - R7

H2M SDG NO: NF807-0316

PROJECT NAME/NUMBER: Fortino Tire Site

SAMPLERS: (signature)/Client: Steven E. Perrigo; Tom Gragg

DELIVERABLES: Results

TURNAROUND TIME: STANDARD

NOTES:

Project Contact: Steve Perrigo

Phone Number: 315-426-7533

PIS/Quote #

DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description: Wide mouth Clear glass jar	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB (SW-846 8081)	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
3/20/08	1214	Filter	Fortino Tire Site 001	1	✓			✓			0803780-001	
3/20/08	1230	Filter	Fortino Tire Site 002	1	✓			✓			002	
3/20/08	1232	Filter	Fortino Tire Site 003	1	✓			✓			003	
3/20/08	1244	Filter	Fortino Tire Site 004	1	✓			✓			004	
3/20/08	1259	Filter	Fortino Tire Site 005	1	✓			✓			005	
3/20/08	1305	Tire Chip	Fortino Tire Site 006	1	✓						006	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	03/20/08	2254	DHL		
DHL			[signature]	3/21/08	9:30
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped ✓ or Hand Delivered ___ Airbill# 459716243447
2. Ambient or chilled, Temp 11.2
3. Received in good condition: (Y) or N
4. Properly preserved: (Y) or N

COC Tape was:
1. Present on outer package: (Y) or N
2. Unbroken on outer package: (Y) or N
3. COC record present & complete upon sample receipt: (Y) or N

NF807-0316-A15

WHITE COPY - ORIGINAL

YELLOW COPY - CLIENT

PINK COPY - LABORATORY

SAMPLE LOG-IN SHEET

Lab Name: H2M LABS, INC. Page 1 of 1

Received by (Print Name): CORINNE MOLINET Log-in Date: 3-21-08

Received by (Signature): [signature]

Case Number: NF807
SDG Number: 0316
SAS Number: _____

	NYSDEC SAMPLE #	CORRESPONDING SAMPLE TAG #	CORRESPONDING ASSIGNED LAB #	REMARKS: CONDITION OF SAMPLE SHIPMENT, ETC.
	001		0803780-001A	
	002		002A	
	003		003A	
	004		004A	
	005		005A	
	006		006A	

REMARKS:

1. Custody Seal(s) Present/Absent* Intact/Broken
2. Custody Seal Numbers: _____
3. Chain-of-Custody Records Present/Absent*
4. Contract Lab Sample Inform. Sheet (CLSIS) Present/Absent*
5. Airbill Airbill/Sticker Present/Absent*
6. Airbill No.: 459716, 24344
7. Sample Tags Sample Tag Nos. Present/Absent* Listed/Not Listed on Chain-of-Custody
8. Sample Condition Intact/Broken*/ Leaking
9. Does Information on custody rec., CLSIS, & sample tags agree Yes/No*
10. Date received at Lab: 3-21-08
11. Time Received: 9:30

Sample Transfer

Fraction: ASPBS-0802_S
Area #: SP
By: CAM
On: 3-21-08

* Contact BTSR and attach record of resolution

Reviewed By: IRA
Date: 3/24/08

Logbook No.: _____
Logbook Page No.: _____

FORM DC-1

NF807-0316 A16

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: DEC DELIVERABLES: BOS-72 TURN AROUND TIME: 21DAY

SDG #: NF807-0316 CASE #: NF807 MATRIX: SOLID pH CHECK Y or N

REMARKS:

RECEIVED BY: CAM SIGNATURE: [signature] DATE: 3/21/08 TIME: 9:30

JSA 3/24/08

CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
001	0803780-001A	3/20/08	16 OZ AG	1	ASP-B6-8082-S, %MOIST
002	-002A				
003	-003A				
004	-004A				
005	-005A				
006	-006A				
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

CAM 3/21/08

NF807-0316 A17

H2M LABS, INC.

CLIENT: DEC

SDG #: NF807-0316

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
3/21/08	10:00	SIGN [signature]	SIGN [signature]	16OZ JAR	PREP	
3/25/0[illegible]	1720	SIGN	SIGN [signature]	[illegible] 8oz [illegible]	Analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
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		SIGN	SIGN			
		SIGN	SIGN			

NF807-0316 A18

SPECIAL PROCESS

V. NYSDEC DATA PACKAGE SUMMARY FORMS

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

SDG: NF807-0316

Analytical Requirements

Customer Sample Code	Laboratory Sample Code	GCSEMI
000001	0803780-001	X
000002	0803780-002	X
000003	0803780-003	X
000004	0803780-004	X
000005	0803780-005	X
000006	0803780-006	X

CLP, (Non-CLP (Please indicate year of protocol)

ASP B 2005

MTM 4/14/08

NF807-0316 A20

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB/HERB
ANALYSES

SDG: NF807-0316

Laboratory Samp ID	Client Sample ID	Matrix	Analytical Protocol	Date Collected	DateRecd at Lab	Date Extracted	Date Analyzed	Extraction Method	DF	Level	Aux Cleanup
0803780-001A	000001	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	25-Mar-08	PFEX	1	LOW	SLFR H2SO4
0803780-001ADL	000001DL	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	26-Mar-08	PFEX	25	LOW	SLFR H2SO4
0803780-002A	000002	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	25-Mar-08	PFEX	1	LOW	SLFR H2SO4
0803780-002ADL	000002DL	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	26-Mar-08	PFEX	50	LOW	SLFR H2SO4
0803780-003A	000003	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	25-Mar-08	PFEX	1	LOW	SLFR H2SO4
0803780-003ADL	000003DL	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	26-Mar-08	PFEX	25	LOW	SLFR H2SO4
0803780-004A	000004	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	25-Mar-08	PFEX	1	LOW	SLFR H2SO4
0803780-004ADL	000004DL	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	26-Mar-08	PFEX	25	LOW	SLFR H2SO4
0803780-005A	000005	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	25-Mar-08	PFEX	1	LOW	SLFR H2SO4
0803780-005ADL	000005DL	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	26-Mar-08	PFEX	10	LOW	SLFR H2SO4
0803780-006A	000006	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	25-Mar-08	PFEX	1	LOW	SLFR H2SO4
0803780-006ADL	000006DL	Soil	SW8082	20-Mar-08	21-Mar-08	24-Mar-08	26-Mar-08	PFEX	10	LOW	SLFR H2SO4

VI. ANALYTICAL DATA PACKAGES

A. PCBs

NF807-0316

H2M LABS, INC.

PESTICIDES/PCBs

TABLE OF CONTENTS

I. QC SUMMARY

II. SAMPLE DATA PACKAGE

III. STANDARDS DATA PACKAGE

IV. RAW QC DATA PACKAGE

V. DOCUMENTATION

H2M LABS, INC.

I. QC SUMMARY FOR PESTICIDES/PCBs

A. SURROGATE RECOVERY SUMMARY
B. MS/MSD SUMMARY
C. MSB SUMMARY
D. METHOD BLANK SUMMARY
E. INSTRUMENT DETECTION LIMITS

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	Other (1)	Other (2)	TOT OUT
01	MB-25569	137	139	115	107			0
02	LFB-25569	132	136	111	104			0
03	000001	105	106	108	101			0
04	000002	108	114	91	176 *			1
05	000003	102	105	135	268 *			1
06	000004	115	118	146	129			0
07	000005	119	115	94	80			0
08	000006	95	96	70	59			0
09	000001DL	0	0	0	0			0
10	000002DL	0	0	0 D	0 D			0
11	000003DL	0	0	0 D	0 D			0
12	000004DL	0	0	0 D	0 D			0
13	000005DL	0	0	0	0			0
14	000006DL	0	0	0	0			0

QC Limits

TCX = Tetrachloro-m-xylene (30-150)

DCB = Decachlorobiphenyl (30-150)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

3A

SYSTEM MONITORING SPIKE RECOVERY

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: NF807 SAS No.: SDG No.: NF807-0316

Sample ID LFB-25569 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (µg/Kg)	SAMPLE CONCENTRATION (µg/Kg)	SPIKE CONCENTRATION (µg/Kg)	SPIKE % REC #	QC. LIMITS REC.
Aroclor 1016	170	0	220	132	50-136
Aroclor 1260	170	0	210	128	45-154

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 2 outside limits

COMMENTS:

4C

EPA SAMPLE NO.

MB-25569

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: MB-25569 Lab File ID: a00208.raw

Matrix: (soil/water) S Extraction: (Type) PFEX

Sulfur Cleanup: (Y/N) Y Date Extracted: 03/24/08

Date Analyzed (1): 03/25/08 Date Analyzed (2): 03/25/08

Time Analyzed (1): 16:31 Time Analyzed (2): 16:31

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column (1): CLP ID: .32 (mm) GC Column (2): CLP2 ID: .32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	LFB-25569	LFB-25569	3/25/2008	3/25/2008
2	000001	0803780-001A	3/25/2008	3/25/2008
3	000002	0803780-002A	3/25/2008	3/25/2008
4	000003	0803780-003A	3/25/2008	3/25/2008
5	000004	0803780-004A	3/25/2008	3/25/2008
6	000005	0803780-005A	3/25/2008	3/25/2008
7	000006	0803780-006A	3/25/2008	3/25/2008
8	000001DL	0803780-001ADL	3/26/2008	3/26/2008
9	000002DL	0803780-002ADL	3/26/2008	3/26/2008
10	000003DL	0803780-003ADL	3/26/2008	3/26/2008
11	000004DL	0803780-004ADL	3/26/2008	3/26/2008
12	000005DL	0803780-005ADL	3/26/2008	3/26/2008
13	000006DL	0803780-006ADL	3/26/2008	3/26/2008

COMMENTS: _____

_____

MDL STUDY

Date Revised:3/30/07	
Method Description: PESTICIDE/PCB	Analyst: CARISSA SALVATO
Preparation Method: Accelerated Solvent Extractor	Quality Assurance: Nicole Crespi
INST.: Agilent 6890	Matrix: SOIL

			Replicate Measurement (ug/kg)											
Analysis Date	Analyte	Spike Concentration (ug/kg)	1	2	3	4	5	6	7	Average (ug/kg)	Spike Recovery (%)	Std. Dev.	MDL (ug/kg)	Reporting Limit (ug/kg)
3/30/2007	ALPHA-BHC	1.33	1.03	1.10	1.06	1.00	0.96	1.00	1.14	1.043	78.42	0.0613	0.1926	1.7
3/30/2007	GAMMA-BHC	1.33	1.14	1.22	1.17	1.14	1.05	1.08	1.24	1.146	86.15	0.0684	0.2148	1.7
3/30/2007	BETA-BHC	1.33	1.41	1.47	1.41	1.39	1.29	1.33	1.51	1.402	105.38	0.0772	0.2424	1.7
3/30/2007	DELTA-BHC	1.33	1.18	1.28	1.17	1.08	1.08	1.10	1.30	1.170	87.93	0.0895	0.281	1.7
3/30/2007	HEPTACHLOR	1.33	1.17	1.27	1.22	1.14	1.13	1.14	1.32	1.196	89.95	0.0735	0.2306	1.7
3/30/2007	ALDRIN	1.33	1.22	1.30	1.25	1.17	1.15	1.18	1.33	1.229	92.39	0.0674	0.2117	1.7
3/30/2007	ISODRIN	1.33	1.34	1.41	1.35	1.26	1.26	1.29	1.43	1.334	100.31	0.0686	0.2154	3.3
3/30/2007	HEPTACHLOR EPOXIDE	1.33	1.28	1.34	1.29	1.22	1.19	1.25	1.39	1.281	96.29	0.0684	0.2148	1.7
3/30/2007	GAMMA-CHLORDANE	1.33	1.42	1.51	1.48	1.36	1.37	1.44	1.58	1.452	109.19	0.0782	0.2455	1.7
3/30/2007	ALPHA-CHLORDANE	1.33	1.18	1.40	1.33	1.24	1.23	1.29	1.41	1.296	97.42	0.0877	0.2752	1.7
3/30/2007	ENDOSULFAN I	1.33	1.27	1.33	1.26	1.21	1.20	1.22	1.35	1.263	94.93	0.0605	0.19	1.7
3/30/2007	4,4'-DDE	1.33	1.16	1.22	1.17	1.09	1.09	1.12	1.25	1.158	87.10	0.0627	0.1968	3.3
3/30/2007	DIELDRIN	1.33	1.20	1.26	1.19	1.12	1.12	1.13	1.26	1.183	88.93	0.0602	0.1891	3.3
3/30/2007	ENDRIN	1.33	1.20	1.27	1.21	1.12	1.11	1.14	1.29	1.191	89.56	0.0723	0.2269	3.3
3/30/2007	4,4'-DDD	1.33	1.20	1.27	1.19	1.12	1.12	1.15	1.27	1.189	89.42	0.0623	0.1958	3.3
3/30/2007	ENDOSULFAN II	1.33	1.31	1.39	1.29	1.19	1.21	1.24	1.43	1.293	97.22	0.0898	0.282	3.3
3/30/2007	4,4'-DDT	1.33	1.17	1.31	1.26	1.15	1.15	1.18	1.32	1.222	91.85	0.0761	0.2388	3.3
3/30/2007	ENDRIN ALDEHYDE	1.33	0.87	0.90	0.87	0.80	0.80	0.81	0.94	0.856	64.35	0.0538	0.1689	3.3
3/30/2007	METHOXYCHLOR	1.33	1.38	1.44	1.39	1.28	1.32	1.36	1.45	1.375	103.38	0.0621	0.195	17
3/30/2007	ENDOSULFAN SULFATE	1.33	1.35	1.45	1.38	1.24	1.29	1.31	1.54	1.367	102.79	0.1017	0.3194	3.3
3/30/2007	ENDRIN KETONE	1.33	1.37	1.47	1.42	1.38	1.32	1.32	1.47	1.392	104.64	0.0624	0.1959	3.3
3/30/2007	TOXAPHENE	83.3	61.19	55.67	60.68	50.68	63.08	65.30	54.15	58.68	70.44	5.277	16.57	170
3/30/2007	AROCLOR 1016	8.33	10.02	10.20	10.81	10.75	10.55	10.27	10.37	10.425	125.15	0.2927	0.919	33
3/30/2007	AROCLOR 1260	8.33	9.77	9.98	10.33	10.67	10.54	10.29	10.76	10.333	124.04	0.3608	1.133	33
3/30/2007	Techn. Chlordane	13.3	11.88	11.15	12.15	11.95	10.78	11.10	9.86	11.266	84.71	0.8051	2.528	33

NF807-0316 P6

II. SAMPLE DATA PACKAGE FOR PESTICIDES/PCBs

A. REPORTS
B. CHROMATOGRAMS AND DATA SYSTEM REPORTS

QUALIFIERS FOR REPORTING ORGANICS DATA

Value - If the result is a value greater than or equal to the quantification limit, report the value.

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10U for phenol in water if the sample final volume is the protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must also be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor, the sample quantitation limit for phenol (330 U) would be corrected to:

$$\frac{(300\ U)}{D} \times df \text{ where } D = \frac{100\% moisture}{100}$$

and df - dilution factor

For example, at 24% moisture, $D = \frac{100 - 24}{100} = 0.76$

$$\frac{(300\ U)}{.76} \times 10 = 4300\ U$$ rounded to the appropriate number of significant figures

For semivolatile soil samples, the extract must be concentrated to 0.5 mL, and the sensitivity of the analysis is not compromised by the cleanup procedures. Similarly, pesticide samples subjected to GPC are concentrated to 5.0 mL. Therefore, the CRQL values in Exhibit C will apply to all samples, regardless of cleanup. However, if a sample extract cannot be concentrated to the protocol-specified volume (see Exhibit C), this fact must be accounted for in reporting the sample quantitation limit.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified quantification limit but greater than zero. (e.g.: If limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, report as 3J.) The sample quantitation limit must be adjusted for dilution as discussed for the U flag.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported of Form I with a "P".

C - This flag applies to pesticide results when the identification has been confirmed by GC/MS.. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag, instead use a Laboratory defined flag, discussed below.

B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified target compound.

H2M LABS, INC.

E - This flag identified compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in Exhibit D, the sample or extract must be diluted and re-analyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration ranges in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number. NOTE: For total xylenes, where three isomers are quantified as two peaks, the calibration range of each peak should be considered separately, e.g. a diluted analysis is not required for total xylenes unless the concentration of the peak representing the single isomer exceed 200 ug/L or the peak representing the two coeluting isomers on that GC column exceed 400 ug/L. Similarly, if the two 1,2-Dichloroethene isomers coelute, a diluted analysis is not required unless the concentration exceed 400 ug/L.

D - This flag identifies all compounds identified in an analysis at a secondary-dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag. This flag alerts data users that any discrepancies between the concentrations reported may be due to dilution of the sample or extract.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - Other specific flags may be required to properly define the results. If used, they must be fully described and such description attached to the Sample Data Summary Package and the SDG narrative. Begin by using "X". If more than one flag is required use "Y" and "Z" as needed. If more than five qualifiers are required for a sample result, used the "X" flag to combine several flags as needed. For instance, the "X" flag might combine "A", "B", and "D" flags for some samples. The laboratory defined flags limited to the letters "X", "Y" and "Z".

The combination of flags "BU' or "UB" is expressly prohibited. Blank contaminants are flagged "B" only when they are detected in the sample.

X- This qualifier indicates that low levels of certain aroclors may be masked due to the high presence of another aroclor.

Y- This qualifier indicates that there are biased high results due to the overlapping patters of certain aroclors

AO 4/9/08

NF807-0316 P9

H2M Labs. Inc.

CODES FOR MANUAL CORRECTIONS

T: Transcription error.

CE: Calculation error

CC: Changed per client request

SC: Sample cancelled

LB: Wrong spot in logbook

The following codes are specific to chromatography:

GC / IC:

MS (Match standard): The integration of the continuous calibration or the sample was different from that used for the initial calibration, e.g. more or less of the tail was included.

BL (Baseline): Incorrect integration due to changing baseline (rise or fall).

NP (Negative peak): Due to a negative displacement in the baseline, wrong areas were integrated, which usually are too high.

FP (Fused peak): A contamination is not resolved from the peak that is eluting in the retention time window and is included in the area. Areas are allocated for the two (or more) unresolved peaks in the manual integration.

WB (Wrong basepoint): The start or finish of the peak ("basepoint") was put too high or too low, and the basepoint is corrected to match to projected baseline.

R (Rider): The peak is riding on a larger contamination, and is reintegrated as a rider.

GC-MS:

MP: Missed peak

MIP: Misintegrated peak

WI: Wrong isomer

TI: Total of isomers

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000001

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-001A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00210.raw

% Moisture: 30.7 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/25/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	48	UX
11104-28-2	Aroclor 1221	97	U
11141-16-5	Aroclor 1232	48	UX
53469-21-9	Aroclor 1242	4700	E
12672-29-6	Aroclor 1248	48	UX
11097-69-1	Aroclor 1254	5600	E
11096-82-5	Aroclor 1260	1400	EY

Software Version	: 6.3.1.0504	Date	: 4/3/2008 4:50:44 PM
Reprocess Number	: I-21865: 87825		
Operator	: manager		
Sample Number	: 000001	Sample Name	: 0803780-001A
AutoSampler	: NONE	Study	: samp","aspb5-8082_s
Instrument Name	: 6890-2	Rack/Vial	: 0/0
Interface Serial #	: 9144290001	Channel	: A
Delay Time	: 0.00 min	A/D mV Range	: 1000
Sampling Rate	: 4.1660 pts/s	End Time	: 24.00 min
Sample Volume	: 0.500000 ul		
Sample Amount	: 1.0000	Area Reject	: 10.000000
Data Acquisition Time	: 3/25/2008 5:28:41 PM	Dilution Factor	: 1.00
		Cycle	: 4

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00210.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00210.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00210.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00210.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00210.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold	: 25	Area Threshold	: 500
Bunch Factor	: 2	Multiplier	: 667.0000
Divisor	: 1.0000	Addend	: 0.0000

User1	: HP6890-2
User2	: Rtx-CLP
User3	: 0.32
User4	:
User5	:
User6	:
User7	:
User8	:
User9	:
User10	:
Total number of peaks detected	: 138

Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	34.0582	9.28	2553	0.05106	0.10212	50000
	95.1348	9.37	7132	0.14263	0.28526	50000
TCX	13.9997	9.42	97376	0.02099	0.04198	4639369
	14.1032	9.67	1057	0.02114	0.04229	50000
	136.1582	9.92	10207	0.20414	0.40827	50000
	32.6569	10.08	2448	0.04896	0.09792	50000
	225.0496	10.30	16870	0.33741	0.67481	50000
	1079.2127	10.40	80901	1.61801	3.23602	50000
	416.0977	10.70	31192	0.62383	1.24767	50000
	885.0908	10.85	66349	1.32697	2.65395	50000
	579.3793	11.11	43432	0.86863	1.73727	50000
AROCLOR-1242-1	1907.5569	11.26	477835	2.85991	5.71981	167081
	198.4572	11.39	14877	0.29754	0.59507	50000
	1064.8747	11.55	79826	1.59651	3.19303	50000
	3277.2197	11.70	245669	4.91337	9.82675	50000
	2305.4013	11.75	172819	3.45637	6.91275	50000
	661.8782	11.82	49616	0.99232	1.98464	50000
	38.3909	11.92	2878	0.05756	0.11512	50000
	18.8532	11.98	1413	0.02827	0.05653	50000
	8.0181	12.06	601	0.01202	0.02404	50000
	1685.5420	12.18	126352	2.52705	5.05410	50000
AROCLOR-1242-2	2058.5018	12.30	481814	3.08621	6.17242	156118
AROCLOR-1242-3	3766.2384	12.35	1269094	5.64653	11.29307	224756

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4/3/2008 4:50:44 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00210.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	1243.4724	12.47	93214	1.86428	3.72855	50000
	482.7299	12.55	36187	0.72373	1.44747	50000
	2725.1847	12.63	204287	4.08573	8.17147	50000
	2271.1450	12.69	170251	3.40501	6.81003	50000
	3952.1754	12.77	296265	5.92530	11.85060	50000
	761.6828	12.95	57098	1.14195	2.28391	50000
	11187.1458	13.04	838617	16.77233	33.54466	50000
	7917.7777	13.09	593537	11.87073	23.74146	50000
	5075.5832	13.17	380479	7.60957	15.21914	50000
	378.0979	13.26	28343	0.56686	1.13373	50000
	18.7797	13.37	1408	0.02816	0.05631	50000
	60.5647	13.44	4540	0.09080	0.18160	50000
AROCLOR-1242-4	5789.1456	13.52	1061263	8.67938	17.35876	122274
	4455.1681	13.57	333971	6.67941	13.35882	50000
	8709.9701	13.70	652921	13.05843	26.11685	50000
	7040.7691	13.78	527794	10.55588	21.11175	50000
	763.3578	13.85	57223	1.14446	2.28893	50000
	2872.1179	14.00	215301	4.30602	8.61205	50000
	241.7237	14.07	18120	0.36240	0.72481	50000
	687.8319	14.15	51562	1.03123	2.06246	50000
	4530.8921	14.22	339647	6.79294	13.58588	50000
AROCLOR-1254-1	3627.7129	14.31	925879	5.43885	10.87770	170234
AROCLOR-1242-5	4370.8879	14.40	841623	6.55306	13.10611	128432
	11219.7175	14.46	841058	16.82117	33.64233	50000
	393.3701	14.61	29488	0.58976	1.17952	50000
	2879.6454	14.74	215865	4.31731	8.63462	50000
	7779.9304	14.79	583203	11.66406	23.32813	50000
AROCLOR-1254-2	4878.2270	14.85	1714226	7.31368	14.62737	234386
	7500.7978	14.92	562279	11.24557	22.49115	50000
	284.2398	15.01	21307	0.42615	0.85229	50000
	637.2700	15.10	47771	0.95543	1.91085	50000
	1282.3678	15.21	96130	1.92259	3.84518	50000
	7638.9357	15.31	572634	11.45268	22.90535	50000
AROCLOR-1254-3	4359.8365	15.40	1235833	6.53649	13.07297	189067
	5356.2509	15.48	401518	8.03036	16.06072	50000
AROCLOR-1254-4	----------	15.63	2185366	----------	----------	----------
	2845.6367	15.73	213316	4.26632	8.53264	50000
	7579.1503	15.87	568152	11.36304	22.72609	50000
	376.7783	15.94	28244	0.56488	1.12977	50000
	10330.6528	16.00	774412	15.48824	30.97647	50000
	2294.8488	16.10	172028	3.44055	6.88111	50000
AROCLOR-1254-5	4325.7434	16.19	1613350	6.48537	12.97074	248768
	1363.1639	16.31	102186	2.04372	4.08745	50000
	2373.3347	16.44	177911	3.55822	7.11645	50000
	22274.4360	16.55	1669748	33.39496	66.78991	50000
	998.7636	16.64	74870	1.49740	2.99479	50000
	14348.1418	16.74	1075573	21.51146	43.02291	50000
	5600.3685	16.80	419818	8.39635	16.79271	50000
	2008.1922	16.89	150539	3.01078	6.02157	50000
	2078.0943	16.99	155779	3.11558	6.23117	50000
	----------	17.09	2646103	----------	----------	----------
	2278.1215	17.26	170774	3.41547	6.83095	50000
AROCLOR-1260-1	858.3187	17.32	269569	1.28683	2.57367	209482
	2094.7114	17.41	157025	3.14050	6.28099	50000
	759.9159	17.59	56965	1.13930	2.27861	50000
	8416.3581	17.66	630911	12.61823	25.23646	50000
	1232.5146	17.74	92392	1.84785	3.69570	50000
AROCLOR-1260-2	944.5293	17.80	326967	1.41609	2.83217	230895
	1835.2183	17.88	137573	2.75145	5.50290	50000
	1521.9668	17.97	114090	2.28181	4.56362	50000
	195.1041	18.06	14625	0.29251	0.58502	50000
	4808.0095	18.14	360420	7.20841	14.41682	50000
	1470.0734	18.22	110200	2.20401	4.40802	50000
	1707.5049	18.27	127999	2.55998	5.11995	50000
AROCLOR-1260-3	1149.0000	18.39	918775	1.72264	3.44528	533353
	437.5724	18.48	32802	0.65603	1.31206	50000
	248.8041	18.54	18651	0.37302	0.74604	50000

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4/3/2008 4:50:44 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00210.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	38.1360	18.64	2859	0.05718	0.11435	50000
	34.6107	18.76	2595	0.05189	0.10378	50000
	33.2946	18.86	2496	0.04992	0.09983	50000
AROCLOR-1260-4	1204.5849	18.94	503613	1.80597	3.61195	278859
	3660.8558	19.00	274427	5.48854	10.97708	50000
	4452.0205	19.08	333735	6.67469	13.34939	50000
	26.6207	19.33	1996	0.03991	0.07982	50000
	713.5545	19.45	53490	1.06980	2.13959	50000
	265.2354	19.57	19883	0.39765	0.79531	50000
	1201.8634	19.64	90095	1.80189	3.60379	50000
	322.2934	19.72	24160	0.48320	0.96640	50000
	85.4163	19.83	6403	0.12806	0.25612	50000
	34.9581	19.95	2621	0.05241	0.10482	50000
	38.6615	19.99	2898	0.05796	0.11593	50000
AROCLOR-1260-5	1158.5406	20.13	250157	1.73694	3.47388	144021
	1083.7048	20.18	81237	1.62474	3.24949	50000
	2615.1726	20.22	196040	3.92080	7.84160	50000
	21.0802	20.36	1580	0.03160	0.06321	50000
	360.4306	20.45	27019	0.54038	1.08075	50000
	3395.4140	20.67	254529	5.09058	10.18115	50000
	89.3309	20.75	6696	0.13393	0.26786	50000
	62.4257	20.93	4680	0.09359	0.18718	50000
DCB	14.3711	21.04	111995	0.02155	0.04309	5197985
	113.9132	21.12	8539	0.17078	0.34157	50000
	448.9300	21.22	33653	0.67306	1.34612	50000
	74.6155	21.26	5593	0.11187	0.22373	50000
	3680.0518	21.33	275866	5.51732	11.03464	50000
	33.4329	21.49	2506	0.05012	0.10025	50000
	165.6421	21.54	12417	0.24834	0.49668	50000
	40.4273	21.68	3031	0.06061	0.12122	50000
	146.9752	21.74	11018	0.22035	0.44071	50000
	128.9537	21.84	9667	0.19333	0.38667	50000
	352.5994	21.91	26432	0.52863	1.05727	50000
	583.2827	22.06	43724	0.87449	1.74897	50000
	632.9316	22.15	47446	0.94892	1.89785	50000
	401.9584	22.21	30132	0.60264	1.20527	50000
	617.6257	22.25	46299	0.92598	1.85195	50000
	312.6028	22.32	23433	0.46867	0.93734	50000
	381.5846	22.39	28605	0.57209	1.14418	50000
	922.6177	22.44	69162	1.38323	2.76647	50000
	262.9176	22.62	19709	0.39418	0.78836	50000
	464.1095	22.69	34791	0.69582	1.39163	50000
	967.4980	22.76	72526	1.45052	2.90104	50000
	511.8695	22.87	38371	0.76742	1.53484	50000
	701.9772	22.96	52622	1.05244	2.10488	50000
	730.6541	23.05	54772	1.09543	2.19087	50000
	363.9800	23.11	27285	0.54570	1.09139	50000
	553.5423	23.19	41495	0.82990	1.65980	50000
				445.48527	890.97054	18875082

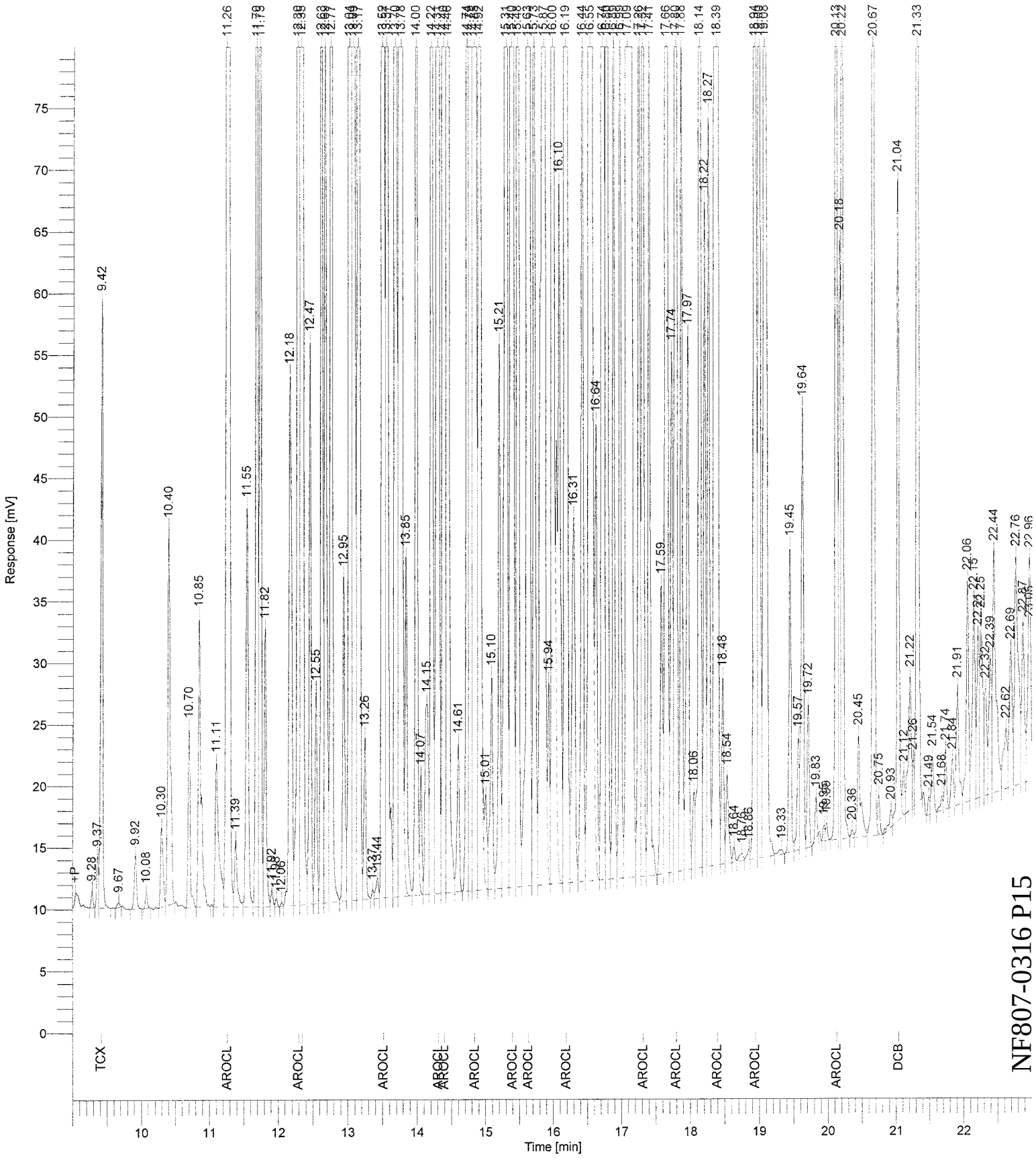
Warning -- Signal level out-of-range in peak

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00210.TX0

NF807-0316 P14

Chromatogram

Sample Name : 0803780-001A Sample #: 000001 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00210.raw
Date : 4/3/2008 4:50:47 PM
Method : pest Time of Injection: 3/25/2008 5:28:41 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87826
Operator : manager
Sample Number : 000001
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 5:28:41 PM

Date : 4/3/2008 4:50:49 PM

Sample Name : 0803780-001A
Study : samp","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 4

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00210.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00210.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00210.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00210.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00210.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 144
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	41.3207	8.40	3098	0.06195	0.12390	50000
	9.9881	8.58	749	0.01497	0.02995	50000
	44.6211	8.71	3345	0.06690	0.13380	50000
	65.9359	8.84	4943	0.09885	0.19771	50000
	12.6234	9.24	946	0.01893	0.03785	50000
TCX	14.1597	9.32	152142	0.02123	0.04246	7166746
	70.8502	9.61	5311	0.10622	0.21244	50000
	142.1040	9.67	10652	0.21305	0.42610	50000
	13.1410	9.83	985	0.01970	0.03940	50000
	22.6884	9.99	1701	0.03402	0.06803	50000
	176.0603	10.11	13198	0.26396	0.52792	50000
	124.3445	10.27	9321	0.18642	0.37285	50000
	28.3478	10.41	2125	0.04250	0.08500	50000
	250.4251	10.46	18772	0.37545	0.75090	50000
	315.8641	10.54	23678	0.47356	0.94712	50000
	1224.0171	10.61	91755	1.83511	3.67022	50000
	18.7013	10.71	1402	0.02804	0.05608	50000
	901.8544	10.79	67605	1.35211	2.70421	50000
	347.3179	10.92	26036	0.52072	1.04143	50000
	22.3366	11.00	1674	0.03349	0.06698	50000
	606.9417	11.13	45498	0.90996	1.81992	50000
	954.1945	11.29	71529	1.43058	2.86115	50000
	89.9827	11.41	6745	0.13491	0.26981	50000

NF807-0316 P16

4/3/2008 4:50:49 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00210.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
AROCLOR-1242-1	2026.9792	11.55	506212	3.03895	6.07790	166575
	3073.0581	11.58	230364	4.60728	9.21457	50000
	635.3003	11.68	47624	0.95247	1.90495	50000
	186.2770	11.77	13964	0.27928	0.55855	50000
	933.5859	11.81	69984	1.39968	2.79936	50000
	66.5233	11.90	4987	0.09974	0.19947	50000
	5740.7211	12.02	430339	8.60678	17.21356	50000
	3470.1424	12.10	260131	5.20261	10.40522	50000
	96.7774	12.19	7255	0.14509	0.29019	50000
	1649.8363	12.34	123676	2.47352	4.94704	50000
	903.3974	12.39	67721	1.35442	2.70884	50000
	40.7845	12.46	3057	0.06115	0.12229	50000
AROCLOR-1242-2	2017.3520	12.53	642571	3.02452	6.04903	212454
AROCLOR-1242-3	----------	12.57	1969197	----------	----------	----------
	86.9153	12.68	6515	0.13031	0.26062	50000
	6386.9882	12.85	478785	9.57569	19.15139	50000
	587.9402	12.94	44073	0.88147	1.76294	50000
	5325.5026	13.07	399213	7.98426	15.96852	50000
	2727.8287	13.13	204485	4.08970	8.17940	50000
	17460.7870	13.28	1308905	26.17809	52.35618	50000
	12733.3852	13.37	954527	19.09053	38.18107	50000
	7851.4695	13.44	588566	11.77132	23.54264	50000
	27.9317	13.55	2094	0.04188	0.08375	50000
	63.1084	13.63	4731	0.09462	0.18923	50000
	195.4786	13.76	14654	0.29307	0.58614	50000
AROCLOR-1242-4	5815.7393	13.84	1625602	8.71925	17.43850	186438
	6341.2077	13.92	475353	9.50706	19.01412	50000
	2289.7638	13.96	171646	3.43293	6.86586	50000
	19204.2467	14.09	1439599	28.79197	57.58395	50000
	1799.0268	14.13	134860	2.69719	5.39438	50000
	540.2440	14.25	40498	0.80996	1.61992	50000
	4353.2317	14.39	326329	6.52658	13.05317	50000
	5957.6474	14.48	446600	8.93201	17.86401	50000
	15835.0976	14.61	1187039	23.74078	47.48155	50000
AROCLOR-1254-1	----------	14.69	2424248	----------	----------	----------
	2975.9031	14.84	223081	4.46162	8.92325	50000
	4284.1561	14.95	321151	6.42302	12.84605	50000
AROCLOR-1254-2	----------	15.07	1816416	----------	----------	----------
	10338.3149	15.17	774986	15.49972	30.99944	50000
	11916.9653	15.19	893326	17.86651	35.73303	50000
	7418.7993	15.25	556132	11.12264	22.24528	50000
	862.5943	15.34	64662	1.29324	2.58649	50000
	1570.9170	15.52	117760	2.35520	4.71040	50000
	9513.8553	15.64	713183	14.26365	28.52730	50000
	911.8431	15.70	68354	1.36708	2.73416	50000
	20041.8585	15.76	1502388	30.04776	60.09553	50000
	7348.8835	15.87	550891	11.01782	22.03563	50000
	2030.0923	15.91	152181	3.04362	6.08723	50000
AROCLOR-1254-3	----------	15.97	2425232	----------	----------	----------
	4237.4463	16.05	317650	6.35299	12.70599	50000
	1213.8851	16.15	90996	1.81992	3.63984	50000
	2644.8554	16.19	198265	3.96530	7.93060	50000
	1676.9818	16.24	125711	2.51422	5.02843	50000
	6593.6985	16.32	494280	9.88560	19.77121	50000
	15120.0739	16.36	1133439	22.66878	45.33755	50000
AROCLOR-1254-4	----------	16.42	2034954	----------	----------	----------
	338.5887	16.51	25381	0.50763	1.01526	50000
	5173.6683	16.65	387831	7.75662	15.51325	50000
	632.5486	16.73	47417	0.94835	1.89670	50000
AROCLOR-1254-5	3864.7009	16.77	1357215	5.79415	11.58831	234239
	314.6528	16.88	23587	0.47174	0.94349	50000
	294.0512	16.97	22043	0.44086	0.88171	50000
	11948.1788	17.05	895666	17.91331	35.82662	50000
	27679.8935	17.11	2074955	41.49909	82.99818	50000
	3243.1835	17.25	243117	4.86234	9.72469	50000
	2517.0766	17.34	188686	3.77373	7.54746	50000
	8278.8782	17.42	620606	12.41211	24.82422	50000

NF807-0316 P17

4/3/2008 4:50:49 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00210.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	----------	17.45	2605179	----------	----------	----------
	310.7173	17.56	23292	0.46584	0.93169	50000
AROCLOR-1260-1	1237.8732	17.64	579201	1.85588	3.71176	312089
	2798.1724	17.74	209758	4.19516	8.39032	50000
	147.0508	17.82	11023	0.22047	0.44093	50000
	97.6781	17.86	7322	0.14644	0.29289	50000
	2061.2414	17.94	154516	3.09032	6.18063	50000
	259.4906	18.04	19452	0.38904	0.77808	50000
	10775.5426	18.15	807762	16.15524	32.31047	50000
AROCLOR-1260-2	752.7389	18.21	390560	1.12854	2.25709	346075
	2818.5848	18.34	211288	4.22576	8.45153	50000
	294.7110	18.39	22092	0.44185	0.88369	50000
	7422.2118	18.48	556388	11.12775	22.25551	50000
	1194.4612	18.55	89540	1.79080	3.58159	50000
	1278.5284	18.63	95842	1.91683	3.83367	50000
AROCLOR-1260-3	818.5063	18.69	981177	1.22715	2.45429	799560
	227.8868	18.82	17083	0.34166	0.68332	50000
	448.9038	18.92	33651	0.67302	1.34604	50000
	1874.9586	19.03	140552	2.81103	5.62206	50000
	2697.7443	19.12	202230	4.04459	8.08919	50000
	226.7336	19.26	16997	0.33993	0.67986	50000
AROCLOR-1260-4	1100.2285	19.39	903403	1.64952	3.29904	547677
	3333.8602	19.46	249915	4.99829	9.99658	50000
	1583.0833	19.50	118672	2.37344	4.74688	50000
	207.9887	19.61	15591	0.31183	0.62365	50000
	17.5407	19.67	1315	0.02630	0.05260	50000
	34.6695	19.74	2599	0.05198	0.10396	50000
	280.4683	19.85	21025	0.42049	0.84098	50000
	1335.8256	19.93	100137	2.00274	4.00547	50000
	41.8562	20.06	3138	0.06275	0.12551	50000
	363.4758	20.14	27247	0.54494	1.08988	50000
	1295.7309	20.18	97131	1.94263	3.88525	50000
	59.8652	20.33	4488	0.08975	0.17951	50000
AROCLOR-1260-5	1022.7754	20.49	301087	1.53340	3.06679	196353
	204.2966	20.56	15315	0.30629	0.61258	50000
	1669.6713	20.67	125163	2.50326	5.00651	50000
	494.8140	20.71	37093	0.74185	1.48370	50000
	91.4281	20.82	6854	0.13707	0.27415	50000
	219.3996	20.87	16447	0.32893	0.65787	50000
	16.1980	20.92	1214	0.02428	0.04857	50000
	16.5148	20.98	1238	0.02476	0.04952	50000
	3441.4334	21.11	257979	5.15957	10.31914	50000
	2774.9024	21.17	208014	4.16027	8.32055	50000
	474.3216	21.44	35556	0.71113	1.42225	50000
	51.3020	21.52	3846	0.07691	0.15383	50000
DCB	13.4532	21.60	128826	0.02017	0.04034	6387099
	120.5714	21.70	9038	0.18077	0.36153	50000
	156.1652	21.75	11707	0.23413	0.46826	50000
	182.1950	21.81	13658	0.27316	0.54631	50000
	452.5223	21.85	33922	0.67844	1.35689	50000
	68.0373	21.95	5100	0.10200	0.20401	50000
	174.7975	22.05	13103	0.26207	0.52413	50000
	109.2502	22.09	8190	0.16379	0.32759	50000
	92.0599	22.21	6901	0.13802	0.27604	50000
				563.94764	1127.89529	22905305

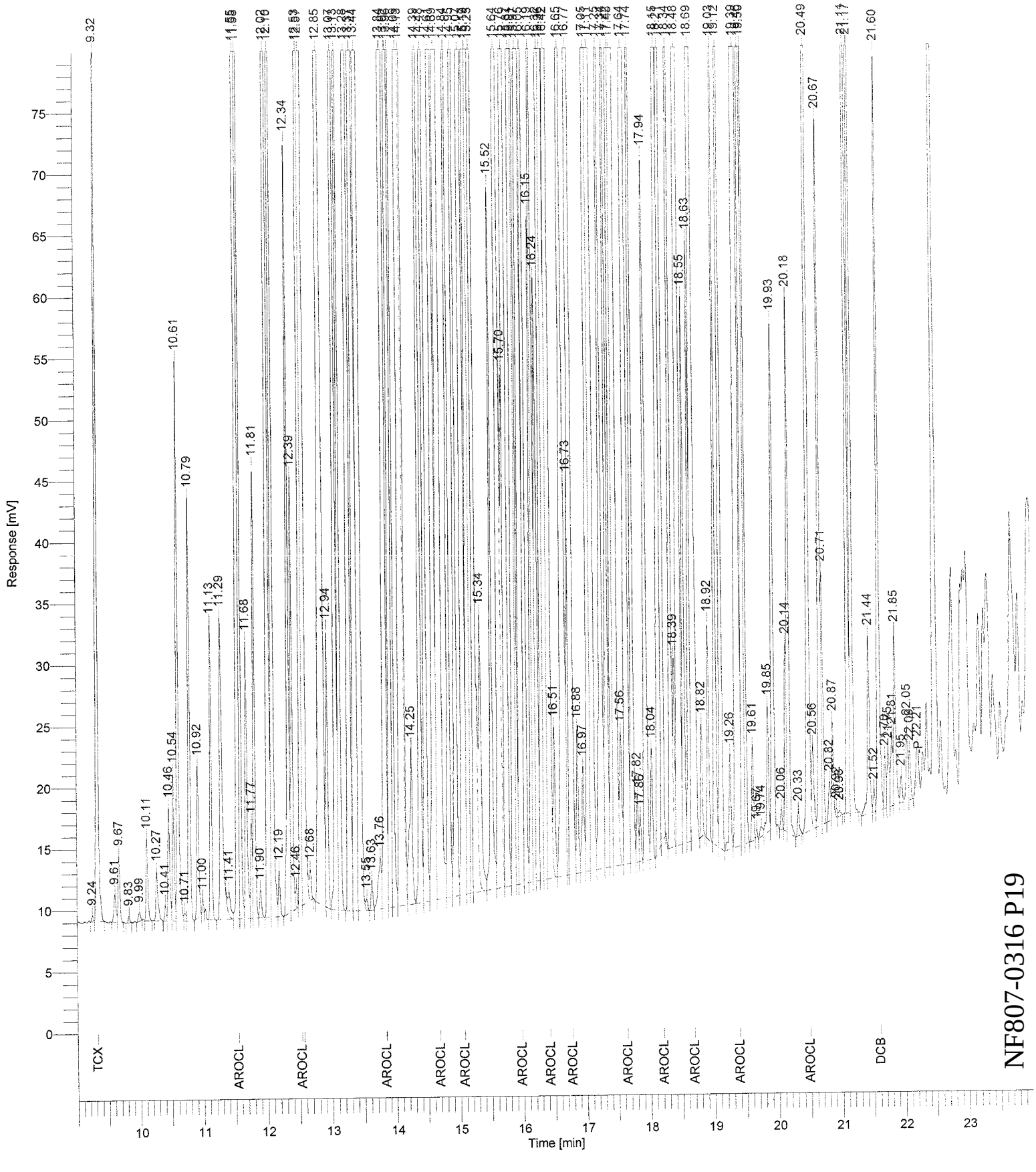
Warning -- Signal level out-of-range in peak

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00210.TX0

NF807-0316 P18

Chromatogram

Sample Name : 0803780-001A Sample #: 000001 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00210.raw
Date : 4/3/2008 4:50:52 PM
Method : pest Time of Injection: 3/25/2008 5:28:41 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000001DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-001ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00228.raw

% Moisture: 30.7 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/26/08

Injection Volume: 0.5 (uL) Dilution Factor: 25.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	1200	UX
11104-28-2	Aroclor 1221	2400	U
11141-16-5	Aroclor 1232	1200	UX
53469-21-9	Aroclor 1242	6300	DP
12672-29-6	Aroclor 1248	1200	UX
11097-69-1	Aroclor 1254	7700	D
11096-82-5	Aroclor 1260	2100	DY

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 86519
Operator : manager
Sample Number : 000001
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 2:28:56 PM

Date : 3/28/2008 10:54:44 AM

Sample Name : 0803780-001A
Study : dl","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 25.00
Cycle : 1

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00228.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00228.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00228.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00228.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00228.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 105
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	17.9012	9.42	4981	0.00107	0.00215	4639369
	343.3443	10.30	1030	0.02059	0.04118	50000
	1468.6688	10.40	4404	0.08808	0.17615	50000
	548.9705	10.71	1646	0.03292	0.06584	50000
	1348.4600	10.85	4043	0.08087	0.16173	50000
	454.1213	11.16	1362	0.02723	0.05447	50000
AROCLOR-1242-1	2395.6368	11.27	24004	0.14367	0.28733	167081
	1509.8349	11.56	4527	0.09054	0.18109	50000
	4071.2692	11.70	12208	0.24415	0.48831	50000
	3158.0881	11.75	9470	0.18939	0.37878	50000
	943.3947	11.82	2829	0.05658	0.11315	50000
	2368.9411	12.18	7103	0.14207	0.28413	50000
AROCLOR-1242-2	2443.8748	12.30	22881	0.14656	0.29312	156118
AROCLOR-1242-3	4233.1777	12.35	57057	0.25386	0.50773	224756
	2053.6612	12.47	6158	0.12316	0.24632	50000
	796.1521	12.56	2387	0.04775	0.09549	50000
	3607.8102	12.64	10818	0.21636	0.43272	50000
	3392.1726	12.69	10171	0.20343	0.40686	50000
	5162.9554	12.78	15481	0.30962	0.61925	50000
	1156.2950	12.95	3467	0.06934	0.13869	50000
	14072.1892	13.04	42195	0.84391	1.68782	50000
	10317.8412	13.10	30938	0.61876	1.23752	50000
	7170.8941	13.17	21502	0.43004	0.86008	50000

NF807-0316 P21

3/28/2008 10:54:44 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00228.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	587.3973	13.26	1761	0.03523	0.07045	50000
AROCLOR-1242-4	6952.0188	13.52	50978	0.41691	0.83383	122274
	6195.5435	13.58	18577	0.37155	0.74309	50000
	10477.8934	13.70	31418	0.62836	1.25672	50000
	9572.7652	13.79	28704	0.57408	1.14816	50000
	1201.0153	13.86	3601	0.07202	0.14405	50000
	3993.3943	14.00	11974	0.23948	0.47897	50000
	485.0497	14.07	1454	0.02909	0.05818	50000
	1052.1941	14.16	3155	0.06310	0.12620	50000
	6257.3639	14.23	18763	0.37525	0.75051	50000
AROCLOR-1254-1	4775.1878	14.31	48750	0.28637	0.57274	170234
AROCLOR-1242-5	5783.3201	14.40	44544	0.34683	0.69365	128432
	14492.8871	14.46	43457	0.86914	1.73828	50000
	638.2431	14.62	1914	0.03828	0.07655	50000
	4284.9255	14.75	12848	0.25697	0.51393	50000
	10093.3352	14.79	30265	0.60530	1.21059	50000
AROCLOR-1254-2	5987.0923	14.85	84155	0.35905	0.71809	234386
	10318.4514	14.92	30940	0.61880	1.23760	50000
	669.2963	15.10	2007	0.04014	0.08028	50000
	1877.2095	15.22	5629	0.11258	0.22515	50000
	10571.7953	15.32	31700	0.63399	1.26798	50000
AROCLOR-1254-3	5448.0260	15.40	61772	0.32672	0.65344	189067
	7202.6180	15.49	21597	0.43194	0.86388	50000
AROCLOR-1254-4	5801.4971	15.64	110067	0.34792	0.69583	316360
	4485.5859	15.73	13450	0.26900	0.53800	50000
	10884.3859	15.88	32637	0.65274	1.30547	50000
	567.4339	15.94	1701	0.03403	0.06806	50000
	13741.0636	16.01	41203	0.82405	1.64810	50000
	1039.1558	16.06	3116	0.06232	0.12464	50000
	2852.1217	16.10	8552	0.17104	0.34208	50000
AROCLOR-1254-5	5402.9018	16.20	80604	0.32401	0.64802	248768
	2069.2272	16.32	6205	0.12409	0.24818	50000
	3589.3896	16.44	10763	0.21526	0.43051	50000
	28658.7806	16.56	85933	1.71867	3.43733	50000
	1561.0694	16.64	4681	0.09362	0.18723	50000
	16943.9801	16.74	50807	1.01613	2.03226	50000
	7809.8471	16.80	23418	0.46836	0.93671	50000
	2888.4585	16.90	8661	0.17322	0.34644	50000
	3042.2940	16.99	9122	0.18245	0.36489	50000
	43543.4814	17.10	130565	2.61130	5.22261	50000
	3229.2486	17.27	9683	0.19366	0.38732	50000
AROCLOR-1260-1	1283.6671	17.32	16126	0.07698	0.15396	209482
	3149.3315	17.41	9443	0.18887	0.37773	50000
	990.9842	17.59	2971	0.05943	0.11886	50000
	10975.0905	17.66	32909	0.65818	1.31635	50000
	1872.1733	17.74	5614	0.11227	0.22455	50000
AROCLOR-1260-2	1340.9236	17.80	18567	0.08042	0.16083	230895
	2670.2307	17.88	8007	0.16013	0.32027	50000
	2101.2774	17.98	6301	0.12601	0.25203	50000
	5619.2029	18.15	16849	0.33698	0.67397	50000
	1556.6528	18.22	4668	0.09335	0.18670	50000
	2256.5357	18.28	6766	0.13532	0.27065	50000
AROCLOR-1260-3	1461.3898	18.40	46743	0.08764	0.17528	533353
	590.6178	18.48	1771	0.03542	0.07084	50000
	261.7214	18.54	785	0.01570	0.03139	50000
AROCLOR-1260-4	1540.4614	18.95	25761	0.09238	0.18476	278859
	5170.1611	19.01	15503	0.31005	0.62011	50000
	6069.8319	19.09	18200	0.36401	0.72802	50000
	1030.9781	19.46	3091	0.06183	0.12366	50000
	2036.8590	19.64	6108	0.12215	0.24430	50000
	426.6687	19.72	1279	0.02559	0.05117	50000
	171.4789	19.84	514	0.01028	0.02057	50000
AROCLOR-1260-5	1509.5026	20.13	13038	0.09052	0.18105	144021
	1465.6190	20.18	4395	0.08789	0.17579	50000
	2786.2588	20.22	8355	0.16709	0.33418	50000
	232.2728	20.46	696	0.01393	0.02786	50000
	4084.6497	20.68	12248	0.24496	0.48991	50000

NF807-0316 P22

3/28/2008 10:54:44 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00228.rst

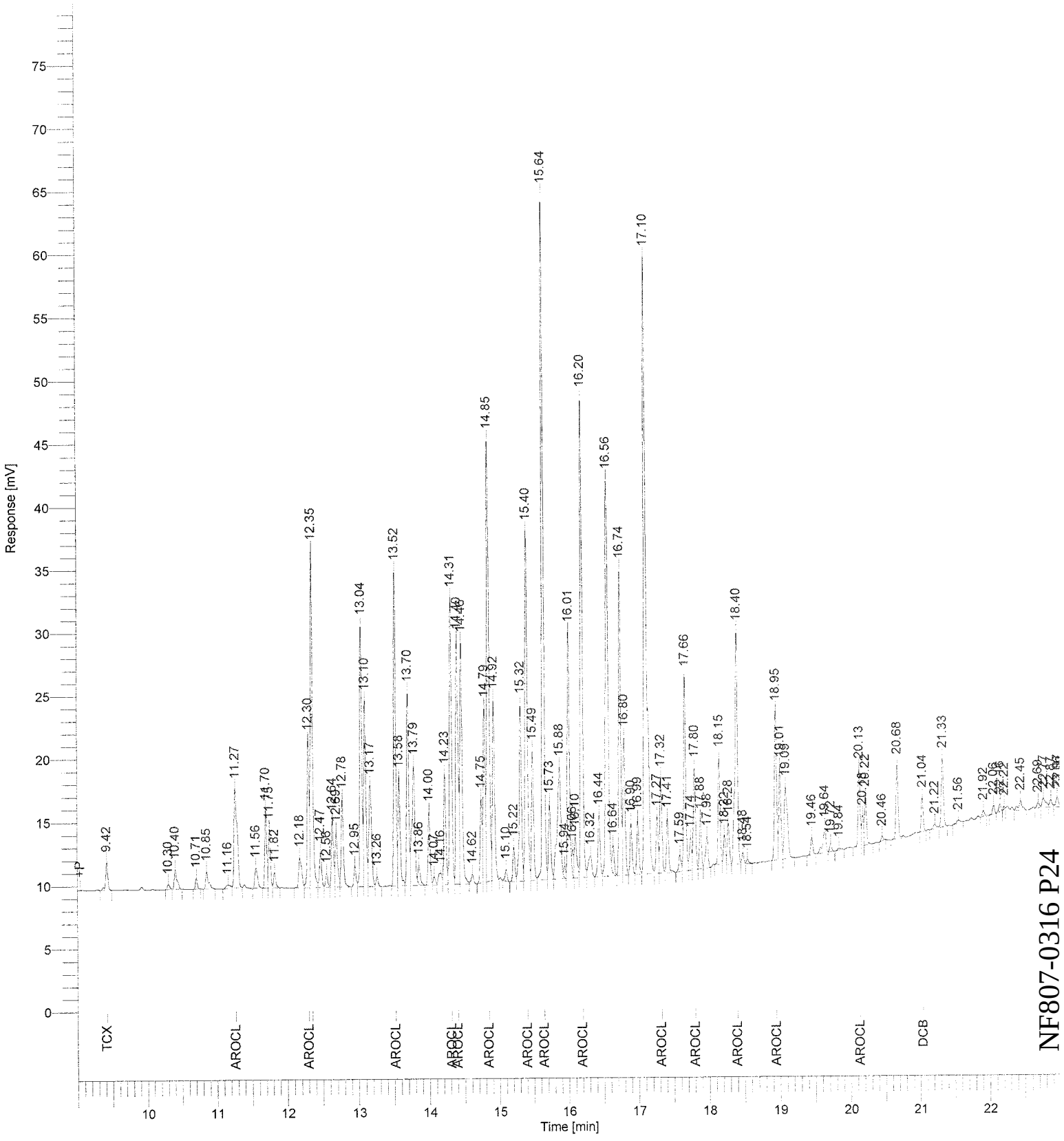
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
DCB	17.3465	21.04	5407	0.00104	0.00208	5197985
	399.1138	21.22	1197	0.02393	0.04787	50000
	3959.8124	21.33	11874	0.23747	0.47494	50000
	305.2603	21.56	915	0.01831	0.03661	50000
	304.5184	21.92	913	0.01826	0.03652	50000
	481.4511	22.06	1444	0.02887	0.05775	50000
	440.1059	22.16	1320	0.02639	0.05279	50000
	123.9784	22.22	372	0.00743	0.01487	50000
	977.0306	22.45	2930	0.05859	0.11719	50000
	366.5649	22.69	1099	0.02198	0.04397	50000
	953.8914	22.77	2860	0.05720	0.11441	50000
	557.8926	22.87	1673	0.03346	0.06691	50000
	703.5036	22.97	2109	0.04219	0.08438	50000
	1272.9087	23.06	3817	0.07634	0.15267	50000
	692.2870	23.19	2076	0.04152	0.08303	50000
				26.04335	52.08669	17591442

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00228.TX0

NF807-0316 P23

Chromatogram

Sample Name : 0803780-001A Sample #: 000001 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00228.raw
Date : 3/28/2008 10:54:47 AM
Method : pest Time of Injection: 3/26/2008 2:28:56 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 86520
Operator : manager
Sample Number : 000001
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 2:28:56 PM

Date : 3/28/2008 10:54:50 AM

Sample Name : 0803780-001A
Study : dl","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 25.00
Cycle : 1

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00228.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00228.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00228.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00228.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00228.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 105
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	17.5830	9.33	7557	0.00105	0.00211	7166746
	171.9942	9.67	516	0.01031	0.02063	50000
	231.1515	10.12	693	0.01386	0.02772	50000
	106.1806	10.27	318	0.00637	0.01274	50000
	351.0925	10.47	1053	0.02106	0.04211	50000
	448.1163	10.54	1344	0.02687	0.05375	50000
	1745.8720	10.61	5235	0.10470	0.20940	50000
	1466.1448	10.79	4396	0.08792	0.17585	50000
	544.5019	10.93	1633	0.03265	0.06531	50000
	987.9574	11.13	2962	0.05925	0.11850	50000
	676.3343	11.32	2028	0.04056	0.08112	50000
AROCLOR-1242-1	2606.4660	11.55	26037	0.15631	0.31262	166575
	4395.8349	11.58	13181	0.26362	0.52724	50000
	967.7362	11.69	2902	0.05804	0.11607	50000
	286.9213	11.77	860	0.01721	0.03441	50000
	1469.9297	11.81	4408	0.08815	0.17630	50000
	7639.4449	12.03	22907	0.45814	0.91628	50000
	5161.9884	12.10	15478	0.30956	0.61913	50000
	2485.6269	12.34	7453	0.14906	0.29813	50000
	1354.7163	12.40	4062	0.08124	0.16248	50000
AROCLOR-1242-2	2430.1673	12.54	30962	0.14574	0.29147	212454
AROCLOR-1242-3	4834.6651	12.58	97272	0.28993	0.57987	335494
	9920.8456	12.86	29748	0.59495	1.18991	50000

NF807-0316 P25

3/28/2008 10:54:50 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00228.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	1180.8721	12.94	3541	0.07082	0.14163	50000
	7368.7331	13.08	22095	0.44190	0.88381	50000
	4722.6266	13.14	14161	0.28322	0.56643	50000
	23111.7689	13.29	69301	1.38601	2.77203	50000
	17726.6856	13.37	53153	1.06307	2.12614	50000
	11857.4242	13.45	35554	0.71109	1.42218	50000
AROCLOR-1242-4	7466.0073	13.84	83475	0.44774	0.89547	186438
	9221.9669	13.92	27652	0.55304	1.10608	50000
	3517.1944	13.96	10546	0.21093	0.42185	50000
	18053.9768	14.09	54135	1.08270	2.16539	50000
	302.8054	14.26	908	0.01816	0.03632	50000
	6790.0300	14.39	20360	0.40720	0.81440	50000
	9499.6969	14.48	28485	0.56970	1.13939	50000
AROCLOR-1254-1	3688.7981	14.62	65339	0.22122	0.44243	295363
AROCLOR-1242-5	10111.6505	14.70	137838	0.60640	1.21279	227308
	5069.8712	14.85	15202	0.30404	0.60808	50000
	7047.6483	14.96	21132	0.42265	0.84530	50000
AROCLOR-1254-2	5228.3816	15.08	99800	0.31355	0.62709	318294
	31388.4400	15.19	94118	1.88237	3.76473	50000
	11941.5545	15.25	35807	0.71614	1.43227	50000
	1338.4542	15.35	4013	0.08027	0.16053	50000
	2582.6207	15.52	7744	0.15488	0.30976	50000
	14565.8473	15.64	43676	0.87351	1.74703	50000
	1419.7943	15.71	4257	0.08515	0.17029	50000
	28094.2377	15.76	84241	1.68481	3.36962	50000
	10945.1127	15.87	32819	0.65638	1.31276	50000
	3532.0058	15.91	10591	0.21181	0.42363	50000
AROCLOR-1254-3	6179.3656	15.99	167466	0.37058	0.74115	451905
	7143.4201	16.05	21420	0.42839	0.85678	50000
	6427.4277	16.19	19273	0.38545	0.77091	50000
	2790.3696	16.24	8367	0.16734	0.33468	50000
	9434.2868	16.32	28289	0.56577	1.13155	50000
	22603.5521	16.37	67777	1.35554	2.71107	50000
AROCLOR-1254-4	5723.2810	16.43	114930	0.34323	0.68645	334852
	733.4541	16.51	2199	0.04399	0.08797	50000
	8656.7963	16.65	25957	0.51915	1.03830	50000
AROCLOR-1254-5	5890.3098	16.78	82743	0.35324	0.70648	234239
	364.4513	16.88	1093	0.02186	0.04371	50000
	302.6505	16.97	907	0.01815	0.03630	50000
	17231.5169	17.05	51669	1.03337	2.06675	50000
	37353.1183	17.11	112003	2.24007	4.48013	50000
	5602.6074	17.26	16799	0.33599	0.67198	50000
	4191.1914	17.35	12567	0.25135	0.50269	50000
	11831.4392	17.43	35477	0.70953	1.41906	50000
	52758.6428	17.47	158197	3.16394	6.32787	50000
	530.7838	17.56	1592	0.03183	0.06366	50000
AROCLOR-1260-1	1909.0878	17.64	35730	0.11449	0.22898	312089
	4543.9520	17.75	13625	0.27250	0.54500	50000
	185.4523	17.82	556	0.01112	0.02224	50000
	3590.8847	17.95	10767	0.21535	0.43069	50000
	417.1535	18.05	1251	0.02502	0.05003	50000
	15302.7757	18.16	45885	0.91771	1.83542	50000
AROCLOR-1260-2	1179.6288	18.21	24482	0.07074	0.14148	346075
	4667.3974	18.35	13995	0.27990	0.55981	50000
	554.8180	18.40	1664	0.03327	0.06654	50000
	10748.5998	18.48	32230	0.64459	1.28919	50000
	2110.2043	18.55	6327	0.12655	0.25310	50000
	2085.5922	18.64	6254	0.12507	0.25015	50000
AROCLOR-1260-3	1162.5095	18.69	55742	0.06972	0.13943	799560
	459.3623	18.82	1377	0.02755	0.05510	50000
	758.2612	18.93	2274	0.04547	0.09095	50000
	2603.2230	19.04	7806	0.15612	0.31223	50000
	4406.6497	19.12	13213	0.26427	0.52853	50000
	323.3101	19.27	969	0.01939	0.03878	50000
AROCLOR-1260-4	1551.7100	19.39	50965	0.09306	0.18611	547677
	5004.2693	19.46	15005	0.30011	0.60021	50000
	2532.2221	19.50	7593	0.15186	0.30371	50000

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3/28/2008 10:54:50 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00228.rst

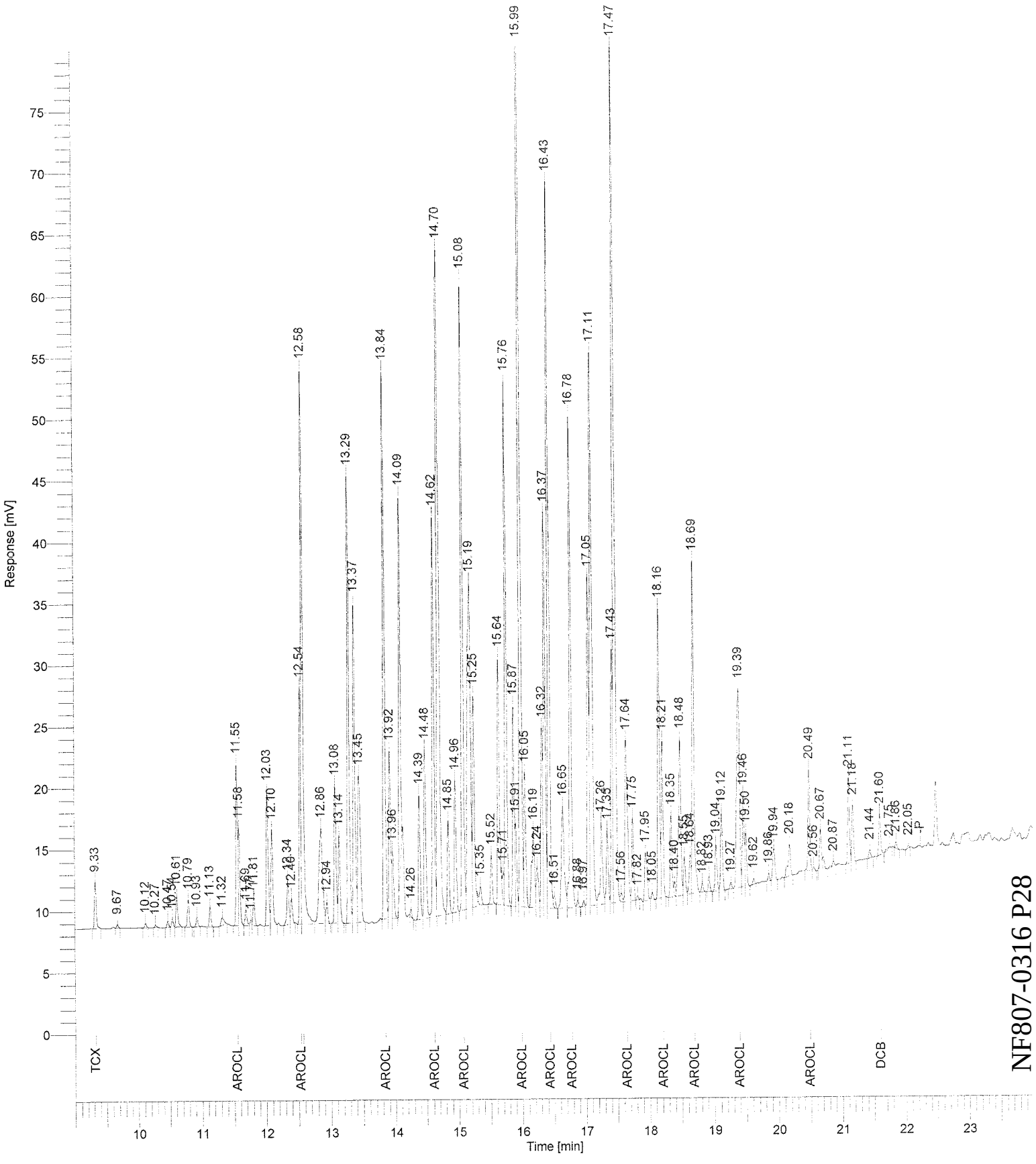
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	296.8792	19.62	890	0.01780	0.03561	50000
	336.2001	19.86	1008	0.02016	0.04032	50000
	1983.0923	19.94	5946	0.11893	0.23785	50000
	2414.3793	20.18	7240	0.14479	0.28958	50000
AROCLOR-1260-5	1365.1515	20.49	16075	0.08187	0.16374	196353
	210.0563	20.56	630	0.01260	0.02519	50000
	1612.0197	20.67	4834	0.09667	0.19335	50000
	354.5621	20.87	1063	0.02126	0.04253	50000
	4536.9156	21.11	13604	0.27208	0.54416	50000
	3030.4638	21.18	9087	0.18174	0.36347	50000
	491.7480	21.44	1475	0.02949	0.05898	50000
DCB	18.0419	21.60	6911	0.00108	0.00216	6387099
	276.7624	21.75	830	0.01660	0.03319	50000
	314.7891	21.86	944	0.01888	0.03776	50000
	120.3544	22.05	361	0.00722	0.01444	50000
				35.81905	71.63810	22918521

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00228.TX0

NF807-0316 P27

Chromatogram

Sample Name : 0803780-001A Sample #: 000001 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00228.raw
Date : 3/28/2008 10:54:52 AM
Method : pest Time of Injection: 3/26/2008 2:28:56 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000002

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-002A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00211.raw

% Moisture: 31.6 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/25/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	48	UX
11104-28-2	Aroclor 1221	98	U
11141-16-5	Aroclor 1232	48	UX
53469-21-9	Aroclor 1242	5300	EP
12672-29-6	Aroclor 1248	48	UX
11097-69-1	Aroclor 1254	780	E
11096-82-5	Aroclor 1260	2600	EY

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87827
Operator : manager
Sample Number : 000002
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 5:57:15 PM

Date : 4/3/2008 4:50:55 PM

Sample Name : 0803780-002A
Study : samp","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 5

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00211.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00211.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00211.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00211.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00211.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 133
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	59.8279	9.28	4485	0.08970	0.17939	50000
	76.0159	9.36	5698	0.11397	0.22793	50000
TCX	14.3744	9.42	99982	0.02155	0.04310	4639369
	26.2014	9.68	1964	0.03928	0.07856	50000
	139.4755	9.92	10455	0.20911	0.41822	50000
	157.1437	10.08	11780	0.23560	0.47120	50000
	228.2110	10.30	17107	0.34215	0.68429	50000
	1377.4103	10.40	103254	2.06508	4.13017	50000
	52.7048	10.52	3951	0.07902	0.15804	50000
	1690.9922	10.70	126761	2.53522	5.07044	50000
	1522.1794	10.85	114106	2.28213	4.56426	50000
	52.1371	10.94	3908	0.07817	0.15633	50000
	2262.9960	11.09	169640	3.39280	6.78560	50000
AROCLOR-1242-1	3861.2055	11.26	967217	5.78891	11.57783	167081
	320.2126	11.39	24004	0.48008	0.96016	50000
	3158.7849	11.55	236790	4.73581	9.47162	50000
	9670.5991	11.70	724932	14.49865	28.99730	50000
	4903.5199	11.75	367580	7.35160	14.70321	50000
	1327.6614	11.82	99525	1.99050	3.98099	50000
	11.4649	11.98	859	0.01719	0.03438	50000
	185.3209	12.12	13892	0.27784	0.55568	50000
	3166.5296	12.18	237371	4.74742	9.49484	50000
AROCLOR-1242-2	2552.6791	12.30	597482	3.82711	7.65421	156118

NF807-0316 P30

4/3/2008 4:50:55 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00211.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
AROCLOR-1242-3	----------	12.34	1928906	----------	----------	----------
	3312.6922	12.47	248328	4.96656	9.93311	50000
	1221.5275	12.55	91569	1.83138	3.66275	50000
	1768.8711	12.63	132599	2.65198	5.30396	50000
	6055.7703	12.69	453956	9.07912	18.15823	50000
	2533.9928	12.77	189954	3.79909	7.59818	50000
	2002.0601	12.95	150079	3.00159	6.00318	50000
	----------	13.04	2002914	----------	----------	----------
	18736.0916	13.09	1404505	28.09009	56.18018	50000
	10545.4028	13.16	790510	15.81020	31.62040	50000
	720.7080	13.26	54026	1.08052	2.16104	50000
	68.3672	13.37	5125	0.10250	0.20500	50000
	164.6634	13.44	12344	0.24687	0.49374	50000
AROCLOR-1242-4	----------	13.51	2312456	----------	----------	----------
	10249.9909	13.58	768365	15.36730	30.73461	50000
	18044.9024	13.70	1352691	27.05383	54.10765	50000
	13643.0739	13.79	1022719	20.45438	40.90877	50000
	1504.2834	13.85	112765	2.25530	4.51059	50000
	6864.7147	14.00	514596	10.29193	20.58385	50000
	356.5392	14.07	26727	0.53454	1.06908	50000
	1225.0893	14.16	91836	1.83672	3.67343	50000
	4553.2782	14.22	341325	6.82650	13.65301	50000
AROCLOR-1254-1	7231.0878	14.31	1845547	10.84121	21.68242	170234
AROCLOR-1242-5	8362.7361	14.40	1610261	12.53784	25.07567	128432
	21071.0541	14.46	1579539	31.59079	63.18157	50000
	798.6559	14.61	59869	1.19739	2.39477	50000
	5542.8432	14.74	415505	8.31011	16.62022	50000
	----------	14.79	915384	----------	----------	----------
AROCLOR-1254-2	----------	14.83	2652528	----------	----------	----------
	14437.5647	14.92	1082276	21.64552	43.29105	50000
	1375.5746	15.10	103117	2.06233	4.12466	50000
	2883.7387	15.21	216172	4.32345	8.64689	50000
	13891.3175	15.31	1041328	20.82656	41.65313	50000
AROCLOR-1254-3	----------	15.40	2221143	----------	----------	----------
	9413.2525	15.49	705641	14.11282	28.22564	50000
AROCLOR-1254-4	----------	15.63	2841543	----------	----------	----------
	4838.0205	15.73	362670	7.25340	14.50681	50000
	13807.4023	15.87	1035038	20.70075	41.40151	50000
	575.7877	15.94	43162	0.86325	1.72650	50000
	16430.2000	16.01	1231649	24.63298	49.26597	50000
	941.7472	16.06	70596	1.41191	2.82383	50000
	2730.0024	16.10	204648	4.09296	8.18591	50000
AROCLOR-1254-5	----------	16.19	2282034	----------	----------	----------
	2018.7729	16.31	151332	3.02665	6.05329	50000
	4226.0802	16.44	316798	6.33595	12.67190	50000
	----------	16.55	2696805	----------	----------	----------
	1904.2894	16.64	142750	2.85501	5.71001	50000
	19828.3802	16.74	1486385	29.72771	59.45541	50000
	8965.1463	16.80	672050	13.44100	26.88200	50000
	3659.9973	16.90	274363	5.48725	10.97450	50000
	3996.2305	16.99	299568	5.99135	11.98270	50000
	----------	17.09	3485812	----------	----------	----------
	3311.3336	17.27	248226	4.96452	9.92904	50000
AROCLOR-1260-1	1535.1370	17.32	482135	2.30155	4.60311	209482
	4509.7384	17.41	338061	6.76123	13.52245	50000
	2256.2522	17.59	169134	3.38269	6.76537	50000
	13073.3481	17.66	980011	19.60022	39.20044	50000
	2594.5479	17.74	194494	3.88988	7.77975	50000
AROCLOR-1260-2	1918.6327	17.80	664172	2.87651	5.75302	230895
	3308.4877	17.88	248013	4.96025	9.92050	50000
	2463.9420	17.97	184703	3.69407	7.38813	50000
	221.5059	18.06	16605	0.33209	0.66419	50000
	6696.0051	18.15	501949	10.03899	20.07798	50000
	1673.8340	18.22	125475	2.50950	5.01899	50000
	2507.6489	18.28	187980	3.75959	7.51919	50000
AROCLOR-1260-3	1849.3615	18.40	1478805	2.77266	5.54531	533353
	545.1851	18.48	40868	0.81737	1.63474	50000

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4/3/2008 4:50:55 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00211.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	328.8102	18.54	24648	0.49297	0.98594	50000
	65.0802	18.64	4879	0.09757	0.19514	50000
AROCLOR-1260-4	1989.7536	18.95	831876	2.98314	5.96628	278859
	6253.4170	19.01	468772	9.37544	18.75088	50000
	9148.0635	19.09	685762	13.71524	27.43048	50000
	2010.5879	19.46	150719	3.01437	6.02875	50000
	2331.7064	19.57	174791	3.49581	6.99162	50000
	2667.0578	19.64	199929	3.99859	7.99717	50000
	696.7300	19.72	52229	1.04457	2.08915	50000
	601.9764	19.84	45126	0.90251	1.80503	50000
	620.4066	19.88	46507	0.93014	1.86029	50000
	3141.6253	20.01	235504	4.71008	9.42017	50000
	931.8019	20.04	69850	1.39700	2.79401	50000
AROCLOR-1260-5	3366.2528	20.13	726855	5.04686	10.09371	144021
	1677.6390	20.18	125760	2.51520	5.03040	50000
	2550.0075	20.22	191155	3.82310	7.64620	50000
	1013.8003	20.46	75997	1.51994	3.03988	50000
	807.1905	20.50	60509	1.21018	2.42036	50000
	5348.8569	20.68	400964	8.01928	16.03855	50000
	41.0368	20.76	3076	0.06152	0.12305	50000
	1068.7229	20.97	80114	1.60228	3.20457	50000
DCB	12.0985	21.04	94285	0.01814	0.03628	5197985
	28.3943	21.12	2129	0.04257	0.08514	50000
	1916.6094	21.25	143674	2.87348	5.74695	50000
	8009.7326	21.33	600430	12.00859	24.01719	50000
	3429.7226	21.55	257101	5.14201	10.28403	50000
	291.2677	21.74	21834	0.43668	0.87337	50000
	358.3431	21.84	26862	0.53725	1.07449	50000
	669.6834	21.92	50201	1.00402	2.00805	50000
	14149.8044	22.01	1060705	21.21410	42.42820	50000
	945.1165	22.16	70848	1.41697	2.83393	50000
	588.1712	22.22	44091	0.88182	1.76363	50000
	714.8774	22.26	53589	1.07178	2.14356	50000
	2963.8807	22.33	222180	4.44360	8.88720	50000
	1182.2090	22.39	88621	1.77243	3.54485	50000
	2263.2697	22.45	169660	3.39321	6.78642	50000
	6136.8653	22.68	460035	9.20070	18.40140	50000
	2339.3363	22.77	175363	3.50725	7.01450	50000
	3172.1717	22.88	237794	4.75588	9.51176	50000
	1976.5526	22.97	148167	2.96335	5.92669	50000
	1248.5007	23.05	93591	1.87182	3.74363	50000
	550.2036	23.12	41245	0.82489	1.64979	50000
	1000.0300	23.19	74965	1.49930	2.99859	50000
				687.24419	1374.48837	17455831

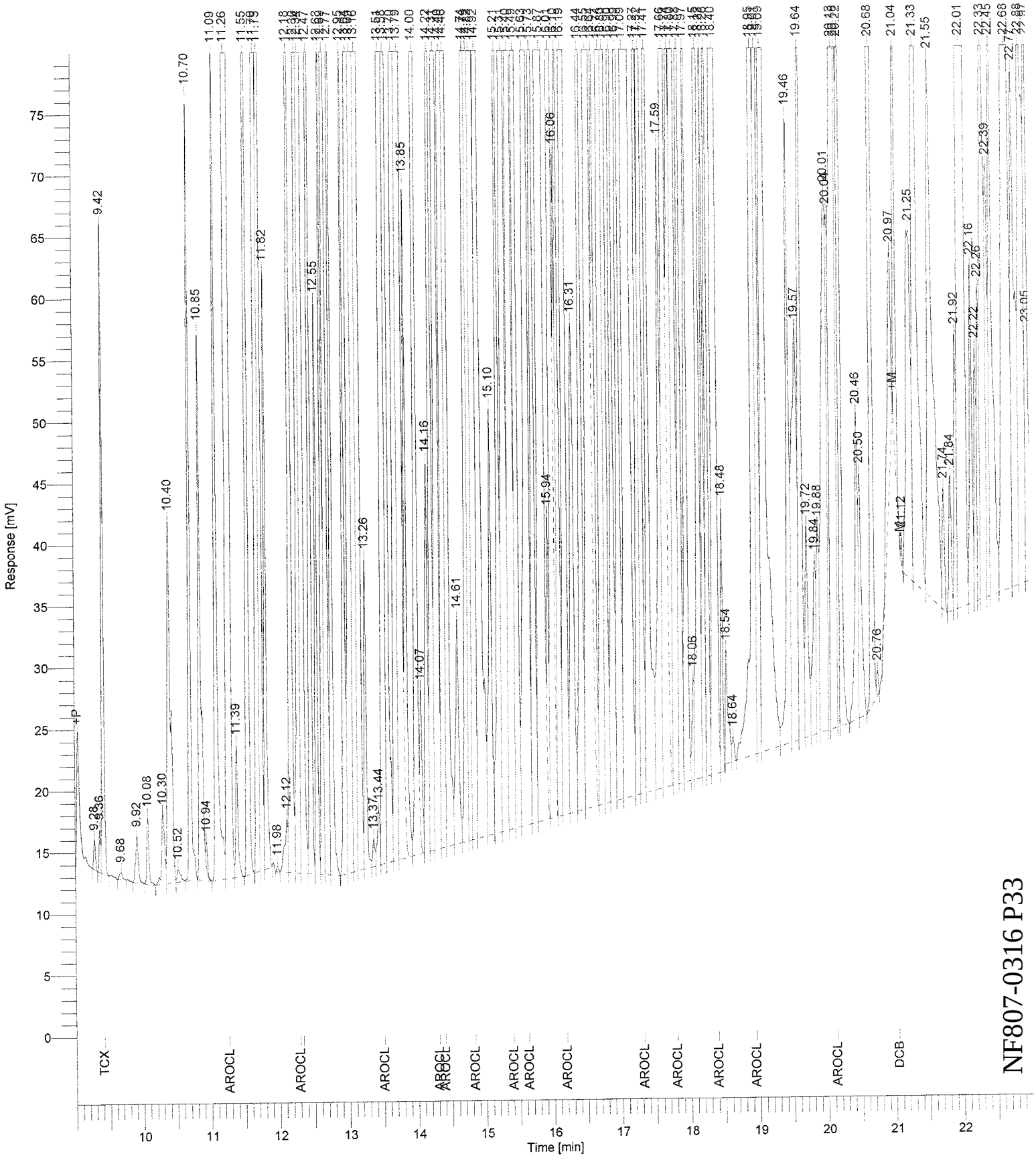
Warning -- Signal level out-of-range in peak

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00211.TX0

NF807-0316 P32

Chromatogram

Sample Name : 0803780-002A Sample #: 000002 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00211.raw
Date : 4/3/2008 4:50:57 PM
Method : pest Time of Injection: 3/25/2008 5:57:15 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87828
Operator : manager
Sample Number : 000002
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 5:57:15 PM

Date : 4/3/2008 4:51:00 PM

Sample Name : 0803780-002A
Study : samp","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 5

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00211.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00211.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00211.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00211.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00211.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 147
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	79.2546	8.41	5941	0.11882	0.23765	50000
	10.5842	8.48	793	0.01587	0.03174	50000
	136.2565	8.58	10214	0.20428	0.40857	50000
	125.1800	8.70	9384	0.18768	0.37535	50000
	304.2957	8.83	22811	0.45622	0.91243	50000
	17.4514	8.92	1308	0.02616	0.05233	50000
	4.9788	9.18	373	0.00746	0.01493	50000
	13.7183	9.24	1028	0.02057	0.04113	50000
TCX	15.1595	9.32	162885	0.02273	0.04546	7166746
	114.6066	9.61	8591	0.17182	0.34365	50000
	123.1513	9.67	9232	0.18463	0.36927	50000
	45.9936	9.83	3448	0.06896	0.13791	50000
	36.3271	9.99	2723	0.05446	0.10893	50000
	27.3393	10.04	2049	0.04099	0.08198	50000
	146.7981	10.11	11004	0.22009	0.44017	50000
	150.3615	10.27	11271	0.22543	0.45086	50000
	16.7854	10.34	1258	0.02517	0.05033	50000
	170.2803	10.41	12765	0.25529	0.51059	50000
	213.4683	10.46	16002	0.32004	0.64008	50000
	401.8102	10.54	30121	0.60241	1.20483	50000
	972.1583	10.61	72875	1.45751	2.91502	50000
	36.0364	10.71	2701	0.05403	0.10806	50000
	1640.2892	10.79	122960	2.45920	4.91841	50000

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4/3/2008 4:51:00 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00211.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	571.7978	10.92	42863	0.85727	1.71454	50000
	51.4540	11.00	3857	0.07714	0.15428	50000
	40.5862	11.04	3042	0.06085	0.12170	50000
	2578.6200	11.13	193300	3.86600	7.73199	50000
	3204.9509	11.28	240251	4.80502	9.61005	50000
	188.8873	11.41	14159	0.28319	0.56638	50000
AROCLOR-1242-1	4727.9174	11.55	1180735	7.08833	14.17666	166575
	5356.7200	11.58	401553	8.03106	16.06213	50000
	1373.1421	11.68	102934	2.05868	4.11737	50000
	352.4416	11.77	26420	0.52840	1.05680	50000
	3269.0471	11.81	245056	4.90112	9.80224	50000
	38.2822	11.91	2870	0.05739	0.11479	50000
	17295.8449	12.02	1296540	25.93080	51.86160	50000
	7657.5644	12.10	574030	11.48061	22.96121	50000
	214.5081	12.19	16080	0.32160	0.64320	50000
	3670.9549	12.34	275184	5.50368	11.00736	50000
	1275.5905	12.39	95621	1.91243	3.82486	50000
	148.4278	12.46	11127	0.22253	0.44506	50000
AROCLOR-1242-2	2490.9671	12.54	793428	3.73458	7.46917	212454
AROCLOR-1242-3	----------	12.56	2508478	----------	----------	----------
	89.9912	12.68	6746	0.13492	0.26984	50000
	8963.1686	12.83	671902	13.43803	26.87607	50000
	1625.3857	12.94	121843	2.43686	4.87372	50000
	132.6791	13.02	9946	0.19892	0.39784	50000
	3506.0521	13.07	262822	5.25645	10.51290	50000
	7990.9871	13.13	599025	11.98049	23.96098	50000
	----------	13.27	2401895	----------	----------	----------
	----------	13.36	2148933	----------	----------	----------
	16431.9461	13.44	1231780	24.63560	49.27120	50000
	129.5892	13.63	9714	0.19429	0.38857	50000
	266.5785	13.76	19983	0.39967	0.79934	50000
AROCLOR-1242-4	----------	13.82	2619867	----------	----------	----------
	17857.9027	13.92	1338673	26.77347	53.54693	50000
	----------	14.07	2496921	----------	----------	----------
	5015.5273	14.13	375977	7.51953	15.03906	50000
	375.8739	14.22	28176	0.56353	1.12706	50000
	404.9703	14.25	30358	0.60715	1.21430	50000
	9848.0123	14.39	738232	14.76464	29.52927	50000
	6258.2467	14.48	469134	9.38268	18.76536	50000
	----------	14.61	2072365	----------	----------	----------
AROCLOR-1254-1	----------	14.68	3203213	----------	----------	----------
	5813.2240	14.84	435774	8.71548	17.43096	50000
	7368.9151	14.96	552392	11.04785	22.09570	50000
AROCLOR-1254-2	----------	15.06	2496740	----------	----------	----------
	33606.2437	15.19	2519209	50.38417	100.76835	50000
	14131.9781	15.25	1059369	21.18737	42.37475	50000
	1585.4765	15.35	118851	2.37703	4.75405	50000
	2514.1355	15.52	188466	3.76932	7.53864	50000
	190.9978	15.57	14318	0.28635	0.57271	50000
	16233.5622	15.64	1216909	24.33817	48.67635	50000
	1347.8252	15.71	101036	2.02073	4.04145	50000
	----------	15.75	2297349	----------	----------	----------
	12495.2373	15.87	936674	18.73349	37.46698	50000
	3694.0129	15.91	276913	5.53825	11.07650	50000
AROCLOR-1254-3	----------	15.97	2872947	----------	----------	----------
	6833.1661	16.05	512231	10.24463	20.48925	50000
	2013.3263	16.16	150924	3.01848	6.03696	50000
	4331.3972	16.19	324692	6.49385	12.98770	50000
	2353.1808	16.24	176400	3.52801	7.05601	50000
	10586.6576	16.32	793603	15.87205	31.74410	50000
	----------	16.36	1912195	----------	----------	----------
AROCLOR-1254-4	----------	16.42	2498285	----------	----------	----------
	423.8174	16.51	31770	0.63541	1.27082	50000
	7465.0248	16.65	559597	11.19194	22.38388	50000
	2241.5163	16.73	168030	3.36059	6.72119	50000
AROCLOR-1254-5	----------	16.77	2078310	----------	----------	----------
	630.8544	16.88	47290	0.94581	1.89162	50000

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4/3/2008 4:51:00 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00211.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	394.5331	16.97	29575	0.59150	1.18301	50000
	17479.5306	17.05	1310310	26.20619	52.41239	50000
	----------	17.10	2692343	----------	----------	----------
	4835.7015	17.25	362496	7.24993	14.49985	50000
	3529.7457	17.35	264599	5.29197	10.58395	50000
	12580.5495	17.43	943070	18.86139	37.72279	50000
	----------	17.45	3043290	----------	----------	----------
	1055.0763	17.56	79091	1.58182	3.16365	50000
AROCLOR-1260-1	2123.0756	17.64	993387	3.18302	6.36604	312089
	4863.8677	17.75	364608	7.29216	14.58431	50000
	259.4863	17.82	19452	0.38903	0.77807	50000
	223.9504	17.87	16788	0.33576	0.67152	50000
	3008.6797	17.95	225538	4.51076	9.02153	50000
	409.3947	18.04	30689	0.61379	1.22757	50000
	15491.2773	18.15	1161265	23.22530	46.45061	50000
AROCLOR-1260-2	1456.7753	18.21	755851	2.18407	4.36814	346075
	5130.1753	18.34	384571	7.69142	15.38283	50000
	575.0395	18.40	43106	0.86213	1.72426	50000
	10129.1618	18.48	759307	15.18615	30.37230	50000
	2184.8005	18.55	163778	3.27556	6.55113	50000
	2247.9201	18.64	168510	3.37020	6.74039	50000
AROCLOR-1260-3	1355.7210	18.69	1625159	2.03257	4.06513	799560
	634.9546	18.82	47598	0.95196	1.90391	50000
	1159.0566	18.93	86886	1.73772	3.47543	50000
	2912.4976	19.04	218328	4.36656	8.73313	50000
	3570.1019	19.12	267624	5.35248	10.70495	50000
	484.2315	19.20	36299	0.72598	1.45197	50000
	821.8006	19.27	61604	1.23208	2.46417	50000
AROCLOR-1260-4	1823.8540	19.39	1497575	2.73441	5.46883	547677
	5390.6729	19.46	404098	8.08197	16.16394	50000
	3090.4645	19.50	231669	4.63338	9.26676	50000
	588.4446	19.62	44111	0.88223	1.76445	50000
	42.4733	19.68	3184	0.06368	0.12736	50000
	2498.5159	19.86	187295	3.74590	7.49180	50000
	2694.2107	19.94	201965	4.03930	8.07859	50000
	188.0742	20.01	14099	0.28197	0.56394	50000
	966.2641	20.08	72434	1.44867	2.89734	50000
	1445.6927	20.13	108373	2.16746	4.33491	50000
	2505.9203	20.18	187850	3.75700	7.51400	50000
	303.8039	20.33	22774	0.45548	0.91096	50000
AROCLOR-1260-5	2097.4754	20.49	617460	3.14464	6.28928	196353
	1975.8679	20.55	148116	2.96232	5.92464	50000
	2090.4484	20.67	156705	3.13411	6.26821	50000
	1976.3227	20.72	148150	2.96300	5.92601	50000
	680.3690	20.82	51002	1.02004	2.04009	50000
	620.8874	20.87	46543	0.93087	1.86173	50000
	1005.0318	21.06	75340	1.50679	3.01359	50000
	6019.6104	21.11	451245	9.02490	18.04981	50000
	2287.8811	21.18	171505	3.43011	6.86021	50000
	2451.1587	21.40	183745	3.67490	7.34980	50000
	2099.9349	21.44	157416	3.14833	6.29666	50000
DCB	23.4283	21.60	224346	0.03512	0.07025	6387099
	136.5694	21.70	10238	0.20475	0.40950	50000
	141.1208	21.75	10579	0.21158	0.42315	50000
	1669.1809	21.86	125126	2.50252	5.00504	50000
	657.1512	21.97	49262	0.98523	1.97047	50000
	1572.0605	22.06	117846	2.35691	4.71382	50000
				632.72480	1265.44961	22284628

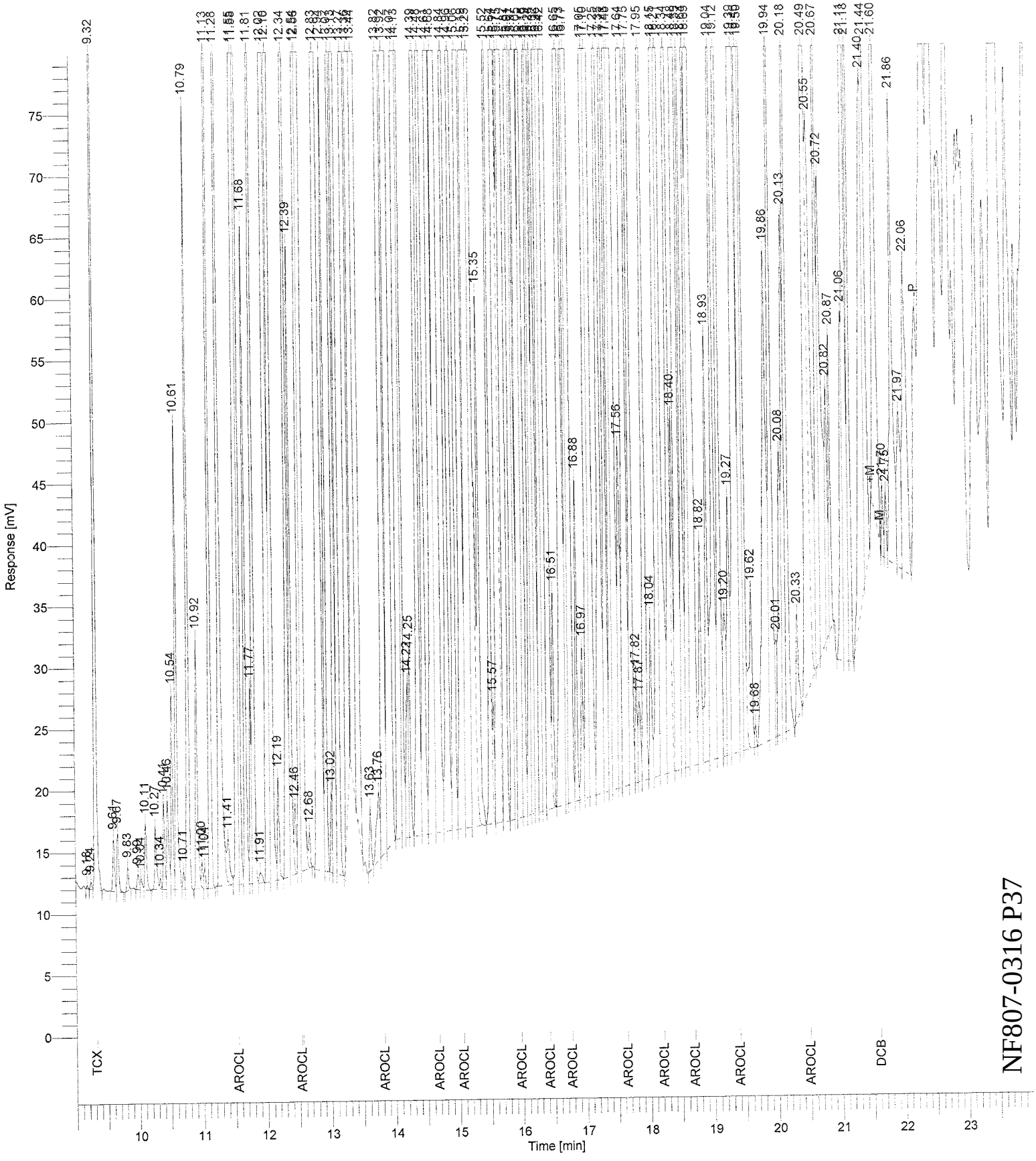
Warning -- Signal level out-of-range in peak

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00211.TX0

NF807-0316 P36

Chromatogram

Sample Name : 0803780-002A Sample #: 000002
FileName : S:\GC\HP6890-2\2008\03-2008\2b00211.raw
Date : 4/3/2008 4:51:03 PM
Method : pest Time of Injection: 3/25/2008 5:57:15 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000002DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-002ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00229.raw

% Moisture: 31.6 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/26/08

Injection Volume: 0.5 (uL) Dilution Factor: 50.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	2400	UX
11104-28-2	Aroclor 1221	4900	U
11141-16-5	Aroclor 1232	2400	UX
53469-21-9	Aroclor 1242	12000	D
12672-29-6	Aroclor 1248	2400	UX
11097-69-1	Aroclor 1254	13000	D
11096-82-5	Aroclor 1260	4100	DY

Software Version	: 6.3.1.0504	Date	: 3/28/2008 10:54:55 AM
Reprocess Number	: I-21865: 86521		
Operator	: manager	Sample Name	: 0803780-002A
Sample Number	: 000002	Study	: dl","aspb5-8082_s
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: 6890-2	Channel	: A
Interface Serial #	: 9144290001	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 24.00 min
Sampling Rate	: 4.1660 pts/s		
Sample Volume	: 0.500000 ul		
Sample Amount	: 1.0000	Area Reject	: 10.000000
Data Acquisition Time	: 3/26/2008 2:57:37 PM	Dilution Factor	: 50.00
		Cycle	: 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00229.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00229.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00229.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00229.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00229.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold	: 25	Area Threshold	: 500
Bunch Factor	: 2	Multiplier	: 667.0000
Divisor	: 1.0000	Addend	: 0.0000

User1	: HP6890-2
User2	: Rtx-CLP
User3	: 0.32
User4	:
User5	:
User6	:
User7	:
User8	:
User9	:
User10	:
Total number of peaks detected	: 99

Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	18.4093	9.42	2561	0.00055	0.00110	4639369
	1488.7332	10.41	2232	0.04464	0.08928	50000
	2253.2451	10.71	3378	0.06756	0.13513	50000
	2143.2950	10.86	3213	0.06427	0.12853	50000
	1299.6035	11.16	1948	0.03897	0.07794	50000
AROCLOR-1242-1	4774.3355	11.27	23919	0.14316	0.28632	167081
	4396.1940	11.56	6591	0.13182	0.26364	50000
	11142.6889	11.70	16706	0.33411	0.66823	50000
	6690.1907	11.75	10030	0.20061	0.40121	50000
	2011.5814	11.82	3016	0.06032	0.12063	50000
	4410.0148	12.18	6612	0.13223	0.26447	50000
AROCLOR-1242-2	3060.6735	12.30	14328	0.09177	0.18355	156118
AROCLOR-1242-3	6343.2702	12.35	42749	0.19020	0.38041	224756
	5148.9795	12.47	7720	0.15439	0.30878	50000
	1913.7104	12.56	2869	0.05738	0.11477	50000
	2405.5496	12.64	3607	0.07213	0.14426	50000
	8650.7611	12.69	12970	0.25939	0.51879	50000
	3665.9264	12.78	5496	0.10992	0.21985	50000
	3216.6637	12.95	4823	0.09645	0.19290	50000
	32421.5903	13.04	48608	0.97216	1.94432	50000
	23871.0550	13.10	35789	0.71577	1.43155	50000
	14888.8382	13.17	22322	0.44644	0.89288	50000
	1152.2125	13.26	1727	0.03455	0.06910	50000

NF807-0316 P39

3/28/2008 10:54:55 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00229.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
AROCLOR-1242-4	16239.2139	13.52	59539	0.48693	0.97387	122274
	13885.3208	13.58	20818	0.41635	0.83270	50000
	21132.7154	13.70	31683	0.63366	1.26733	50000
	18438.1169	13.79	27643	0.55287	1.10573	50000
	2326.9365	13.86	3489	0.06977	0.13955	50000
	8983.3684	14.00	13468	0.26937	0.53873	50000
	1453.1884	14.17	2179	0.04357	0.08715	50000
	6458.7201	14.23	9683	0.19366	0.38733	50000
AROCLOR-1254-1	9331.9601	14.32	47635	0.27982	0.55964	170234
AROCLOR-1242-5	10708.5219	14.40	41239	0.32110	0.64219	128432
	26831.3033	14.46	40227	0.80454	1.60907	50000
	1258.3314	14.61	1887	0.03773	0.07546	50000
	8170.2136	14.74	12249	0.24498	0.48997	50000
	16252.9103	14.79	24367	0.48734	0.97469	50000
AROCLOR-1254-2	10329.5015	14.85	72596	0.30973	0.61946	234386
	19019.1744	14.93	28515	0.57029	1.14058	50000
	1314.5441	15.10	1971	0.03942	0.07883	50000
	3980.4422	15.22	5968	0.11935	0.23871	50000
	19420.0423	15.32	29116	0.58231	1.16462	50000
AROCLOR-1254-3	9841.1742	15.40	55791	0.29509	0.59018	189067
	12990.9543	15.49	19477	0.38953	0.77907	50000
AROCLOR-1254-4	10149.8135	15.65	96282	0.30434	0.60868	316360
	7684.4325	15.73	11521	0.23042	0.46084	50000
	19227.6821	15.88	28827	0.57654	1.15308	50000
	615.5069	15.95	923	0.01846	0.03691	50000
	22432.8112	16.01	33632	0.67265	1.34530	50000
	1288.5870	16.06	1932	0.03864	0.07728	50000
	3569.3870	16.10	5351	0.10703	0.21406	50000
AROCLOR-1254-5	8364.9445	16.20	62397	0.25082	0.50165	248768
	2536.9135	16.31	3803	0.07607	0.15214	50000
	6434.1570	16.44	9646	0.19293	0.38586	50000
	46816.4828	16.56	70190	1.40379	2.80759	50000
	2949.6961	16.64	4422	0.08845	0.17689	50000
	23652.7030	16.74	35461	0.70923	1.41845	50000
	12797.3644	16.80	19186	0.38373	0.76746	50000
	6248.4278	16.90	9368	0.18736	0.37472	50000
	6749.6492	16.99	10119	0.20239	0.40478	50000
	67773.9369	17.10	101610	2.03220	4.06440	50000
	4328.8656	17.27	6490	0.12980	0.25960	50000
AROCLOR-1260-1	2211.7406	17.32	13893	0.06632	0.13264	209482
	5402.5504	17.42	8100	0.16200	0.32399	50000
	2676.5430	17.59	4013	0.08026	0.16051	50000
	17948.6139	17.66	26909	0.53819	1.07638	50000
	5973.7522	17.74	8956	0.17912	0.35825	50000
AROCLOR-1260-2	3484.8026	17.80	24127	0.10449	0.20898	230895
	5601.4536	17.88	8398	0.16796	0.33592	50000
	3703.5244	17.98	5553	0.11105	0.22210	50000
	9372.6736	18.15	14052	0.28104	0.56208	50000
	2253.6124	18.22	3379	0.06757	0.13515	50000
	3677.9983	18.28	5514	0.11028	0.22057	50000
AROCLOR-1260-3	2358.0183	18.40	37711	0.07071	0.14141	533353
	929.0782	18.48	1393	0.02786	0.05572	50000
AROCLOR-1260-4	2434.5693	18.95	20357	0.07300	0.14600	278859
	7714.5654	19.01	11566	0.23132	0.46264	50000
	8609.3767	19.09	12908	0.25815	0.51630	50000
	3141.6339	19.46	4710	0.09420	0.18840	50000
	5915.2327	19.53	8868	0.17737	0.35474	50000
	3434.8427	19.64	5150	0.10299	0.20599	50000
AROCLOR-1260-5	7074.4237	20.13	30551	0.21213	0.42425	144021
	3594.2139	20.46	5389	0.10777	0.21555	50000
	6730.8342	20.68	10091	0.20182	0.40365	50000
	6959.8092	20.97	10434	0.20869	0.41738	50000
DCB	41.6364	21.04	6490	0.00125	0.00250	5197985
	4704.3029	21.25	7053	0.14106	0.28212	50000
	11741.6599	21.33	17604	0.35207	0.70415	50000
	6579.7485	21.55	9865	0.19729	0.39459	50000
	727.2680	21.84	1090	0.02181	0.04361	50000

NF807-0316 P40

3/28/2008 10:54:55 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00229.rst

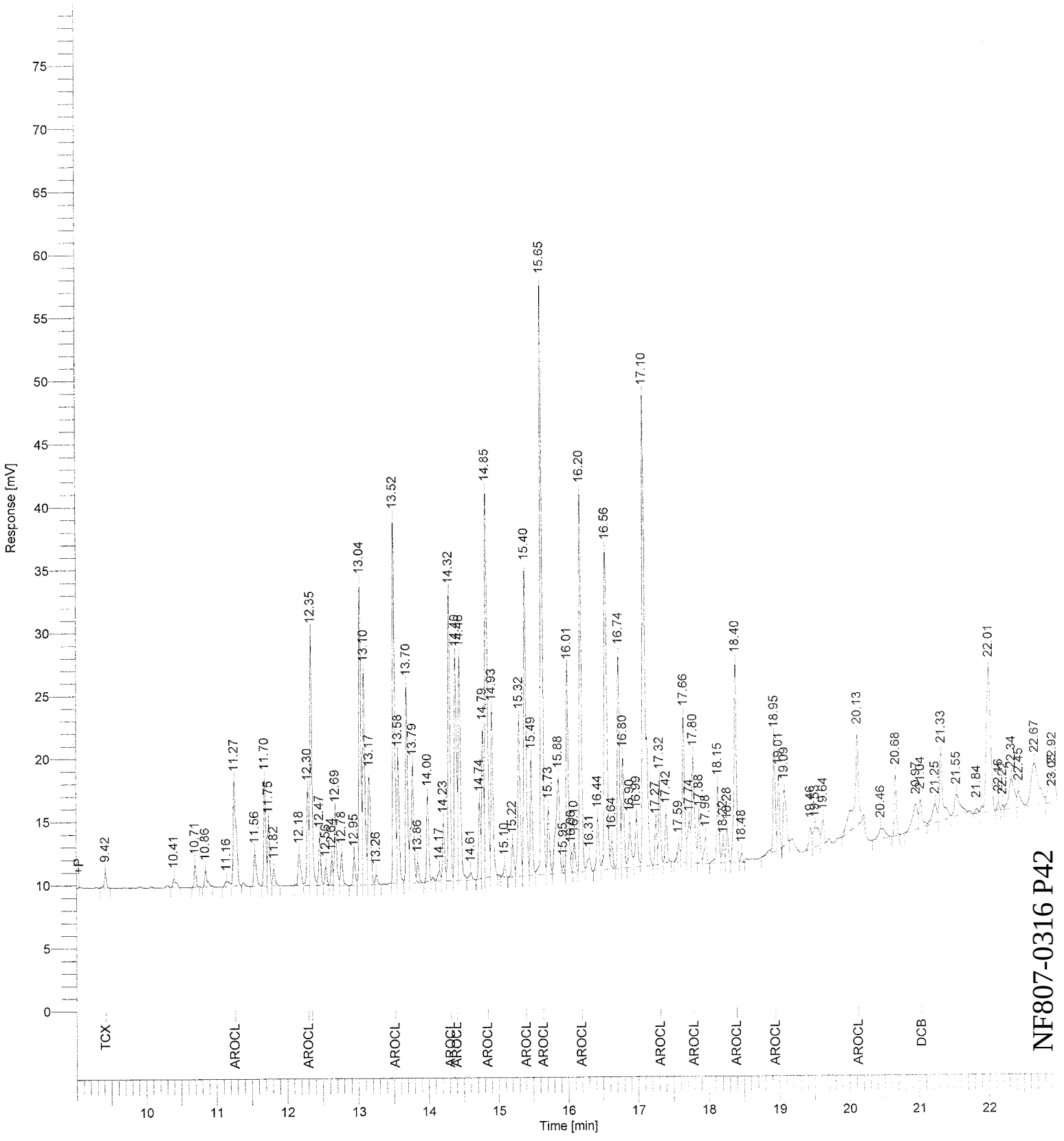
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	32552.9589	22.01	48805	0.97610	1.95220	50000
	915.5917	22.16	1373	0.02745	0.05491	50000
	446.8309	22.22	670	0.01340	0.02680	50000
	8925.8473	22.34	13382	0.26764	0.53528	50000
	2980.9229	22.45	4469	0.08938	0.17877	50000
	17316.9388	22.67	25962	0.51925	1.03850	50000
	9819.8560	22.92	14722	0.29445	0.58890	50000
	756.9475	23.05	1135	0.02270	0.04539	50000
	1041.4032	23.20	1561	0.03123	0.06245	50000
				25.76046	51.52092	17291442

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00229.TX0

NF807-0316 P41

Chromatogram

Sample Name : 0803780-002A Sample #: 000002 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00229.raw
Date : 3/28/2008 10:54:57 AM
Method : pest Time of Injection: 3/26/2008 2:57:37 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 86522
Operator : manager
Sample Number : 000002
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 2:57:37 PM

Date : 3/28/2008 10:55:00 AM

Sample Name : 0803780-002A
Study : dl","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 50.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00229.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00229.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00229.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00229.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00229.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 102
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	17.7856	9.33	3822	0.00053	0.00107	7166746
	297.3204	10.47	446	0.00892	0.01783	50000
	585.3439	10.54	878	0.01755	0.03510	50000
	1279.2110	10.61	1918	0.03836	0.07671	50000
	2699.2868	10.79	4047	0.08094	0.16188	50000
	893.3525	10.93	1339	0.02679	0.05357	50000
	3988.9808	11.13	5980	0.11961	0.23922	50000
	2181.0806	11.32	3270	0.06540	0.13080	50000
AROCLOR-1242-1	5524.7723	11.55	27595	0.16566	0.33132	166575
	7380.1669	11.58	11065	0.22129	0.44259	50000
	2117.2373	11.69	3174	0.06349	0.12697	50000
	567.5371	11.77	851	0.01702	0.03404	50000
	4870.9082	11.81	7303	0.14605	0.29211	50000
	20314.7062	12.03	30457	0.60914	1.21827	50000
	10664.3555	12.10	15989	0.31977	0.63954	50000
	5328.0068	12.34	7988	0.15976	0.31952	50000
	1869.6109	12.40	2803	0.05606	0.11212	50000
AROCLOR-1242-2	2927.9915	12.54	18653	0.08780	0.17559	212454
AROCLOR-1242-3	7184.0676	12.58	72270	0.21541	0.43083	335494
	14379.6491	12.84	21559	0.43117	0.86235	50000
	3144.8341	12.94	4715	0.09430	0.18860	50000
	4891.6545	13.08	7334	0.14668	0.29335	50000
	12461.1881	13.14	18682	0.37365	0.74730	50000

NF807-0316 P43

3/28/2008 10:55:00 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00229.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	53283.5209	13.29	79885	1.59771	3.19541	50000
	41048.9402	13.37	61543	1.23085	2.46171	50000
	24635.2333	13.44	36934	0.73869	1.47738	50000
AROCLOR-1242-4	17335.1732	13.84	96910	0.51980	1.03959	186438
	26130.1164	13.92	39176	0.78351	1.56702	50000
	48806.0285	14.09	73172	1.46345	2.92690	50000
	7958.3055	14.13	11931	0.23863	0.47726	50000
	172.0944	14.22	258	0.00516	0.01032	50000
	14918.2761	14.39	22366	0.44732	0.89465	50000
	10296.0249	14.48	15436	0.30873	0.61745	50000
AROCLOR-1254-1	6847.7324	14.62	60647	0.20533	0.41066	295363
AROCLOR-1242-5	19369.8521	14.70	132021	0.58081	1.16161	227308
	10288.4276	14.85	15425	0.30850	0.61700	50000
	13076.3795	14.96	19605	0.39210	0.78419	50000
AROCLOR-1254-2	9444.4872	15.08	90139	0.28319	0.56639	318294
	48768.2395	15.19	73116	1.46232	2.92463	50000
	23550.6013	15.25	35308	0.70616	1.41233	50000
	2564.9017	15.35	3845	0.07691	0.15382	50000
	5268.7177	15.52	7899	0.15798	0.31597	50000
	26267.2104	15.64	39381	0.78762	1.57524	50000
	51715.8072	15.76	77535	1.55070	3.10140	50000
	19287.6488	15.87	28917	0.57834	1.15668	50000
	6940.0964	15.91	10405	0.20810	0.41620	50000
AROCLOR-1254-3	10602.2005	15.99	143664	0.31791	0.63581	451905
	12326.9220	16.06	18481	0.36962	0.73925	50000
	10678.1366	16.19	16009	0.32018	0.64037	50000
	3713.0835	16.24	5567	0.11134	0.22267	50000
	14920.5257	16.32	22370	0.44739	0.89478	50000
	37113.7286	16.37	55643	1.11286	2.22571	50000
AROCLOR-1254-4	8635.2764	16.43	86703	0.25893	0.51786	334852
	13730.6607	16.65	20586	0.41171	0.82343	50000
AROCLOR-1254-5	10177.4939	16.78	71483	0.30517	0.61034	234239
	921.7494	16.88	1382	0.02764	0.05528	50000
	583.7012	16.97	875	0.01750	0.03500	50000
	27270.7948	17.05	40886	0.81771	1.63543	50000
	55252.7718	17.11	82838	1.65675	3.31351	50000
	1415.3288	17.21	2122	0.04244	0.08488	50000
	8013.6431	17.26	12014	0.24029	0.48058	50000
	6327.0867	17.35	9486	0.18972	0.37944	50000
	19390.8323	17.43	29072	0.58143	1.16287	50000
	82025.0474	17.47	122976	2.45952	4.91904	50000
	2783.6854	17.56	4173	0.08347	0.16694	50000
AROCLOR-1260-1	3532.5035	17.64	33057	0.10592	0.21184	312089
	8502.5224	17.75	12747	0.25495	0.50990	50000
	345.8497	17.82	519	0.01037	0.02074	50000
	5370.0064	17.95	8051	0.16102	0.32204	50000
	589.4536	18.05	884	0.01767	0.03535	50000
	24309.6487	18.16	36446	0.72892	1.45785	50000
AROCLOR-1260-2	2902.9188	18.21	30124	0.08704	0.17409	346075
	9123.3952	18.35	13678	0.27357	0.54713	50000
	1018.3186	18.40	1527	0.03053	0.06107	50000
	15226.7949	18.48	22829	0.45658	0.91315	50000
	4077.7492	18.55	6114	0.12227	0.24454	50000
	4239.8983	18.64	6357	0.12713	0.25427	50000
AROCLOR-1260-3	1978.9190	18.69	47444	0.05934	0.11868	799560
	836.0561	18.82	1253	0.02507	0.05014	50000
	1479.7388	18.93	2218	0.04437	0.08874	50000
	3894.2129	19.04	5838	0.11677	0.23354	50000
	4977.2729	19.13	7462	0.14924	0.29849	50000
	667.2881	19.27	1000	0.02001	0.04002	50000
AROCLOR-1260-4	2639.7544	19.39	43350	0.07915	0.15831	547677
	7845.8766	19.46	11763	0.23526	0.47052	50000
	4484.0642	19.50	6723	0.13445	0.26891	50000
	8114.9431	19.86	12166	0.24333	0.48665	50000
	5984.6480	19.94	8972	0.17945	0.35890	50000
	7539.9376	20.14	11304	0.22609	0.45217	50000
	5196.0824	20.18	7790	0.15580	0.31161	50000

NF807-0316 P44

3/28/2008 10:55:00 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00229.rst

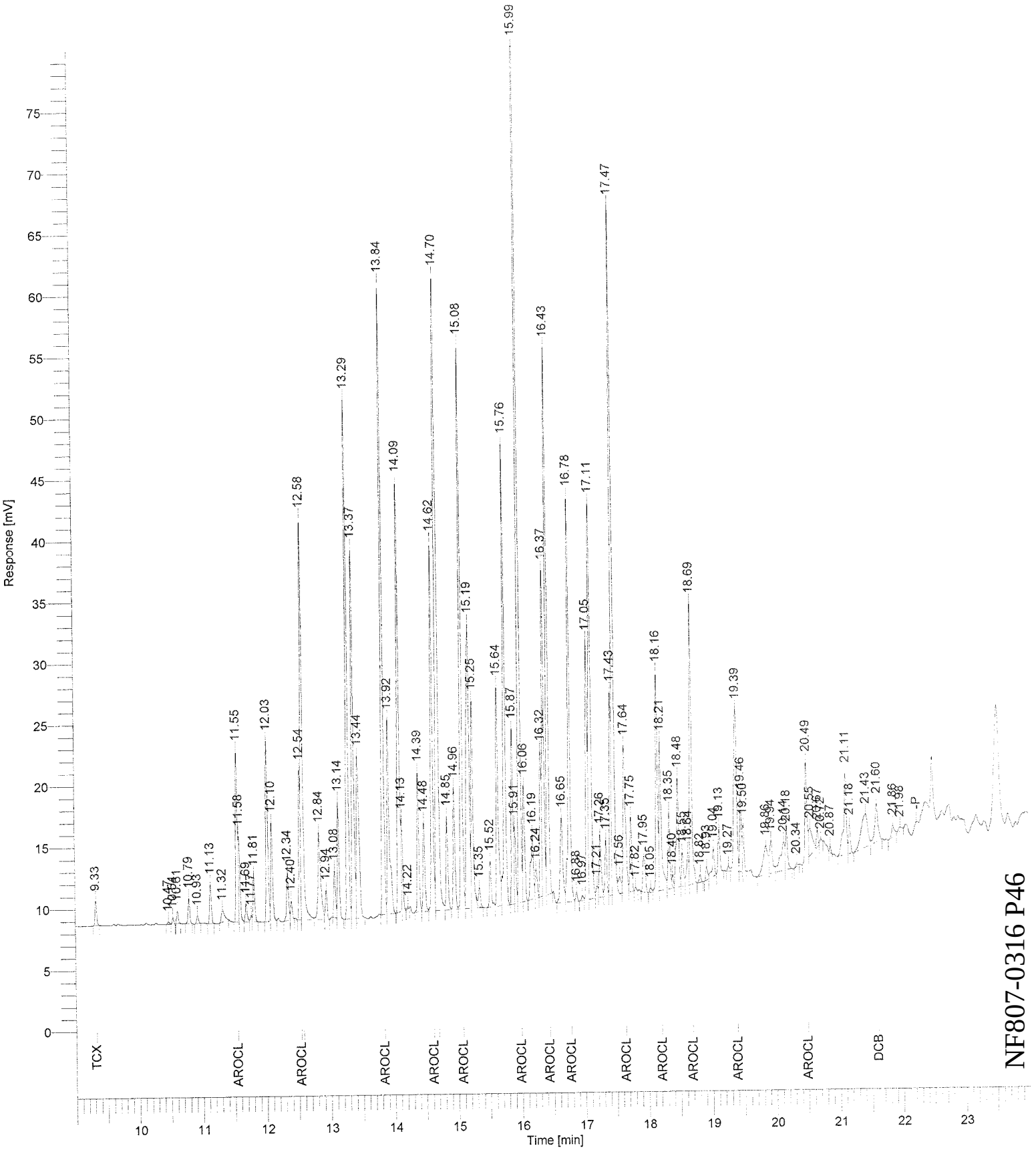
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	287.1071	20.34	430	0.00861	0.01722	50000
AROCLOR-1260-5	3003.5392	20.49	17684	0.09006	0.18012	196353
	6162.1038	20.55	9239	0.18477	0.36954	50000
	1839.0060	20.67	2757	0.05514	0.11029	50000
	477.4921	20.72	716	0.01432	0.02864	50000
	524.7908	20.87	787	0.01574	0.03147	50000
	13642.0106	21.11	20453	0.40906	0.81811	50000
	3288.3998	21.18	4930	0.09860	0.19721	50000
	13083.3854	21.43	19615	0.39231	0.78461	50000
DCB	59.1216	21.60	11323	0.00177	0.00355	6387099
	1994.6776	21.86	2991	0.05981	0.11962	50000
	831.0210	21.98	1246	0.02492	0.04984	50000
				33.26825	66.53649	22768521

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00229.TX0

NF807-0316 P45

Chromatogram

Sample Name : 0803780-002A Sample #: 000002 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00229.raw
Date : 3/28/2008 10:55:03 AM
Method : pest Time of Injection: 3/26/2008 2:57:37 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000003

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-003A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00212.raw

% Moisture: 28.8 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/25/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	46	UX
11104-28-2	Aroclor 1221	94	U
11141-16-5	Aroclor 1232	46	UX
53469-21-9	Aroclor 1242	2100	EP
12672-29-6	Aroclor 1248	46	UX
11097-69-1	Aroclor 1254	6900	E
11096-82-5	Aroclor 1260	3100	EPY

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87829
Operator : manager
Sample Number : 000003
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 6:25:46 PM

Date : 4/3/2008 4:51:06 PM

Sample Name : 0803780-003A
Study : samp","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 6

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00212.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00212.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00212.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00212.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00212.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 128
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	25.1796	9.28	1888	0.03775	0.07550	50000
	70.3645	9.36	5275	0.10549	0.21099	50000
TCX	13.6265	9.42	94780	0.02043	0.04086	4639369
	23.7654	9.65	1782	0.03563	0.07126	50000
	131.8754	9.92	9886	0.19771	0.39543	50000
	126.3283	10.08	9470	0.18940	0.37880	50000
	264.5459	10.30	19831	0.39662	0.79324	50000
	879.3064	10.40	65915	1.31830	2.63660	50000
	426.3478	10.44	31960	0.63920	1.27840	50000
	21.9587	10.53	1646	0.03292	0.06584	50000
	444.5605	10.70	33325	0.66651	1.33301	50000
	1253.9564	10.85	94000	1.87999	3.75999	50000
	34.2276	10.99	2566	0.05132	0.10263	50000
	1286.4732	11.09	96437	1.92875	3.85749	50000
AROCLOR-1242-1	1634.2957	11.26	409385	2.45022	4.90044	167081
	177.2573	11.39	13288	0.26575	0.53151	50000
	1457.4805	11.56	109256	2.18513	4.37026	50000
	4584.5851	11.70	343672	6.87344	13.74688	50000
	2016.9742	11.75	151197	3.02395	6.04790	50000
	637.7523	11.82	47808	0.95615	1.91230	50000
	19.3054	11.92	1447	0.02894	0.05789	50000
	76.2081	12.08	5713	0.11425	0.22851	50000
	59.2772	12.12	4444	0.08887	0.17774	50000

NF807-0316 P48

4/3/2008 4:51:06 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00212.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	1812.4693	12.18	135867	2.71735	5.43469	50000
AROCLOR-1242-2	1524.8971	12.30	356918	2.28620	4.57241	156118
AROCLOR-1242-3	----------	12.35	1903564	----------	----------	----------
	1978.7728	12.47	148334	2.96668	5.93335	50000
	669.0396	12.55	50153	1.00306	2.00612	50000
	2108.0511	12.63	158025	3.16050	6.32099	50000
	3757.5048	12.69	281672	5.63344	11.26688	50000
	3329.6332	12.77	249598	4.99195	9.98391	50000
	1185.0825	12.95	88837	1.77674	3.55347	50000
	18886.8467	13.04	1415806	28.31611	56.63222	50000
	13543.8262	13.09	1015279	20.30559	40.61117	50000
	8097.9672	13.17	607044	12.14088	24.28176	50000
	478.9528	13.26	35904	0.71807	1.43614	50000
	26.6127	13.37	1995	0.03990	0.07980	50000
	97.3231	13.44	7296	0.14591	0.29182	50000
AROCLOR-1242-4	9670.8411	13.52	1772853	14.49901	28.99802	122274
	7449.7203	13.58	558450	11.16900	22.33799	50000
	14243.2911	13.70	1067713	21.35426	42.70852	50000
	9781.2757	13.78	733229	14.66458	29.32916	50000
	931.0620	13.85	69795	1.39590	2.79179	50000
	4376.5192	14.00	328075	6.56150	13.12300	50000
	253.1188	14.07	18974	0.37949	0.75898	50000
	725.8936	14.16	54415	1.08830	2.17659	50000
	5087.8534	14.22	381398	7.62797	15.25593	50000
AROCLOR-1254-1	5181.6953	14.31	1322493	7.76866	15.53732	170234
AROCLOR-1242-5	4186.4075	14.40	806101	6.27647	12.55295	128432
	14798.0146	14.46	1109296	22.18593	44.37186	50000
	981.3939	14.61	73568	1.47136	2.94271	50000
	4180.0341	14.74	313346	6.26692	12.53384	50000
	9102.7043	14.79	682362	13.64723	27.29447	50000
AROCLOR-1254-2	----------	14.84	2321687	----------	----------	----------
	10539.2352	14.92	790048	15.80095	31.60190	50000
	360.3459	15.01	27012	0.54025	1.08050	50000
	1023.3621	15.10	76714	1.53428	3.06855	50000
	2305.4570	15.21	172823	3.45646	6.91291	50000
	10917.5317	15.31	818406	16.36811	32.73623	50000
AROCLOR-1254-3	5806.7605	15.40	1645976	8.70579	17.41158	189067
	7289.0761	15.49	546408	10.92815	21.85630	50000
AROCLOR-1254-4	----------	15.63	2504162	----------	----------	----------
	4078.3704	15.73	305725	6.11450	12.22900	50000
	10118.8499	15.87	758534	15.17069	30.34138	50000
	613.4945	15.94	45989	0.91978	1.83956	50000
	12784.7559	16.00	958378	19.16755	38.33510	50000
	768.9808	16.06	57645	1.15289	2.30579	50000
	2422.2289	16.10	181576	3.63153	7.26306	50000
AROCLOR-1254-5	----------	16.19	1970551	----------	----------	----------
	2044.4281	16.31	153255	3.06511	6.13022	50000
	4320.1715	16.44	323851	6.47702	12.95404	50000
	29259.9045	16.55	2193396	43.86792	87.73585	50000
	2527.4391	16.64	189463	3.78926	7.57853	50000
	16975.5606	16.74	1272531	25.45062	50.90123	50000
	7913.9028	16.80	593246	11.86492	23.72984	50000
	4530.2078	16.90	339596	6.79192	13.58383	50000
	5401.4956	16.99	404910	8.09819	16.19639	50000
	----------	17.09	3101510	----------	----------	----------
	2965.0417	17.26	222267	4.44534	8.89068	50000
AROCLOR-1260-1	1852.6937	17.32	581869	2.77765	5.55530	209482
	5053.5336	17.41	378826	7.57651	15.15302	50000
	812.1311	17.50	60879	1.21759	2.43518	50000
	3566.1542	17.59	267328	5.34656	10.69312	50000
	11181.1813	17.66	838170	16.76339	33.52678	50000
	3908.5754	17.74	292997	5.85993	11.71987	50000
AROCLOR-1260-2	2581.8379	17.80	893754	3.87082	7.74164	230895
	3647.5052	17.88	273426	5.46852	10.93705	50000
	2674.6257	17.97	200497	4.00993	8.01987	50000
	6353.4179	18.15	476268	9.52536	19.05073	50000
	1664.9792	18.22	124811	2.49622	4.99244	50000

NF807-0316 P49

4/3/2008 4:51:06 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00212.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	2203.9564	18.27	165214	3.30428	6.60856	50000
AROCLOR-1260-3	1987.1774	18.39	1589007	2.97928	5.95855	533353
	540.4770	18.48	40516	0.81031	1.62062	50000
	177.2909	18.54	13290	0.26580	0.53161	50000
	420.6446	18.63	31533	0.63065	1.26130	50000
	1802.5619	18.87	135125	2.70249	5.40498	50000
AROCLOR-1260-4	1656.9376	18.94	692732	2.48416	4.96833	278859
	10087.0528	19.01	756151	15.12302	30.24604	50000
	14976.0707	19.08	1122644	22.45288	44.90576	50000
	3116.3027	19.18	233606	4.67212	9.34424	50000
	4041.7128	19.46	302977	6.05954	12.11908	50000
	5084.7112	19.54	381163	7.62326	15.24651	50000
	5311.0080	19.64	398127	7.96253	15.92506	50000
	1357.3776	19.72	101752	2.03505	4.07010	50000
	1913.0039	19.88	143404	2.86807	5.73614	50000
	9755.3090	20.03	731283	14.62565	29.25130	50000
AROCLOR-1260-5	7283.7888	20.13	1572746	10.92022	21.84045	144021
	3491.3617	20.22	261721	5.23443	10.46885	50000
	1181.1568	20.46	88542	1.77085	3.54170	50000
	1384.0490	20.49	103752	2.07504	4.15007	50000
	10032.0909	20.68	752031	15.04062	30.08123	50000
	48.8943	20.76	3665	0.07330	0.14661	50000
	2594.3420	20.97	194478	3.88957	7.77914	50000
DCB	17.9969	21.04	140252	0.02698	0.05396	5197985
	3406.3279	21.25	255347	5.10694	10.21388	50000
	8557.8072	21.33	641515	12.83030	25.66059	50000
	11868.6496	21.56	889704	17.79408	35.58815	50000
	771.0124	21.84	57797	1.15594	2.31188	50000
	29831.1250	22.01	2236216	44.72433	89.44865	50000
	307.4491	22.15	23047	0.46094	0.92189	50000
	140.9413	22.22	10565	0.21131	0.42261	50000
	7033.9678	22.34	527284	10.54568	21.09136	50000
	2208.2070	22.44	165533	3.31066	6.62131	50000
	14406.0381	22.66	1079913	21.59826	43.19652	50000
	9356.0903	22.92	701356	14.02712	28.05424	50000
	420.0201	23.03	31486	0.62972	1.25943	50000
	483.6429	23.19	36255	0.72510	1.45020	50000
	258.9637	23.27	19413	0.38825	0.77650	50000
				797.43809	1594.87619	17667172

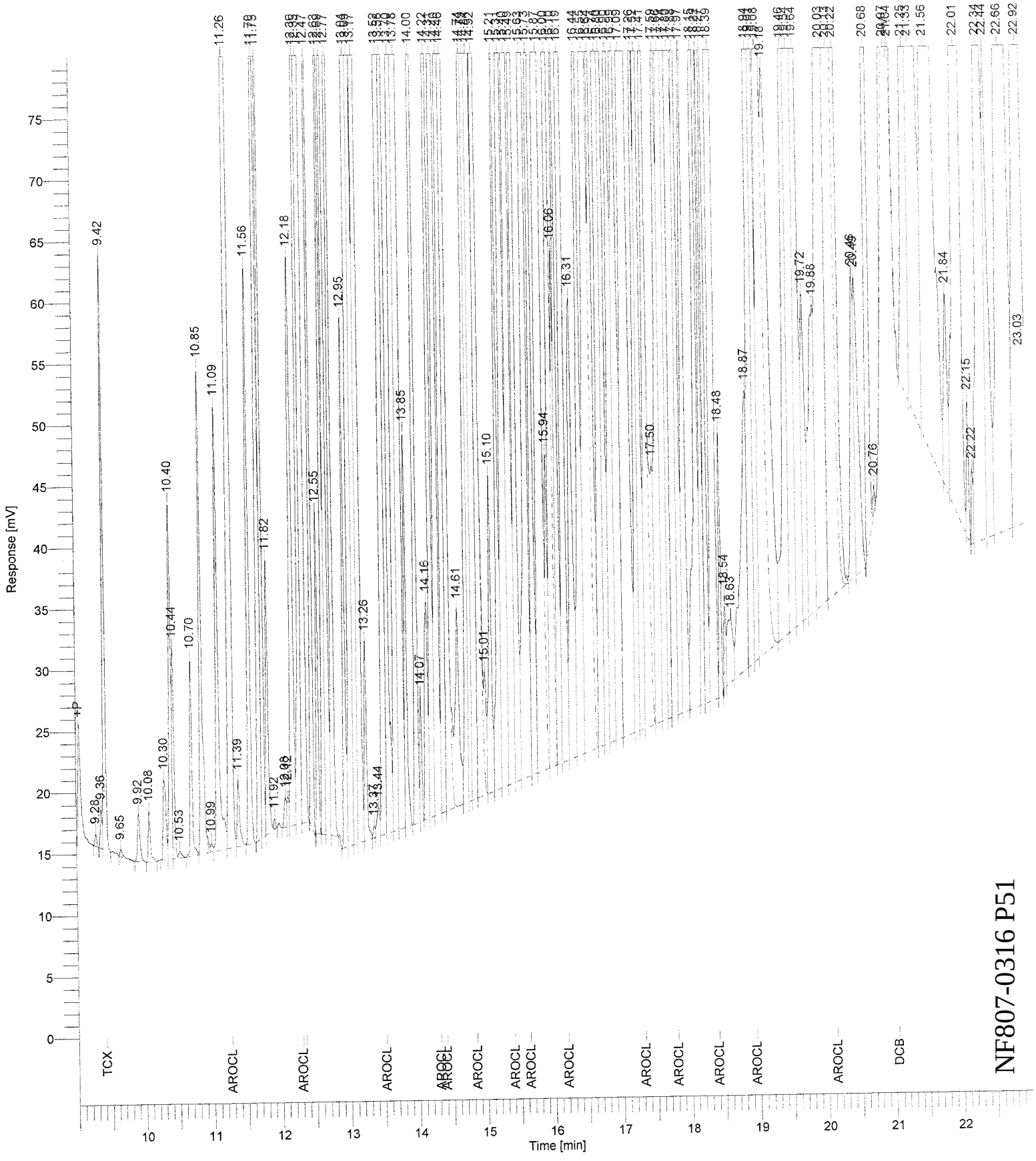
Warning -- Signal level out-of-range in peak

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00212.TX0

NF807-0316 P50

Chromatogram

Sample Name : 0803780-003A Sample #: 000003 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00212.raw
Date : 4/3/2008 4:51:08 PM
Method : pest Time of Injection: 3/25/2008 6:25:46 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87830
Operator : manager
Sample Number : 000003
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 6:25:46 PM

Date : 4/3/2008 4:51:11 PM

Sample Name : 0803780-003A
Study : samp","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 6

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00212.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00212.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00212.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00212.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00212.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 143
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	76.3472	8.41	5723	0.11446	0.22893	50000
	51.6131	8.58	3869	0.07738	0.15476	50000
	72.9113	8.71	5466	0.10931	0.21862	50000
	162.7474	8.83	12200	0.24400	0.48800	50000
	4.7098	9.19	353	0.00706	0.01412	50000
	14.7049	9.25	1102	0.02205	0.04409	50000
TCX	13.9899	9.32	150318	0.02097	0.04195	7166746
	7.3144	9.53	548	0.01097	0.02193	50000
	63.6854	9.61	4774	0.09548	0.19096	50000
	109.0729	9.67	8176	0.16353	0.32706	50000
	14.4301	9.83	1082	0.02163	0.04327	50000
	23.1895	9.92	1738	0.03477	0.06953	50000
	29.1039	10.00	2182	0.04363	0.08727	50000
	141.6263	10.11	10617	0.21233	0.42467	50000
	214.0171	10.27	16043	0.32087	0.64173	50000
	133.9343	10.41	10040	0.20080	0.40160	50000
	214.3953	10.47	16072	0.32143	0.64286	50000
	503.8175	10.54	37767	0.75535	1.51070	50000
	1035.9135	10.61	77655	1.55309	3.10619	50000
	39.1431	10.71	2934	0.05869	0.11737	50000
	1378.7608	10.79	103355	2.06711	4.13422	50000
	304.8840	10.92	22855	0.45710	0.91419	50000
	24.2302	11.00	1816	0.03633	0.07265	50000

NF807-0316 P52

4/3/2008 4:51:11 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00212.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	20.5178	11.04	1538	0.03076	0.06152	50000
	640.1261	11.13	47985	0.95971	1.91942	50000
	1648.3004	11.28	123561	2.47122	4.94243	50000
	99.2753	11.41	7442	0.14884	0.29768	50000
AROCLOR-1242-1	1609.1845	11.55	401873	2.41257	4.82514	166575
	3086.8825	11.58	231400	4.62801	9.25602	50000
	841.0914	11.69	63050	1.26101	2.52201	50000
	170.8716	11.77	12809	0.25618	0.51236	50000
	1294.2566	11.81	97021	1.94041	3.88083	50000
	18.2791	11.90	1370	0.02740	0.05481	50000
	7865.9593	12.02	589652	11.79304	23.58608	50000
	3130.9186	12.10	234702	4.69403	9.38806	50000
	116.9077	12.19	8764	0.17527	0.35055	50000
	1771.9623	12.34	132831	2.65662	5.31323	50000
	1134.2069	12.40	85023	1.70046	3.40092	50000
	74.3983	12.45	5577	0.11154	0.22308	50000
AROCLOR-1242-2	1362.9818	12.54	434140	2.04345	4.08690	212454
AROCLOR-1242-3	----------	12.56	2470731	----------	----------	----------
	51.9283	12.68	3893	0.07785	0.15571	50000
	7445.0931	12.83	558103	11.16206	22.32412	50000
	959.3302	12.94	71914	1.43828	2.87655	50000
	4733.3750	13.07	354826	7.09651	14.19303	50000
	4998.4606	13.13	374697	7.49394	14.98789	50000
	----------	13.27	2066151	----------	----------	----------
	22538.0153	13.37	1689506	33.79013	67.58026	50000
	12398.8832	13.44	929452	18.58903	37.17806	50000
	26.0183	13.55	1950	0.03901	0.07802	50000
	79.3874	13.63	5951	0.11902	0.23804	50000
	232.4249	13.76	17423	0.34846	0.69693	50000
AROCLOR-1242-4	----------	13.83	2292266	----------	----------	----------
	10973.7861	13.92	822623	16.45245	32.90491	50000
	2498.8841	13.96	187323	3.74645	7.49291	50000
	----------	14.08	2307174	----------	----------	----------
	1949.0371	14.13	146105	2.92209	5.84419	50000
	1399.5883	14.25	104917	2.09833	4.19667	50000
	7120.4958	14.39	533770	10.67541	21.35081	50000
	7389.0987	14.48	553905	11.07811	22.15622	50000
	14153.7193	14.61	1060998	21.21997	42.43994	50000
AROCLOR-1254-1	----------	14.68	2861827	----------	----------	----------
	6028.7985	14.84	451934	9.03868	18.07736	50000
	7829.7547	14.96	586938	11.73876	23.47753	50000
AROCLOR-1254-2	----------	15.07	2406501	----------	----------	----------
	31927.1413	15.19	2393339	47.86678	95.73356	50000
	12302.8428	15.25	922252	18.44504	36.89008	50000
	1294.8106	15.30	97062	1.94125	3.88249	50000
	10442.8061	15.35	782819	15.65638	31.31276	50000
	5961.5435	15.52	446892	8.93785	17.87569	50000
	1676.2287	15.57	125654	2.51309	5.02617	50000
	15438.7047	15.64	1157324	23.14648	46.29297	50000
	2361.8136	15.71	177047	3.54095	7.08190	50000
	----------	15.75	2041241	----------	----------	----------
	10417.3578	15.87	780911	15.61823	31.23646	50000
	3071.0405	15.90	230213	4.60426	9.20852	50000
AROCLOR-1254-3	----------	15.97	2644998	----------	----------	----------
	6032.6871	16.05	452225	9.04451	18.08902	50000
	2101.4455	16.16	157530	3.15059	6.30119	50000
	3714.3637	16.19	278438	5.56876	11.13752	50000
	2204.8613	16.24	165282	3.30564	6.61128	50000
	7749.7820	16.32	580943	11.61886	23.23773	50000
	18915.1499	16.36	1417927	28.35855	56.71709	50000
AROCLOR-1254-4	----------	16.42	2224314	----------	----------	----------
	348.5343	16.51	26127	0.52254	1.04508	50000
	5553.2456	16.65	416285	8.32571	16.65141	50000
	744.4767	16.73	55808	1.11616	2.23231	50000
AROCLOR-1254-5	4917.6408	16.77	1726989	7.37277	14.74555	234239
	367.3340	16.88	27536	0.55073	1.10145	50000
	311.5738	16.97	23356	0.46713	0.93425	50000

NF807-0316 P53

4/3/2008 4:51:11 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00212.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	12290.3686	17.05	921317	18.42634	36.85268	50000
	----------	17.11	2378460	----------	----------	----------
	3962.1855	17.25	297015	5.94031	11.88062	50000
	2852.0128	17.35	213794	4.27588	8.55176	50000
	9640.5378	17.43	722679	14.45358	28.90716	50000
	----------	17.45	2778312	----------	----------	----------
	1869.8453	17.56	140168	2.80337	5.60673	50000
AROCLOR-1260-1	2331.7711	17.64	1091036	3.49591	6.99182	312089
	5467.5816	17.74	409864	8.19727	16.39455	50000
	421.2757	17.82	31580	0.63160	1.26320	50000
	495.5989	17.87	37151	0.74303	1.48605	50000
	3179.2501	17.95	238325	4.76649	9.53298	50000
	308.3882	18.04	23118	0.46235	0.92470	50000
	11731.7714	18.15	879443	17.58886	35.17773	50000
AROCLOR-1260-2	1810.3655	18.21	939313	2.71419	5.42838	346075
	4177.7938	18.34	313178	6.26356	12.52712	50000
	977.0175	18.39	73240	1.46479	2.92959	50000
	8026.8835	18.48	601715	12.03431	24.06862	50000
	2360.0475	18.55	176915	3.53830	7.07660	50000
	2427.3205	18.64	181958	3.63916	7.27832	50000
AROCLOR-1260-3	1489.1550	18.69	1785112	2.23262	4.46523	799560
	1385.6708	18.82	103873	2.07747	4.15494	50000
	1912.8005	18.93	143388	2.86777	5.73553	50000
	3313.4478	19.03	248384	4.96769	9.93538	50000
	3810.2594	19.12	285627	5.71253	11.42507	50000
	1036.7641	19.20	77718	1.55437	3.10874	50000
	1742.3706	19.26	130612	2.61225	5.22450	50000
AROCLOR-1260-4	2175.7262	19.38	1786499	3.26196	6.52392	547677
	10161.9350	19.46	761764	15.23528	30.47057	50000
	4566.0144	19.50	342280	6.84560	13.69120	50000
	1266.1300	19.62	94912	1.89825	3.79649	50000
	5223.2519	19.85	391548	7.83096	15.66192	50000
	4090.3052	19.94	306620	6.13239	12.26478	50000
	4875.2172	20.13	365459	7.30917	14.61834	50000
	4244.0043	20.18	318141	6.36283	12.72565	50000
	821.6242	20.38	61591	1.23182	2.46364	50000
AROCLOR-1260-5	3201.4318	20.49	942446	4.79975	9.59950	196353
	6210.6253	20.55	465564	9.31128	18.62256	50000
	2781.2624	20.67	208490	4.16981	8.33962	50000
	1391.9856	20.72	104347	2.08693	4.17387	50000
	725.0966	20.74	54355	1.08710	2.17420	50000
	3648.9192	20.76	273532	5.47064	10.94129	50000
	676.1604	20.87	50687	1.01373	2.02747	50000
	1105.9384	20.93	82904	1.65808	3.31616	50000
	15129.2151	21.11	1134124	22.68248	45.36496	50000
	1599.4418	21.17	119898	2.39796	4.79593	50000
	7964.6531	21.42	597050	11.94101	23.88202	50000
DCB	35.7190	21.60	342040	0.05355	0.10710	6387099
	499.6408	21.64	37454	0.74909	1.49817	50000
	665.6169	21.74	49896	0.99793	1.99585	50000
	1230.0868	21.86	92210	1.84421	3.68842	50000
	1329.4840	21.98	99661	1.99323	3.98646	50000
	2065.0430	22.08	154801	3.09602	6.19203	50000
				699.98071	1399.96143	22468867

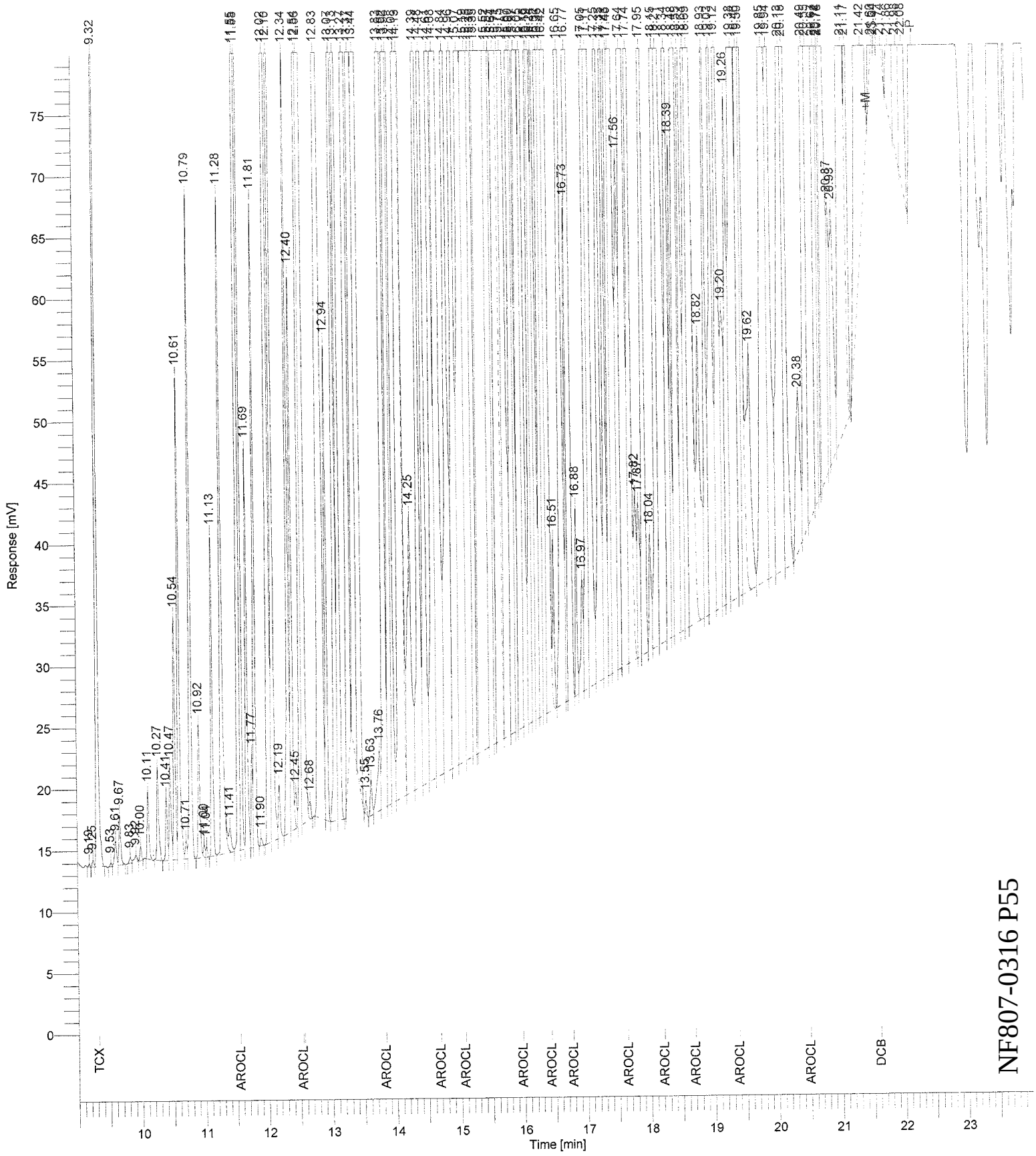
Warning -- Signal level out-of-range in peak

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00212.TX0

NF807-0316 P54

Chromatogram

Sample Name : 0803780-003A Sample #: 000003 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00212.raw
Date : 4/3/2008 4:51:14 PM
Method : pest Time of Injection: 3/25/2008 6:25:46 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000003DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-003ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00231.raw

% Moisture: 28.8 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/26/08

Injection Volume: 0.5 (uL) Dilution Factor: 25.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	1200	UX
11104-28-2	Aroclor 1221	2400	U
11141-16-5	Aroclor 1232	1200	UX
53469-21-9	Aroclor 1242	7700	DP
12672-29-6	Aroclor 1248	1200	UX
11097-69-1	Aroclor 1254	9300	D
11096-82-5	Aroclor 1260	4100	DY

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 86525
Operator : manager
Sample Number : 000003
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 3:54:47 PM

Date : 3/28/2008 10:55:15 AM

Sample Name : 0803780-003A
Study : dl","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 25.00
Cycle : 4

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00231.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00231.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00231.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00231.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00231.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 104
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	17.5180	9.42	4874	0.00105	0.00210	4639369
	367.1541	10.31	1101	0.02202	0.04404	50000
	492.9719	10.41	1478	0.02956	0.05913	50000
	631.0001	10.71	1892	0.03784	0.07568	50000
	1716.7736	10.86	5148	0.10295	0.20591	50000
	793.2663	11.15	2379	0.04757	0.09514	50000
AROCLOR-1242-1	2172.5007	11.27	21768	0.13028	0.26057	167081
	2135.2263	11.56	6402	0.12805	0.25610	50000
	5603.5712	11.70	16802	0.33605	0.67209	50000
	2911.3195	11.75	8730	0.17459	0.34918	50000
	968.8717	11.82	2905	0.05810	0.11621	50000
	2680.2498	12.18	8037	0.16073	0.32147	50000
AROCLOR-1242-2	1951.9067	12.30	18275	0.11706	0.23411	156118
AROCLOR-1242-3	6302.8538	12.35	84954	0.37798	0.75596	224756
	3372.6239	12.47	10113	0.20226	0.40451	50000
	1219.2404	12.56	3656	0.07312	0.14624	50000
	2944.2834	12.64	8828	0.17657	0.35314	50000
	5488.6021	12.69	16458	0.32915	0.65830	50000
	4667.5481	12.78	13996	0.27991	0.55983	50000
	1846.8020	12.95	5538	0.11075	0.22151	50000
	22665.5490	13.04	67963	1.35925	2.71851	50000
	17010.0875	13.10	51005	1.02010	2.04019	50000
	11139.0972	13.17	33401	0.66801	1.33602	50000

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3/28/2008 10:55:15 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00231.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	717.7154	13.26	2152	0.04304	0.08608	50000
AROCLOR-1242-4	11333.7767	13.52	83108	0.67969	1.35937	122274
	9989.5712	13.58	29954	0.59907	1.19815	50000
	16860.7069	13.70	50557	1.01114	2.02227	50000
	13096.4002	13.79	39270	0.78539	1.57078	50000
	1458.6010	13.86	4374	0.08747	0.17494	50000
	6148.5053	14.00	18436	0.36873	0.73745	50000
	484.9534	14.07	1454	0.02908	0.05817	50000
	1157.8030	14.16	3472	0.06943	0.13887	50000
	7197.3246	14.23	21581	0.43162	0.86325	50000
AROCLOR-1254-1	6762.5990	14.31	69039	0.40555	0.81111	170234
AROCLOR-1242-5	5704.1051	14.40	43933	0.34208	0.68415	128432
	18763.2876	14.46	56262	1.12523	2.25047	50000
	778.7200	14.62	2335	0.04670	0.09340	50000
	5988.0153	14.74	17955	0.35910	0.71820	50000
	11971.5559	14.79	35897	0.71793	1.43587	50000
AROCLOR-1254-2	8242.3628	14.85	115856	0.49429	0.98859	234386
	14185.8900	14.92	42536	0.85073	1.70146	50000
	924.6346	15.10	2773	0.05545	0.11090	50000
	2744.0838	15.22	8228	0.16456	0.32913	50000
	14156.9296	15.32	42450	0.84899	1.69798	50000
AROCLOR-1254-3	7150.0672	15.40	81070	0.42879	0.85758	189067
	9439.1518	15.49	28303	0.56607	1.13213	50000
AROCLOR-1254-4	7566.5993	15.65	143555	0.45377	0.90754	316360
	6099.6616	15.73	18290	0.36580	0.73159	50000
	14033.6990	15.88	42080	0.84160	1.68320	50000
	794.8111	15.94	2383	0.04766	0.09533	50000
	17742.5333	16.01	53201	1.06402	2.12804	50000
	1229.7589	16.06	3687	0.07375	0.14750	50000
	3661.5660	16.10	10979	0.21958	0.43917	50000
AROCLOR-1254-5	6786.6463	16.20	101247	0.40700	0.81399	248768
	2502.8051	16.31	7505	0.15009	0.30019	50000
	4830.4648	16.44	14484	0.28968	0.57937	50000
	36351.6235	16.56	109000	2.18001	4.36001	50000
	2945.4017	16.64	8832	0.17664	0.35327	50000
	19765.4947	16.74	59267	1.18534	2.37067	50000
	10106.7255	16.80	30305	0.60610	1.21220	50000
	4260.6007	16.90	12775	0.25551	0.51102	50000
	4307.4593	16.99	12916	0.25832	0.51664	50000
	53304.0184	17.10	159832	3.19664	6.39329	50000
	3806.7044	17.27	11414	0.22829	0.45658	50000
AROCLOR-1260-1	2531.3629	17.32	31801	0.15181	0.30361	209482
	5718.3340	17.41	17146	0.34293	0.68586	50000
	2610.3818	17.59	7827	0.15654	0.31309	50000
	12644.8503	17.66	37916	0.75831	1.51662	50000
	3077.8896	17.74	9229	0.18458	0.36916	50000
AROCLOR-1260-2	2631.8915	17.80	36443	0.15783	0.31567	230895
	4286.2040	17.88	12852	0.25704	0.51409	50000
	3501.4463	17.97	10499	0.20998	0.41996	50000
	7299.7627	18.15	21888	0.43777	0.87553	50000
	1646.8715	18.22	4938	0.09876	0.19753	50000
	3000.8110	18.28	8998	0.17996	0.35992	50000
AROCLOR-1260-3	2515.6133	18.40	80462	0.15086	0.30172	533353
	1022.9876	18.48	3067	0.06135	0.12270	50000
	317.6163	18.54	952	0.01905	0.03809	50000
AROCLOR-1260-4	2109.9007	18.95	35284	0.12653	0.25306	278859
	13430.4676	19.01	40271	0.80543	1.61085	50000
	18046.6356	19.09	54113	1.08226	2.16451	50000
	3275.6403	19.46	9822	0.19644	0.39288	50000
	6882.1660	19.64	20636	0.41272	0.82545	50000
	419.4070	19.72	1258	0.02515	0.05030	50000
AROCLOR-1260-5	6316.8868	20.13	54559	0.37882	0.75765	144021
	3263.3328	20.22	9785	0.19570	0.39140	50000
	1036.6556	20.46	3108	0.06217	0.12434	50000
	13019.0742	20.68	39038	0.78075	1.56151	50000
	3150.8360	20.96	9448	0.18896	0.37791	50000
DCB	39.1961	21.04	12218	0.00235	0.00470	5197985

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3/28/2008 10:55:15 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00231.rst

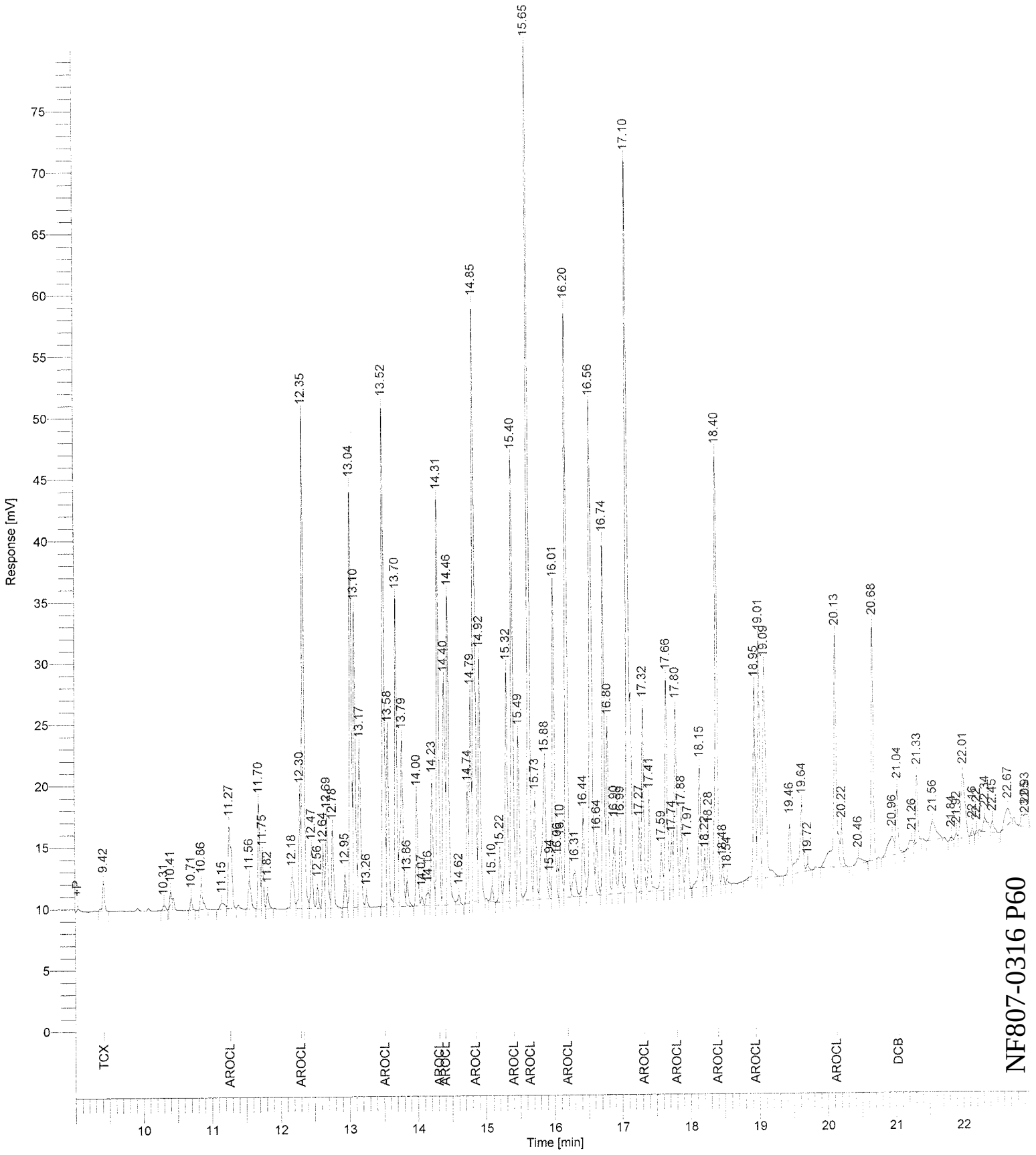
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	846.8872	21.26	2539	0.05079	0.10158	50000
	4006.5546	21.33	12014	0.24027	0.48055	50000
	2991.6568	21.56	8970	0.17941	0.35882	50000
	247.1293	21.84	741	0.01482	0.02964	50000
	380.4584	21.92	1141	0.02282	0.04563	50000
	7506.1686	22.01	22507	0.45015	0.90029	50000
	408.8405	22.16	1226	0.02452	0.04904	50000
	115.9241	22.22	348	0.00695	0.01390	50000
	1780.6818	22.34	5339	0.10679	0.21358	50000
	951.5069	22.45	2853	0.05706	0.11412	50000
	2477.8358	22.67	7430	0.14860	0.29719	50000
	2467.6820	22.93	7399	0.14799	0.29597	50000
	345.7777	23.05	1037	0.02074	0.04147	50000
	567.4052	23.19	1701	0.03403	0.06805	50000
				37.38189	74.76379	17541442

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00231.TX0

NF807-0316 P59

Chromatogram

Sample Name : 0803780-003A Sample #: 000003 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00231.raw
Date : 3/28/2008 10:55:18 AM
Method : pest Time of Injection: 3/26/2008 3:54:47 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version	: 6.3.1.0504	Date	: 3/28/2008 10:55:20 AM
Reprocess Number	: I-21865: 86526		
Operator	: manager	Sample Name	: 0803780-003A
Sample Number	: 000003	Study	: dl","aspb5-8082_s
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: 6890-2	Channel	: B
Interface Serial #	: 9144290001	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 24.00 min
Sampling Rate	: 4.1660 pts/s		
Sample Volume	: 0.500000 ul		
Sample Amount	: 1.0000	Area Reject	: 5.000000
Data Acquisition Time	: 3/26/2008 3:54:47 PM	Dilution Factor	: 25.00
		Cycle	: 4

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00231.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00231.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00231.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00231.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00231.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold	: 25	Area Threshold	: 500
Bunch Factor	: 1	Multiplier	: 667.0000
Divisor	: 1.0000	Addend	: 0.0000

User1	: HP6890-2
User2	: Rtx-CLP2
User3	: 0.32
User4	:
User5	:
User6	:
User7	:
User8	:
User9	:
User10	:
Total number of peaks detected	: 112

Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	18.2991	9.33	7865	0.00110	0.00219	7166746
	141.3563	9.67	424	0.00848	0.01695	50000
	214.7518	10.12	644	0.01288	0.02576	50000
	277.1012	10.27	831	0.01662	0.03324	50000
	324.3920	10.47	973	0.01945	0.03891	50000
	818.7872	10.54	2455	0.04910	0.09821	50000
	1564.9491	10.61	4693	0.09385	0.18770	50000
	2177.4018	10.79	6529	0.13058	0.26116	50000
	500.0839	10.93	1500	0.02999	0.05998	50000
	1101.8011	11.13	3304	0.06608	0.13215	50000
	1665.6659	11.32	4995	0.09989	0.19978	50000
AROCLOR-1242-1	2139.7589	11.55	21375	0.12832	0.25664	166575
	4479.0748	11.59	13431	0.26861	0.53722	50000
	1330.7132	11.69	3990	0.07980	0.15961	50000
	295.5284	11.77	886	0.01772	0.03545	50000
	2058.1019	11.82	6171	0.12342	0.24685	50000
	10137.6704	12.03	30398	0.60796	1.21591	50000
	4697.5945	12.10	14086	0.28171	0.56343	50000
	2666.1378	12.34	7994	0.15989	0.31978	50000
	1625.0376	12.40	4873	0.09745	0.19491	50000
AROCLOR-1242-2	1655.1628	12.54	21088	0.09926	0.19852	212454
AROCLOR-1242-3	6992.0539	12.58	140677	0.41931	0.83863	335494
	10923.0259	12.84	32753	0.65505	1.31011	50000

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3/28/2008 10:55:20 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00231.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	1789.4567	12.94	5366	0.10731	0.21463	50000
	6498.8110	13.08	19487	0.38973	0.77947	50000
	7922.7870	13.14	23756	0.47513	0.95026	50000
	37488.5458	13.29	112409	2.24819	4.49638	50000
	29329.1940	13.37	87944	1.75887	3.51774	50000
	18004.3122	13.44	53986	1.07972	2.15944	50000
	173.8018	13.77	521	0.01042	0.02085	50000
AROCLOR-1242-4	12316.3802	13.84	137706	0.73861	1.47723	186438
	15466.8724	13.92	46377	0.92755	1.85510	50000
	4156.3826	13.96	12463	0.24926	0.49852	50000
	39717.1720	14.09	119092	2.38184	4.76368	50000
	3876.8691	14.13	11625	0.23250	0.46499	50000
	618.6780	14.22	1855	0.03710	0.07420	50000
	816.1674	14.26	2447	0.04895	0.09789	50000
	9895.3236	14.39	29671	0.59342	1.18685	50000
	10507.7999	14.48	31508	0.63015	1.26031	50000
AROCLOR-1254-1	3373.1521	14.62	59748	0.20229	0.40458	295363
AROCLOR-1242-5	13631.1734	14.70	185815	0.81746	1.63492	227308
	6888.1981	14.85	20654	0.41309	0.82617	50000
	9380.1107	14.96	28126	0.56253	1.12505	50000
AROCLOR-1254-2	7193.6790	15.08	137313	0.43141	0.86281	318294
	39344.4249	15.19	117974	2.35949	4.71897	50000
	15098.8962	15.25	45274	0.90548	1.81096	50000
	2151.5879	15.35	6452	0.12903	0.25806	50000
	3353.0708	15.52	10054	0.20108	0.40217	50000
	18850.5890	15.64	56524	1.13047	2.26094	50000
	1932.9378	15.71	5796	0.11592	0.23184	50000
	35501.1406	15.76	106450	2.12900	4.25801	50000
	14173.3170	15.87	42499	0.84997	1.69995	50000
	4417.3796	15.91	13246	0.26491	0.52982	50000
AROCLOR-1254-3	7846.2890	15.99	212640	0.47054	0.94108	451905
	9263.8587	16.06	27778	0.55555	1.11111	50000
	2536.7645	16.16	7606	0.15213	0.30426	50000
	5657.1131	16.19	16963	0.33926	0.67851	50000
	3153.9945	16.24	9457	0.18915	0.37829	50000
	11172.2593	16.32	33500	0.67000	1.34000	50000
	28699.1418	16.37	86054	1.72109	3.44218	50000
AROCLOR-1254-4	7097.0900	16.43	142517	0.42561	0.85123	334852
	881.6861	16.51	2644	0.05287	0.10575	50000
	10150.5575	16.65	30436	0.60873	1.21746	50000
AROCLOR-1254-5	7759.9095	16.78	109006	0.46536	0.93072	234239
	431.5219	16.88	1294	0.02588	0.05176	50000
	227.1807	16.97	681	0.01362	0.02725	50000
	18858.4116	17.05	56547	1.13094	2.26188	50000
	45476.3047	17.11	136361	2.72721	5.45443	50000
	496.0118	17.20	1487	0.02975	0.05949	50000
	6273.1297	17.26	18810	0.37620	0.75240	50000
	4592.2847	17.35	13770	0.27540	0.55080	50000
	14344.6857	17.43	43013	0.86025	1.72050	50000
	63874.4478	17.47	191528	3.83055	7.66110	50000
	1118.6780	17.56	3354	0.06709	0.13417	50000
AROCLOR-1260-1	3231.8419	17.64	60487	0.19381	0.38763	312089
	7698.3895	17.75	23084	0.46167	0.92335	50000
	237.3486	17.82	712	0.01423	0.02847	50000
	5162.5813	17.95	15480	0.30960	0.61920	50000
	320.0783	18.05	960	0.01920	0.03839	50000
	16647.2199	18.16	49917	0.99833	1.99667	50000
AROCLOR-1260-2	2252.7890	18.21	46755	0.13510	0.27020	346075
	6113.4560	18.35	18331	0.36662	0.73325	50000
	1583.7304	18.40	4749	0.09498	0.18995	50000
	11977.9577	18.48	35916	0.71832	1.43664	50000
	3002.2574	18.55	9002	0.18005	0.36009	50000
	2552.5114	18.64	7654	0.15307	0.30615	50000
AROCLOR-1260-3	2129.9860	18.69	102132	0.12774	0.25547	799560
	650.1973	18.82	1950	0.03899	0.07798	50000
	2182.7745	18.93	6545	0.13090	0.26180	50000
	2253.5928	19.04	6757	0.13515	0.27030	50000

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3/28/2008 10:55:20 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00231.rst

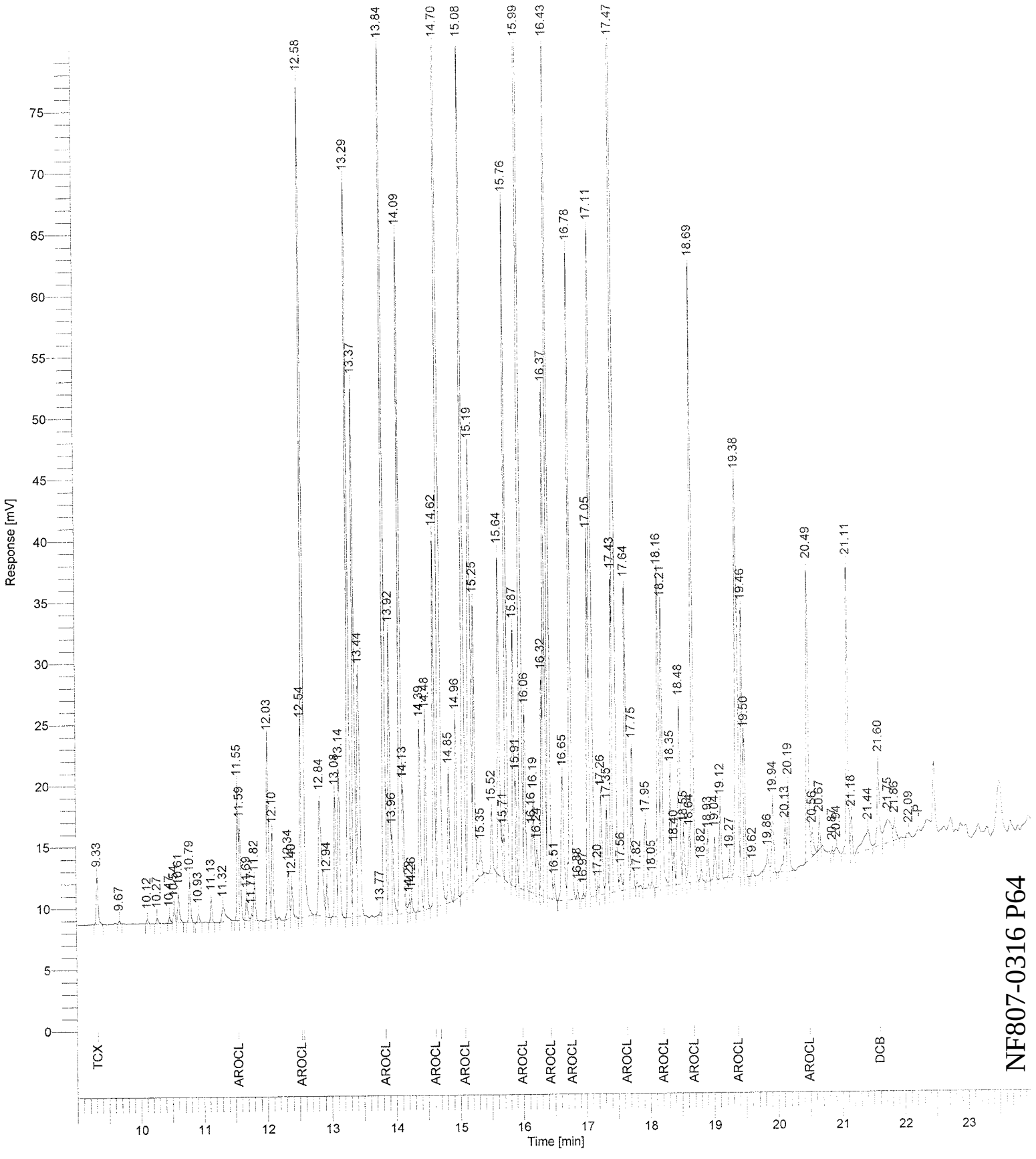
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	4015.3106	19.12	12040	0.24080	0.48160	50000
	1000.7781	19.27	3001	0.06002	0.12003	50000
AROCLOR-1260-4	2927.7370	19.38	96159	0.17558	0.35115	547677
	14606.5681	19.46	43798	0.87596	1.75191	50000
	6485.3054	19.50	19446	0.38892	0.77785	50000
	359.9086	19.62	1079	0.02158	0.04317	50000
	1420.0831	19.86	4258	0.08516	0.17032	50000
	4064.4589	19.94	12187	0.24375	0.48749	50000
	3057.1727	20.13	9167	0.18334	0.36668	50000
	5256.6179	20.19	15762	0.31524	0.63048	50000
AROCLOR-1260-5	4075.8886	20.49	47995	0.24443	0.48886	196353
	1629.6648	20.56	4887	0.09773	0.19546	50000
	1275.4128	20.67	3824	0.07649	0.15297	50000
	151.4070	20.87	454	0.00908	0.01816	50000
	664.5586	20.94	1993	0.03985	0.07971	50000
	16153.7745	21.11	48437	0.96874	1.93748	50000
	1932.6415	21.18	5795	0.11590	0.23180	50000
	4352.5437	21.44	13051	0.26102	0.52204	50000
DCB	47.5740	21.60	18222	0.00285	0.00571	6387099
	4859.8327	21.75	14572	0.29144	0.58289	50000
	1436.1144	21.86	4306	0.08612	0.17225	50000
	478.4450	22.09	1435	0.02869	0.05738	50000
				49.76507	99.53013	23268521

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00231.TX0

NF807-0316 P63

Chromatogram

Sample Name : 0803780-003A Sample #: 000003 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00231.raw
Date : 3/28/2008 10:55:23 AM
Method : pest Time of Injection: 3/26/2008 3:54:47 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000004

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-004A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00214.raw

% Moisture: 25.1 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/25/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	44	UX
11104-28-2	Aroclor 1221	89	U
11141-16-5	Aroclor 1232	44	UX
53469-21-9	Aroclor 1242	4300	EP
12672-29-6	Aroclor 1248	44	UX
11097-69-1	Aroclor 1254	6700	E
11096-82-5	Aroclor 1260	1600	EY

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87831
Operator : manager
Sample Number : 000004
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 7:22:59 PM

Date : 4/3/2008 4:51:17 PM

Sample Name : 0803780-004A
Study : samp","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00214.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00214.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00214.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00214.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00214.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 139
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	38.4069	9.29	2879	0.05758	0.11516	50000
	104.5255	9.37	7835	0.15671	0.31342	50000
TCX	15.3270	9.42	106608	0.02298	0.04596	4639369
	27.4720	9.66	2059	0.04119	0.08237	50000
	6.4450	9.77	483	0.00966	0.01933	50000
	138.9108	9.92	10413	0.20826	0.41652	50000
	118.4551	10.08	8880	0.17759	0.35519	50000
	464.2454	10.32	34801	0.69602	1.39204	50000
	1290.5037	10.40	96739	1.93479	3.86958	50000
	42.7759	10.52	3207	0.06413	0.12826	50000
	56.4228	10.60	4230	0.08459	0.16918	50000
	877.9710	10.70	65815	1.31630	2.63260	50000
	2418.3257	10.85	181284	3.62568	7.25135	50000
	84.4326	10.99	6329	0.12659	0.25317	50000
	1325.1222	11.09	99334	1.98669	3.97338	50000
AROCLOR-1242-1	3345.8969	11.26	838134	5.01634	10.03267	167081
	354.7576	11.39	26594	0.53187	1.06374	50000
	2003.3221	11.56	150174	3.00348	6.00696	50000
	6735.5659	11.70	504915	10.09830	20.19660	50000
	4346.2498	11.75	325806	6.51612	13.03223	50000
	1208.7679	11.82	90612	1.81225	3.62449	50000
	51.5152	11.92	3862	0.07723	0.15447	50000
	32.2635	11.98	2419	0.04837	0.09674	50000

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4/3/2008 4:51:17 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00214.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	208.6748	12.08	15643	0.31286	0.62571	50000
	2972.5013	12.18	222826	4.45652	8.91305	50000
AROCLOR-1242-2	3037.1186	12.30	710870	4.55340	9.10680	156118
AROCLOR-1242-3	----------	12.34	2249039	----------	----------	----------
	2415.0420	12.47	181038	3.62075	7.24151	50000
	996.3793	12.55	74691	1.49382	2.98764	50000
	3625.3377	12.64	271764	5.43529	10.87058	50000
	4462.4486	12.69	334516	6.69033	13.38066	50000
	6465.8997	12.77	484700	9.69400	19.38801	50000
	1457.5068	12.95	109258	2.18517	4.37034	50000
	21509.4507	13.04	1612403	32.24805	64.49610	50000
	15207.6876	13.10	1140007	22.80013	45.60026	50000
	9608.0762	13.17	720246	14.40491	28.80982	50000
	599.6402	13.26	44951	0.89901	1.79802	50000
	20.0093	13.37	1500	0.03000	0.06000	50000
	99.2959	13.44	7443	0.14887	0.29774	50000
AROCLOR-1242-4	----------	13.51	2022832	----------	----------	----------
	8451.9672	13.58	633581	12.67161	25.34323	50000
	16746.7826	13.70	1255381	25.10762	50.21524	50000
	13210.5417	13.79	990295	19.80591	39.61182	50000
	1381.0972	13.85	103531	2.07061	4.14122	50000
	5597.0042	14.00	419566	8.39131	16.78262	50000
	492.7872	14.07	36941	0.73881	1.47762	50000
	1315.0141	14.16	98577	1.97154	3.94307	50000
	8203.9544	14.22	614989	12.29978	24.59956	50000
AROCLOR-1254-1	5743.6490	14.31	1465917	8.61117	17.22234	170234
AROCLOR-1242-5	6795.9668	14.40	1308577	10.18886	20.37771	128432
	19657.8801	14.46	1473604	29.47208	58.94417	50000
	668.8019	14.61	50135	1.00270	2.00540	50000
	4370.8837	14.74	327652	6.55305	13.10610	50000
	12778.2741	14.79	957892	19.15783	38.31566	50000
AROCLOR-1254-2	----------	14.84	2598863	----------	----------	----------
	11959.2644	14.92	896497	17.92993	35.85986	50000
	180.8009	15.01	13553	0.27107	0.54213	50000
	742.6199	15.10	55669	1.11337	2.22675	50000
	3022.3262	15.21	226561	4.53122	9.06245	50000
	11483.0676	15.31	860800	17.21599	34.43199	50000
AROCLOR-1254-3	6381.8100	15.40	1808979	9.56793	19.13586	189067
	7864.8075	15.49	589566	11.79132	23.58263	50000
AROCLOR-1254-4	----------	15.63	2609167	----------	----------	----------
	3756.9780	15.73	281633	5.63265	11.26530	50000
	12516.4698	15.88	938266	18.76532	37.53064	50000
	566.1202	15.94	42438	0.84876	1.69751	50000
	13481.6662	16.01	1010620	20.21239	40.42479	50000
	848.0118	16.06	63569	1.27138	2.54276	50000
	2742.1666	16.10	205560	4.11119	8.22239	50000
AROCLOR-1254-5	----------	16.19	2221776	----------	----------	----------
	2174.1724	16.31	162981	3.25963	6.51926	50000
	2790.1315	16.44	209155	4.18311	8.36621	50000
	28458.9781	16.56	2133357	42.66713	85.33427	50000
	1168.7030	16.64	87609	1.75218	3.50436	50000
	19219.1796	16.74	1440718	28.81436	57.62872	50000
	6914.2370	16.80	518309	10.36617	20.73234	50000
	2487.4040	16.90	186462	3.72924	7.45848	50000
	2420.1242	16.99	181419	3.62837	7.25674	50000
	----------	17.09	3126499	----------	----------	----------
	2671.0326	17.27	200227	4.00455	8.00909	50000
AROCLOR-1260-1	920.0142	17.32	288946	1.37933	2.75866	209482
	2172.9122	17.41	162887	3.25774	6.51548	50000
	844.1631	17.59	63281	1.26561	2.53122	50000
	9527.0666	17.66	714173	14.28346	28.56692	50000
	1496.6829	17.74	112195	2.24390	4.48780	50000
AROCLOR-1260-2	1145.3692	17.80	396492	1.71720	3.43439	230895
	1943.7640	17.88	145709	2.91419	5.82838	50000
	1473.9419	17.98	110490	2.20981	4.41962	50000
	118.0867	18.06	8852	0.17704	0.35408	50000
	5649.0893	18.15	423470	8.46940	16.93880	50000

NF807-0316 P67

4/3/2008 4:51:17 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00214.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	11131.5946	18.22	834452	16.68905	33.37809	50000
	1724.0282	18.28	129237	2.58475	5.16950	50000
AROCLOR-1260-3	1319.7933	18.40	1055346	1.97870	3.95740	533353
	477.8162	18.48	35818	0.71637	1.43273	50000
	267.0793	18.55	20021	0.40042	0.80084	50000
	279.7747	18.58	20973	0.41945	0.83890	50000
	51.9780	18.65	3896	0.07793	0.15586	50000
	77.6198	18.73	5819	0.11637	0.23274	50000
	531.2212	18.85	39822	0.79643	1.59287	50000
AROCLOR-1260-4	1434.6665	18.95	599805	2.15092	4.30185	278859
	4251.2675	19.01	318686	6.37371	12.74743	50000
	5687.3676	19.09	426339	8.52679	17.05358	50000
	2799.8926	19.37	209887	4.19774	8.39548	50000
	3151.9048	19.46	236275	4.72549	9.45099	50000
	1283.4282	19.58	96209	1.92418	3.84836	50000
	2793.3698	19.64	209398	4.18796	8.37592	50000
	3305.1214	19.72	247760	4.95520	9.91041	50000
	310.9433	19.84	23309	0.46618	0.93236	50000
	143.9399	19.89	10790	0.21580	0.43160	50000
	199.9690	20.00	14990	0.29980	0.59961	50000
AROCLOR-1260-5	1397.3234	20.13	301716	2.09494	4.18988	144021
	13620.5778	20.22	1021033	20.42066	40.84131	50000
	222.9881	20.36	16716	0.33432	0.66863	50000
	415.9585	20.46	31181	0.62363	1.24725	50000
	93.6825	20.58	7023	0.14045	0.28091	50000
	3844.4060	20.68	288186	5.76373	11.52745	50000
	121.3451	20.76	9096	0.18193	0.36385	50000
	1466.5240	20.91	109934	2.19869	4.39737	50000
DCB	19.4498	21.04	151574	0.02916	0.05832	5197985
	2670.6453	21.23	200198	4.00397	8.00793	50000
	11101.7635	21.34	832216	16.64432	33.28865	50000
	4430.0796	21.47	332090	6.64180	13.28360	50000
	2974.5635	21.55	222981	4.45962	8.91923	50000
	10342.3343	21.59	775287	15.50575	31.01150	50000
	1075.5884	21.82	80629	1.61258	3.22515	50000
	1127.0284	21.92	84485	1.68970	3.37940	50000
	1159.2972	22.07	86904	1.73808	3.47615	50000
	1117.1124	22.16	83742	1.67483	3.34966	50000
	1020.5056	22.22	76500	1.52999	3.05999	50000
	2059.5533	22.26	154389	3.08779	6.17557	50000
	9696.6796	22.45	726888	14.53775	29.07550	50000
	1039.8329	22.63	77948	1.55897	3.11794	50000
	1617.7318	22.69	121269	2.42539	4.85077	50000
	1357.6317	22.77	101771	2.03543	4.07086	50000
	196.6973	22.88	14745	0.29490	0.58980	50000
	582.1836	22.97	43642	0.87284	1.74568	50000
	575.0802	23.07	43109	0.86219	1.72438	50000
	399.7095	23.20	29963	0.59926	1.19853	50000
	92.8942	23.29	6964	0.13927	0.27854	50000
				733.71883	1467.43766	18094898

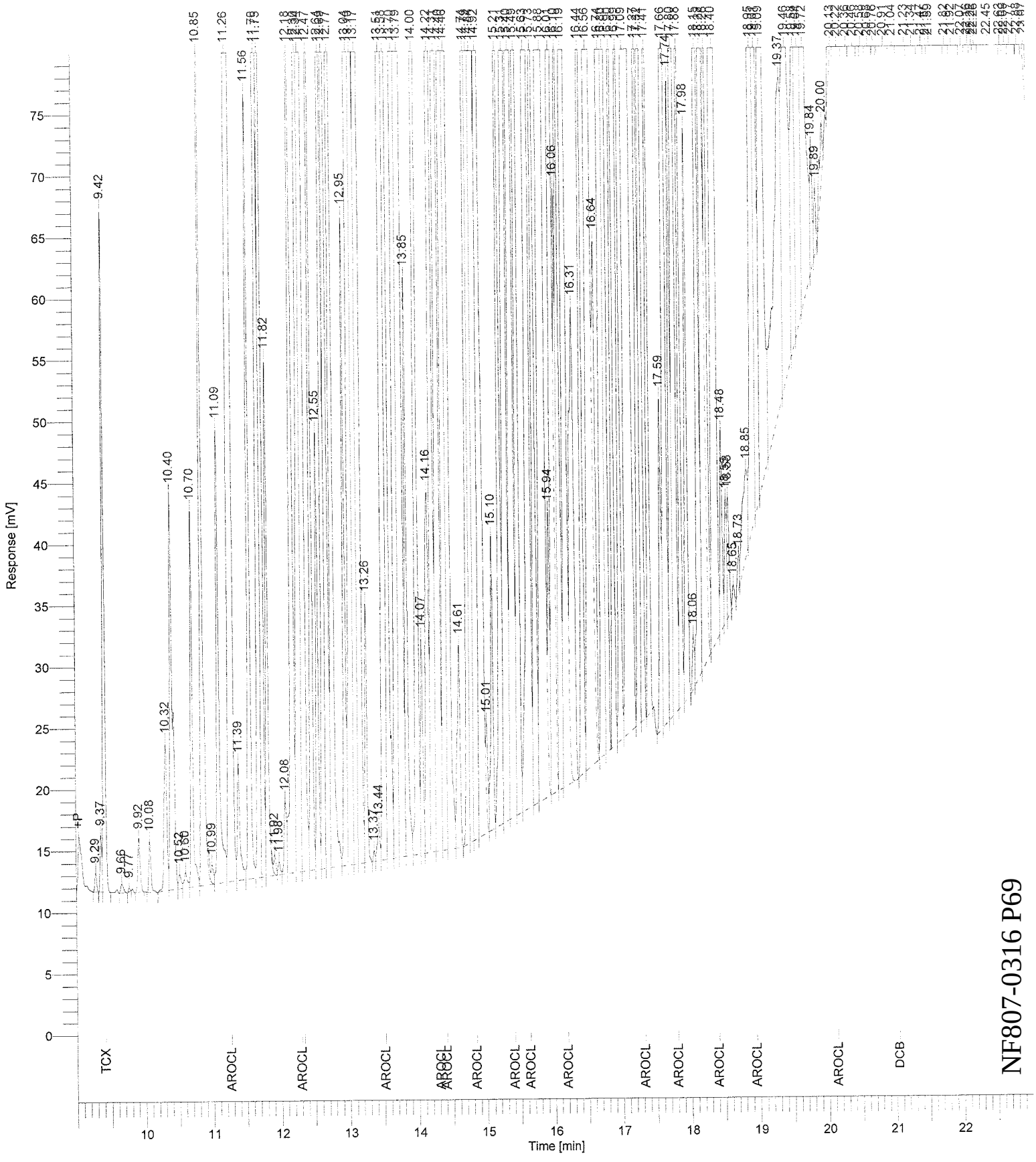
Warning -- Signal level out-of-range in peak

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00214.TX0

NF807-0316 P68

Chromatogram

Sample Name : 0803780-004A Sample #: 000004 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00214.raw
Date : 4/3/2008 4:51:20 PM
Method : pest Time of Injection: 3/25/2008 7:22:59 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P69

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87832
Operator : manager
Sample Number : 000004
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 7:22:59 PM

Date : 4/3/2008 4:51:23 PM

Sample Name : 0803780-004A
Study : samp","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00214.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00214.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00214.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00214.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00214.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 158
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	93.9159	8.41	7040	0.14080	0.28161	50000
	36.4561	8.49	2733	0.05466	0.10931	50000
	16.3295	8.54	1224	0.02448	0.04896	50000
	30.7648	8.58	2306	0.04612	0.09225	50000
	189.9346	8.71	14238	0.28476	0.56952	50000
	124.5057	8.84	9333	0.18667	0.37333	50000
	4.2634	9.19	320	0.00639	0.01278	50000
	19.8411	9.25	1487	0.02975	0.05949	50000
TCX	15.7594	9.32	169331	0.02363	0.04725	7166746
	87.3590	9.61	6549	0.13097	0.26195	50000
	155.2561	9.67	11638	0.23277	0.46554	50000
	10.3945	9.83	779	0.01558	0.03117	50000
	35.5486	10.00	2665	0.05330	0.10659	50000
	43.1465	10.05	3234	0.06469	0.12937	50000
	180.9502	10.12	13564	0.27129	0.54258	50000
	427.2730	10.27	32029	0.64059	1.28118	50000
	133.6633	10.41	10020	0.20039	0.40079	50000
	242.1745	10.47	18154	0.36308	0.72616	50000
	436.2946	10.54	32706	0.65411	1.30823	50000
	1225.1867	10.61	91843	1.83686	3.67372	50000
	38.8561	10.72	2913	0.05826	0.11651	50000
	2761.6466	10.79	207020	4.14040	8.28080	50000
	562.9980	10.92	42204	0.84407	1.68815	50000

NF807-0316 P70

4/3/2008 4:51:23 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00214.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	52.2844	11.00	3919	0.07839	0.15677	50000
	42.5131	11.04	3187	0.06374	0.12748	50000
	1256.1069	11.13	94161	1.88322	3.76644	50000
	1744.9290	11.28	130804	2.61609	5.23217	50000
	89.0692	11.41	6677	0.13354	0.26707	50000
AROCLOR-1242-1	3629.0136	11.55	906299	5.44080	10.88160	166575
	5497.7198	11.58	412123	8.24246	16.48492	50000
	956.6803	11.69	71715	1.43430	2.86861	50000
	286.5694	11.77	21482	0.42964	0.85928	50000
	1829.2926	11.81	137128	2.74257	5.48514	50000
	11894.4922	12.03	891641	17.83282	35.66564	50000
	6554.8219	12.10	491366	9.82732	19.65464	50000
	161.7740	12.20	12127	0.24254	0.48508	50000
	2805.2179	12.34	210286	4.20572	8.41145	50000
	1589.2928	12.40	119137	2.38275	4.76550	50000
	204.5451	12.45	15333	0.30666	0.61333	50000
AROCLOR-1242-2	2809.7511	12.54	894968	4.21252	8.42504	212454
AROCLOR-1242-3	----------	12.56	2689909	----------	----------	----------
	169.2149	12.68	12685	0.25370	0.50739	50000
	11212.1229	12.84	840489	16.80978	33.61956	50000
	1163.2670	12.94	87201	1.74403	3.48806	50000
	8817.6782	13.07	660995	13.21991	26.43981	50000
	5572.5449	13.14	417732	8.35464	16.70928	50000
	----------	13.27	2151534	----------	----------	----------
	----------	13.37	1864606	----------	----------	----------
	14631.6631	13.44	1096826	21.93653	43.87305	50000
	36.1724	13.55	2712	0.05423	0.10846	50000
	107.2691	13.63	8041	0.16082	0.32165	50000
	228.3776	13.76	17120	0.34240	0.68479	50000
AROCLOR-1242-4	----------	13.83	2419818	----------	----------	----------
	12137.9484	13.92	909891	18.19782	36.39565	50000
	3957.0628	13.96	296631	5.93263	11.86526	50000
	----------	14.08	2345009	----------	----------	----------
	4939.7903	14.13	370299	7.40598	14.81196	50000
	918.8687	14.26	68881	1.37761	2.75523	50000
	8163.6208	14.39	611966	12.23931	24.47862	50000
	10738.9259	14.48	805017	16.10034	32.20068	50000
	----------	14.61	1799257	----------	----------	----------
AROCLOR-1254-1	----------	14.68	3023927	----------	----------	----------
	5027.9114	14.85	376905	7.53810	15.07620	50000
	7281.6122	14.96	545848	10.91696	21.83392	50000
AROCLOR-1254-2	----------	15.07	2435084	----------	----------	----------
	22136.5661	15.17	1659413	33.18826	66.37651	50000
	17615.2184	15.19	1320481	26.40962	52.81925	50000
	14231.0626	15.25	1066796	21.33593	42.67185	50000
	1767.7651	15.29	132516	2.65032	5.30065	50000
	5889.1208	15.35	441463	8.82927	17.65853	50000
	2571.2494	15.41	192747	3.85495	7.70989	50000
	2680.8972	15.46	200967	4.01934	8.03867	50000
	7834.7428	15.52	587312	11.74624	23.49248	50000
	17375.8469	15.64	1302537	26.05074	52.10149	50000
	2267.1579	15.71	169952	3.39904	6.79807	50000
	----------	15.75	2123397	----------	----------	----------
	7305.3385	15.87	547627	10.95253	21.90506	50000
AROCLOR-1254-3	----------	15.97	2612409	----------	----------	----------
	5280.4628	16.05	395837	7.91674	15.83347	50000
	1594.9187	16.16	119559	2.39118	4.78236	50000
	3260.3536	16.19	244404	4.88809	9.77617	50000
	1784.1810	16.24	133747	2.67493	5.34987	50000
	8742.7999	16.32	655382	13.10765	26.21529	50000
	18898.8366	16.37	1416704	28.33409	56.66818	50000
AROCLOR-1254-4	----------	16.42	2318844	----------	----------	----------
	239.4322	16.51	17948	0.35897	0.71794	50000
	6431.1138	16.65	482092	9.64185	19.28370	50000
	2614.9079	16.73	196020	3.92040	7.84080	50000
AROCLOR-1254-5	5056.0405	16.78	1775592	7.58027	15.16054	234239
	752.2456	16.88	56390	1.12780	2.25561	50000

NF807-0316 P71

4/3/2008 4:51:23 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00214.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	246.6754	16.97	18491	0.36983	0.73966	50000
	13064.7539	17.05	979367	19.58734	39.17467	50000
	----------	17.10	2528989	----------	----------	----------
	3715.6300	17.26	278533	5.57066	11.14132	50000
	2923.7506	17.35	219172	4.38343	8.76687	50000
	9643.4054	17.43	722894	14.45788	28.91576	50000
	----------	17.46	2799297	----------	----------	----------
	364.2250	17.56	27303	0.54606	1.09213	50000
AROCLOR-1260-1	1413.5451	17.64	661398	2.11926	4.23852	312089
	3313.9212	17.75	248420	4.96840	9.93680	50000
	159.2190	17.82	11935	0.23871	0.47742	50000
	123.5575	17.86	9262	0.18524	0.37049	50000
	2470.4269	17.95	185189	3.70379	7.40758	50000
	415.4249	18.05	31141	0.62283	1.24565	50000
	11738.6145	18.16	879956	17.59912	35.19824	50000
AROCLOR-1260-2	811.3047	18.21	420947	1.21635	2.43270	346075
	29.3054	18.28	2197	0.04394	0.08787	50000
	3243.3013	18.34	243126	4.86252	9.72504	50000
	352.0669	18.40	26392	0.52784	1.05567	50000
	8910.4308	18.48	667948	13.35897	26.71793	50000
	1775.3051	18.55	133081	2.66163	5.32325	50000
	2784.1782	18.64	208709	4.17418	8.34836	50000
AROCLOR-1260-3	994.4323	18.69	1192067	1.49090	2.98181	799560
	1208.0918	18.82	90562	1.81123	3.62246	50000
	458.2313	18.86	34350	0.68700	1.37401	50000
	1175.8122	18.93	88142	1.76284	3.52567	50000
	13800.3918	19.04	1034512	20.69024	41.38049	50000
	2912.3387	19.12	218316	4.36632	8.73265	50000
	145.9753	19.20	10943	0.21885	0.43771	50000
	208.1429	19.26	15603	0.31206	0.62412	50000
AROCLOR-1260-4	1163.2805	19.39	955175	1.74405	3.48810	547677
	3544.6302	19.46	265714	5.31429	10.62858	50000
	1839.4805	19.50	137892	2.75784	5.51568	50000
	1411.3627	19.62	105799	2.11599	4.23197	50000
	2233.4170	19.74	167423	3.34845	6.69690	50000
	828.7532	19.77	62125	1.24251	2.48502	50000
	2888.2625	19.86	216511	4.33023	8.66046	50000
	3969.3692	19.94	297554	5.95108	11.90216	50000
	1145.8647	19.99	85897	1.71794	3.43588	50000
	1531.5655	20.06	114810	2.29620	4.59240	50000
	1117.3531	20.08	83760	1.67519	3.35038	50000
	1748.6829	20.14	131086	2.62171	5.24343	50000
	4626.3098	20.18	346800	6.93600	13.87199	50000
	877.3190	20.32	65766	1.31532	2.63064	50000
	561.3524	20.38	42080	0.84161	1.68322	50000
AROCLOR-1260-5	1480.8149	20.49	435926	2.22011	4.44022	196353
	984.0695	20.56	73768	1.47537	2.95073	50000
	5374.7917	20.67	402908	8.05816	16.11632	50000
	3634.7807	20.71	272472	5.44945	10.89889	50000
	2850.9515	20.83	213715	4.27429	8.54858	50000
	2470.1253	20.88	185167	3.70334	7.40667	50000
	7990.0931	20.93	598958	11.97915	23.95830	50000
	1553.2921	21.04	116439	2.32877	4.65755	50000
	7003.4091	21.11	524993	10.49986	20.99973	50000
	15372.2496	21.18	1152343	23.04685	46.09370	50000
	5873.1185	21.26	440264	8.80528	17.61055	50000
	1497.6293	21.44	112266	2.24532	4.49064	50000
	36.6759	21.53	2749	0.05499	0.10997	50000
DCB	17.2643	21.60	165321	0.02588	0.05177	6387099
	4837.0780	21.74	362600	7.25199	14.50398	50000
	1625.7866	21.86	121873	2.43746	4.87492	50000
	267.1010	21.96	20023	0.40045	0.80090	50000
	348.4888	22.01	26124	0.52247	1.04494	50000
	739.9421	22.06	55468	1.10936	2.21872	50000

NF807-0316 P72

4/3/2008 4:51:23 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00214.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	460.4700	22.09	34518	0.69036	1.38072	50000
	544.0092	22.12	40780	0.81561	1.63121	50000
	190.7449	22.18	14299	0.28597	0.57195	50000
	350.1028	22.21	26245	0.52489	1.04978	50000
				724.29288	1448.58576	23118867

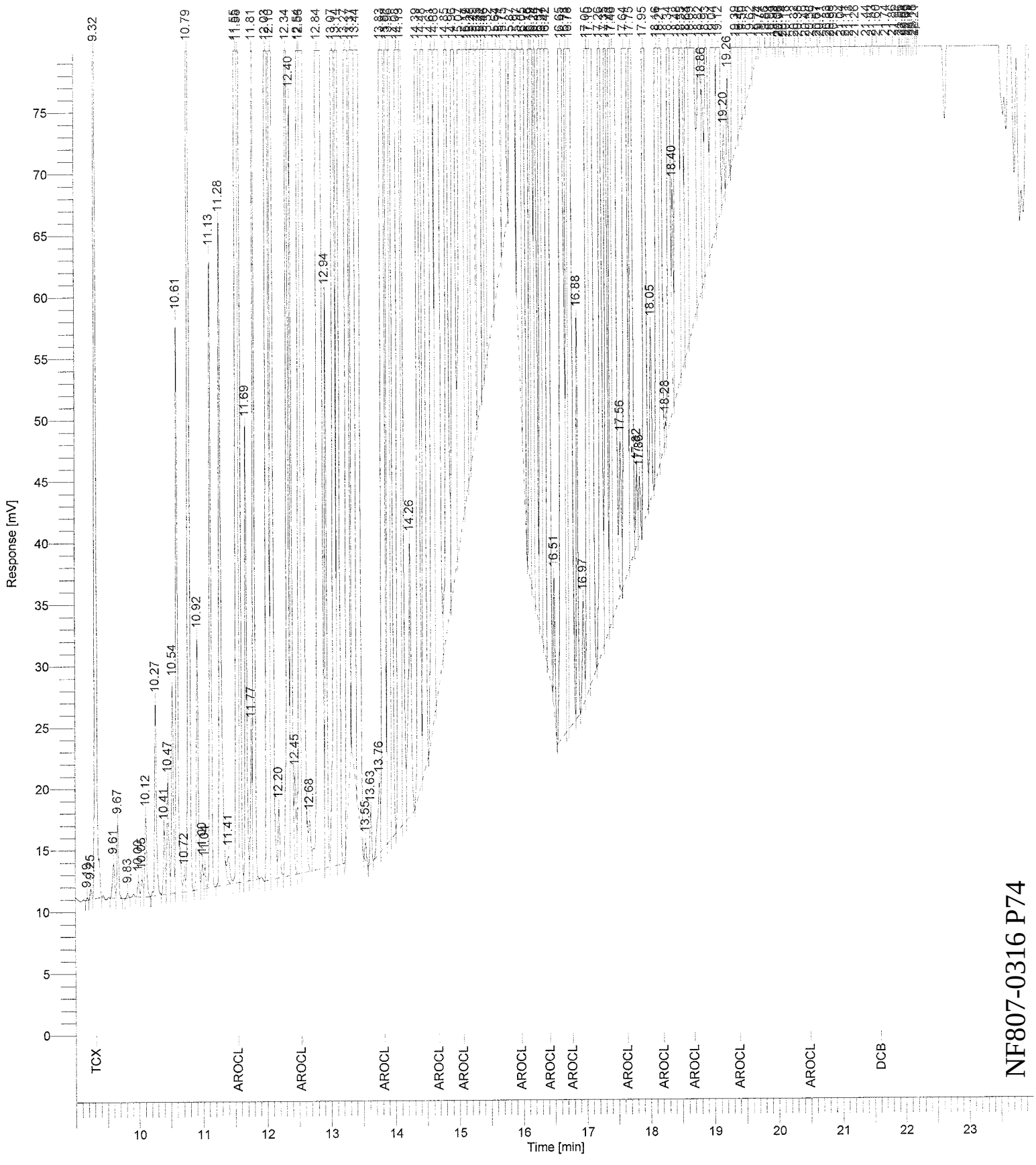
Warning -- Signal level out-of-range in peak

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00214.TX0

NF807-0316 P73

Chromatogram

Sample Name : 0803780-004A Sample #: 000004 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00214.raw
Date : 4/3/2008 4:51:26 PM
Method : pest Time of Injection: 3/25/2008 7:22:59 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000004DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-004ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00233.raw

% Moisture: 25.1 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/26/08

Injection Volume: 0.5 (uL) Dilution Factor: 25.00

GPC Cleanup: (Y/N) N pH: 5.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	1100	UX
11104-28-2	Aroclor 1221	2200	U
11141-16-5	Aroclor 1232	1100	UX
53469-21-9	Aroclor 1242	9000	D
12672-29-6	Aroclor 1248	1100	UX
11097-69-1	Aroclor 1254	9100	D
11096-82-5	Aroclor 1260	2100	DY

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 86529
Operator : manager
Sample Number : 000004
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 4:52:02 PM

Date : 3/28/2008 10:55:35 AM

Sample Name : 0803780-004A
Study : dl","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 25.00
Cycle : 6

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00233.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00233.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00233.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00233.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00233.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 104
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	17.4368	9.42	4851	0.00105	0.00209	4639369
	534.0290	10.32	1601	0.03203	0.06405	50000
	1446.9246	10.41	4339	0.08677	0.17354	50000
	986.2946	10.71	2957	0.05915	0.11830	50000
	2729.1851	10.86	8183	0.16367	0.32734	50000
	699.2290	11.16	2097	0.04193	0.08387	50000
AROCLOR-1242-1	3672.4619	11.27	36797	0.22024	0.44048	167081
	371.5288	11.39	1114	0.02228	0.04456	50000
	2444.7407	11.56	7331	0.14661	0.29322	50000
	7114.4578	11.70	21333	0.42665	0.85331	50000
	5118.4469	11.75	15348	0.30695	0.61391	50000
	1603.9958	11.82	4810	0.09619	0.19238	50000
	3524.9935	12.18	10570	0.21139	0.42279	50000
AROCLOR-1242-2	3150.0155	12.30	29492	0.18891	0.37781	156118
AROCLOR-1242-3	6974.8223	12.35	94011	0.41828	0.83656	224756
	3414.0903	12.47	10237	0.20474	0.40949	50000
	1388.1774	12.56	4162	0.08325	0.16650	50000
	4230.2710	12.64	12684	0.25369	0.50738	50000
	5715.4799	12.69	17138	0.34276	0.68551	50000
	7381.9029	12.78	22135	0.44269	0.88539	50000
	2038.4441	12.95	6112	0.12225	0.24449	50000
	23127.3854	13.04	69347	1.38695	2.77390	50000
	17212.5414	13.10	51612	1.03224	2.06447	50000

NF807-0316 P76

3/28/2008 10:55:35 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00233.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	11779.4146	13.17	35321	0.70641	1.41282	50000
	876.6738	13.26	2629	0.05257	0.10515	50000
AROCLOR-1242-4	11828.8896	13.52	86739	0.70938	1.41876	122274
	10315.5623	13.58	30931	0.61862	1.23725	50000
	17768.4901	13.70	53279	1.06558	2.13115	50000
	15569.2021	13.79	46684	0.93369	1.86737	50000
	1836.9634	13.86	5508	0.11016	0.22033	50000
	6821.8505	14.00	20455	0.40911	0.81821	50000
	647.2137	14.07	1941	0.03881	0.07763	50000
	1682.1325	14.17	5044	0.10088	0.20176	50000
	9984.6537	14.23	29939	0.59878	1.19756	50000
AROCLOR-1254-1	6746.7732	14.32	68878	0.40460	0.80921	170234
AROCLOR-1242-5	7939.0502	14.40	61147	0.47610	0.95221	128432
	22365.1483	14.46	67062	1.34124	2.68248	50000
	1072.5425	14.62	3216	0.06432	0.12864	50000
	5853.6190	14.75	17552	0.35104	0.70208	50000
	14753.3222	14.79	44238	0.88476	1.76951	50000
AROCLOR-1254-2	8672.5655	14.85	121903	0.52009	1.04019	234386
	14616.0875	14.93	43826	0.87653	1.75305	50000
	869.1991	15.10	2606	0.05213	0.10425	50000
	3891.1512	15.22	11668	0.23335	0.46670	50000
	14613.0275	15.32	43817	0.87634	1.75269	50000
AROCLOR-1254-3	7312.0343	15.40	82906	0.43850	0.87701	189067
	9791.2501	15.49	29359	0.58718	1.17436	50000
AROCLOR-1254-4	7683.5701	15.65	145774	0.46078	0.92157	316360
	5469.3998	15.73	16400	0.32800	0.65600	50000
	15975.3397	15.88	47902	0.95804	1.91608	50000
	719.0537	15.95	2156	0.04312	0.08624	50000
	16869.6773	16.01	50584	1.01167	2.02335	50000
	1254.1462	16.06	3761	0.07521	0.15042	50000
	3695.9307	16.10	11082	0.22165	0.44329	50000
AROCLOR-1254-5	7030.5039	16.20	104885	0.42162	0.84324	248768
	3218.1561	16.32	9650	0.19299	0.38599	50000
	4437.0614	16.44	13305	0.26609	0.53218	50000
	34757.9173	16.56	104222	2.08443	4.16887	50000
	1824.8199	16.64	5472	0.10943	0.21887	50000
	21551.1681	16.74	64621	1.29242	2.58485	50000
	9248.9505	16.80	27733	0.55466	1.10932	50000
	4202.2776	16.90	12601	0.25201	0.50402	50000
	4340.8947	16.99	13016	0.26032	0.52065	50000
	51966.9794	17.10	155823	3.11646	6.23292	50000
	3538.8307	17.27	10611	0.21222	0.42445	50000
AROCLOR-1260-1	1319.7806	17.32	16580	0.07915	0.15829	209482
	3529.3162	17.41	10583	0.21165	0.42331	50000
	1600.6473	17.59	4800	0.09599	0.19198	50000
	12826.3790	17.66	38460	0.76920	1.53840	50000
	3252.2155	17.74	9752	0.19504	0.39007	50000
AROCLOR-1260-2	1909.7047	17.80	26443	0.11453	0.22905	230895
	3193.5299	17.88	9576	0.19152	0.38303	50000
	2173.9677	17.98	6519	0.13037	0.26075	50000
	6993.7072	18.15	20971	0.41941	0.83883	50000
	11093.0883	18.22	33263	0.66525	1.33051	50000
	2667.4417	18.28	7998	0.15997	0.31993	50000
AROCLOR-1260-3	1535.7228	18.40	49120	0.09210	0.18419	533353
	523.0740	18.48	1568	0.03137	0.06274	50000
	461.7065	18.58	1384	0.02769	0.05538	50000
AROCLOR-1260-4	1655.2080	18.95	27680	0.09926	0.19853	278859
	4483.6937	19.01	13444	0.26889	0.53777	50000
	5364.4831	19.09	16085	0.32171	0.64342	50000
	3119.7631	19.46	9355	0.18709	0.37418	50000
	1792.9669	19.57	5376	0.10752	0.21505	50000
	2572.8795	19.64	7715	0.15430	0.30859	50000
	2538.7374	19.72	7612	0.15225	0.30450	50000
	3611.4856	20.03	10829	0.21658	0.43316	50000
AROCLOR-1260-5	2694.8072	20.13	23275	0.16161	0.32322	144021
	14342.9025	20.22	43007	0.86014	1.72029	50000
	4925.3778	20.46	14769	0.29537	0.59075	50000

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3/28/2008 10:55:35 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00233.rst

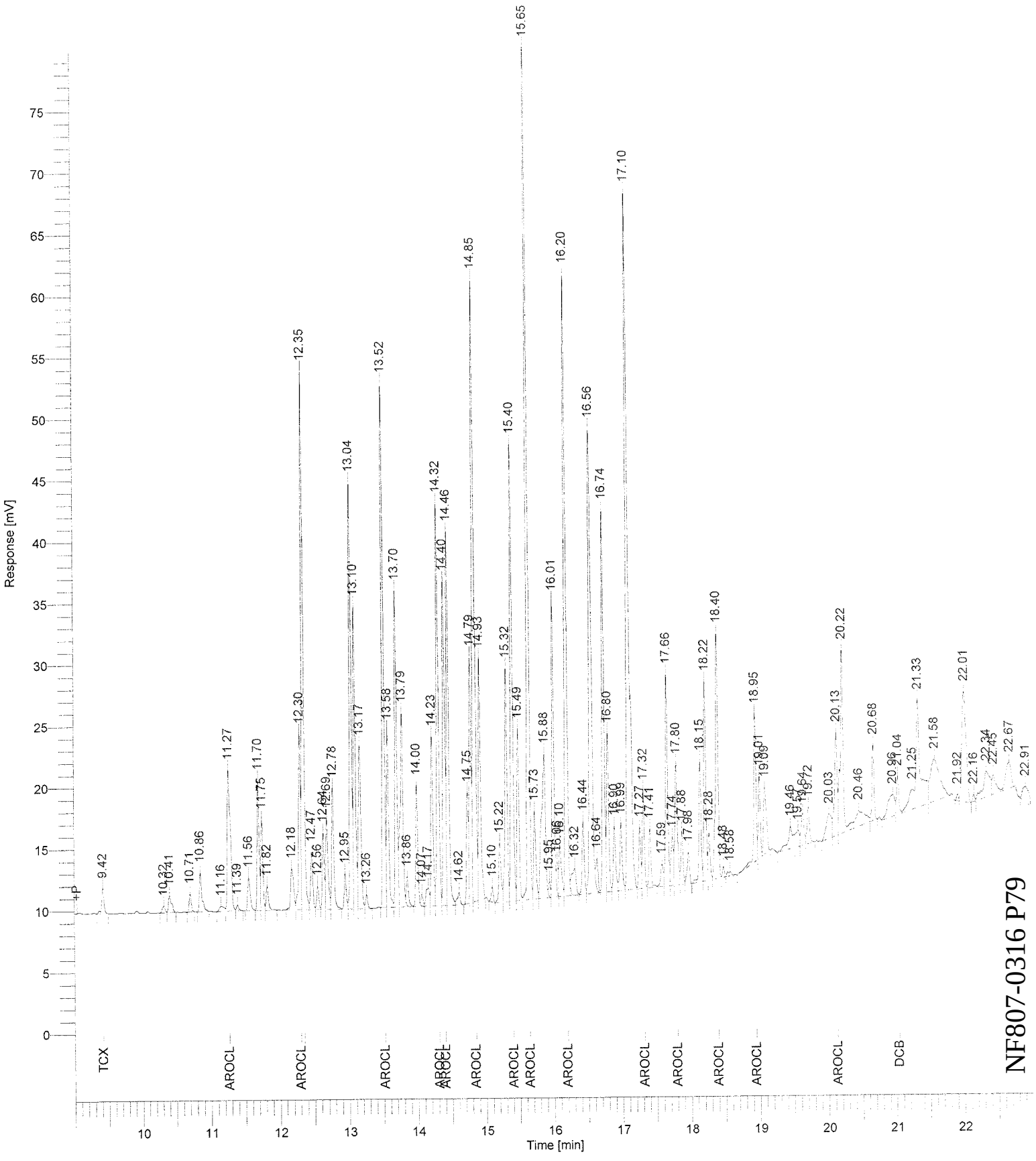
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	4398.2105	20.68	13188	0.26376	0.52752	50000
	4328.1945	20.96	12978	0.25956	0.51912	50000
DCB	23.7103	21.04	7391	0.00142	0.00284	5197985
	3157.2126	21.25	9467	0.18934	0.37868	50000
	12779.0867	21.33	38318	0.76636	1.53272	50000
	11253.2223	21.58	33743	0.67486	1.34971	50000
	337.8109	21.92	1013	0.02026	0.04052	50000
	13293.2179	22.01	39860	0.79719	1.59439	50000
	401.1113	22.16	1203	0.02405	0.04811	50000
	5120.3363	22.34	15353	0.30707	0.61413	50000
	2182.9546	22.45	6546	0.13091	0.26182	50000
	3987.5622	22.67	11957	0.23913	0.47827	50000
	2705.6615	22.91	8113	0.16226	0.32452	50000
	436.5630	23.20	1309	0.02618	0.05236	50000
				40.47231	80.94462	17541442

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00233.TX0

NF807-0316 P78

Chromatogram

Sample Name : 0803780-004A Sample #: 000004 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00233.raw
Date : 3/28/2008 10:55:38 AM
Method : pest Time of Injection: 3/26/2008 4:52:02 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 86530
Operator : manager
Sample Number : 000004
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 4:52:02 PM

Date : 3/28/2008 10:55:40 AM

Sample Name : 0803780-004A
Study : dl","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 25.00
Cycle : 6

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00233.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00233.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00233.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00233.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00233.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 115
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	181.8522	8.71	545	0.01091	0.02181	50000
TCX	17.5277	9.33	7533	0.00105	0.00210	7166746
	171.2952	9.67	514	0.01027	0.02055	50000
	187.2535	10.12	561	0.01123	0.02246	50000
	477.7102	10.27	1432	0.02865	0.05730	50000
	311.7054	10.47	935	0.01869	0.03739	50000
	591.8762	10.54	1775	0.03549	0.07099	50000
	1576.6876	10.61	4728	0.09455	0.18911	50000
	3394.2156	10.79	10178	0.20355	0.40710	50000
	769.1833	10.93	2306	0.04613	0.09226	50000
	1768.2225	11.13	5302	0.10604	0.21208	50000
	1093.5130	11.32	3279	0.06558	0.13116	50000
AROCLOR-1242-1	3838.1788	11.55	38341	0.23018	0.46035	166575
	6768.9084	11.59	20297	0.40593	0.81186	50000
	1380.2887	11.69	4139	0.08278	0.16555	50000
	428.7911	11.77	1286	0.02571	0.05143	50000
	2551.1812	11.82	7650	0.15299	0.30599	50000
	13043.2243	12.03	39110	0.78220	1.56440	50000
	8144.0638	12.10	24420	0.48840	0.97680	50000
	3409.3164	12.34	10223	0.20446	0.40891	50000
	1788.8294	12.40	5364	0.10728	0.21455	50000
AROCLOR-1242-2	2720.4585	12.54	34661	0.16315	0.32629	212454
AROCLOR-1242-3	7745.0515	12.58	155827	0.46447	0.92894	335494

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3/28/2008 10:55:40 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00233.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	13962.2639	12.84	41866	0.83732	1.67463	50000
	1913.4380	12.94	5737	0.11475	0.22950	50000
	10454.9513	13.08	31349	0.62698	1.25397	50000
	8138.9349	13.14	24405	0.48809	0.97618	50000
	37724.9899	13.29	113118	2.26237	4.52474	50000
	29574.4873	13.37	88679	1.77358	3.54716	50000
	19138.0204	13.45	57385	1.14771	2.29541	50000
	149.0694	13.63	447	0.00894	0.01788	50000
AROCLOR-1242-4	12845.6706	13.84	143624	0.77036	1.54071	186438
	15657.2388	13.92	46948	0.93896	1.87793	50000
	5736.0113	13.96	17199	0.34399	0.68798	50000
	40239.1677	14.09	120657	2.41314	4.82629	50000
	7174.3516	14.13	21512	0.43025	0.86049	50000
	1655.5837	14.26	4964	0.09929	0.19857	50000
	11048.6132	14.39	33129	0.66259	1.32517	50000
	14388.9349	14.48	43145	0.86290	1.72581	50000
AROCLOR-1254-1	4952.4478	14.62	87722	0.29700	0.59400	295363
AROCLOR-1242-5	14632.9371	14.70	199471	0.87754	1.75507	227308
	6805.2806	14.85	20406	0.40811	0.81623	50000
	9376.5845	14.96	28116	0.56231	1.12463	50000
AROCLOR-1254-2	7114.8126	15.08	135808	0.42668	0.85335	318294
	20732.3153	15.17	62166	1.24332	2.48663	50000
	22763.5915	15.19	68257	1.36513	2.73027	50000
	13501.3572	15.25	40484	0.80968	1.61935	50000
	1542.2410	15.36	4624	0.09249	0.18498	50000
	3291.4991	15.52	9870	0.19739	0.39478	50000
	19225.7615	15.64	57648	1.15297	2.30594	50000
	2437.0870	15.71	7308	0.14615	0.29230	50000
	37073.5950	15.76	111165	2.22330	4.44661	50000
	9482.6650	15.87	28434	0.56868	1.13735	50000
AROCLOR-1254-3	7813.2152	15.99	211744	0.46856	0.93712	451905
	8205.2021	16.06	24603	0.49207	0.98413	50000
	2335.9683	16.16	7004	0.14009	0.28018	50000
	4805.1462	16.19	14408	0.28816	0.57633	50000
	2505.7527	16.24	7514	0.15027	0.30054	50000
	11420.3569	16.32	34244	0.68488	1.36976	50000
	25845.7314	16.37	77498	1.54997	3.09994	50000
AROCLOR-1254-4	7068.3595	16.44	141940	0.42389	0.84778	334852
	10241.2544	16.65	30708	0.61417	1.22834	50000
	3667.0853	16.74	10996	0.21992	0.43983	50000
AROCLOR-1254-5	6964.8726	16.78	97838	0.41768	0.83537	234239
	996.3672	16.88	2988	0.05975	0.11950	50000
	376.9103	16.97	1130	0.02260	0.04521	50000
	18710.6277	17.06	56104	1.12208	2.24415	50000
	46706.3921	17.11	140049	2.80098	5.60197	50000
	519.1832	17.21	1557	0.03114	0.06227	50000
	5881.5143	17.26	17636	0.35271	0.70543	50000
	4786.4484	17.35	14352	0.28704	0.57409	50000
	13680.3501	17.43	41021	0.82041	1.64082	50000
	62431.7013	17.47	187202	3.74403	7.48806	50000
	1246.0346	17.56	3736	0.07472	0.14945	50000
AROCLOR-1260-1	2180.4900	17.64	40810	0.13076	0.26153	312089
	5176.9758	17.75	15523	0.31046	0.62093	50000
	199.1966	17.82	597	0.01195	0.02389	50000
	3807.4158	17.95	11417	0.22833	0.45666	50000
	469.0609	18.05	1406	0.02813	0.05626	50000
	16248.7701	18.16	48722	0.97444	1.94888	50000
AROCLOR-1260-2	1278.9702	18.21	26544	0.07670	0.15340	346075
	4302.9069	18.35	12902	0.25805	0.51609	50000
	305.5538	18.40	916	0.01832	0.03665	50000
	11178.5450	18.49	33519	0.67038	1.34076	50000
	2347.6143	18.55	7039	0.14079	0.28157	50000
	3719.6022	18.64	11153	0.22306	0.44613	50000
AROCLOR-1260-3	1314.3180	18.69	63021	0.07882	0.15764	799560
	1933.8921	18.82	5799	0.11598	0.23195	50000
	1210.0495	18.93	3628	0.07257	0.14513	50000
	16789.4216	19.04	50343	1.00686	2.01372	50000

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3/28/2008 10:55:40 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00233.rst

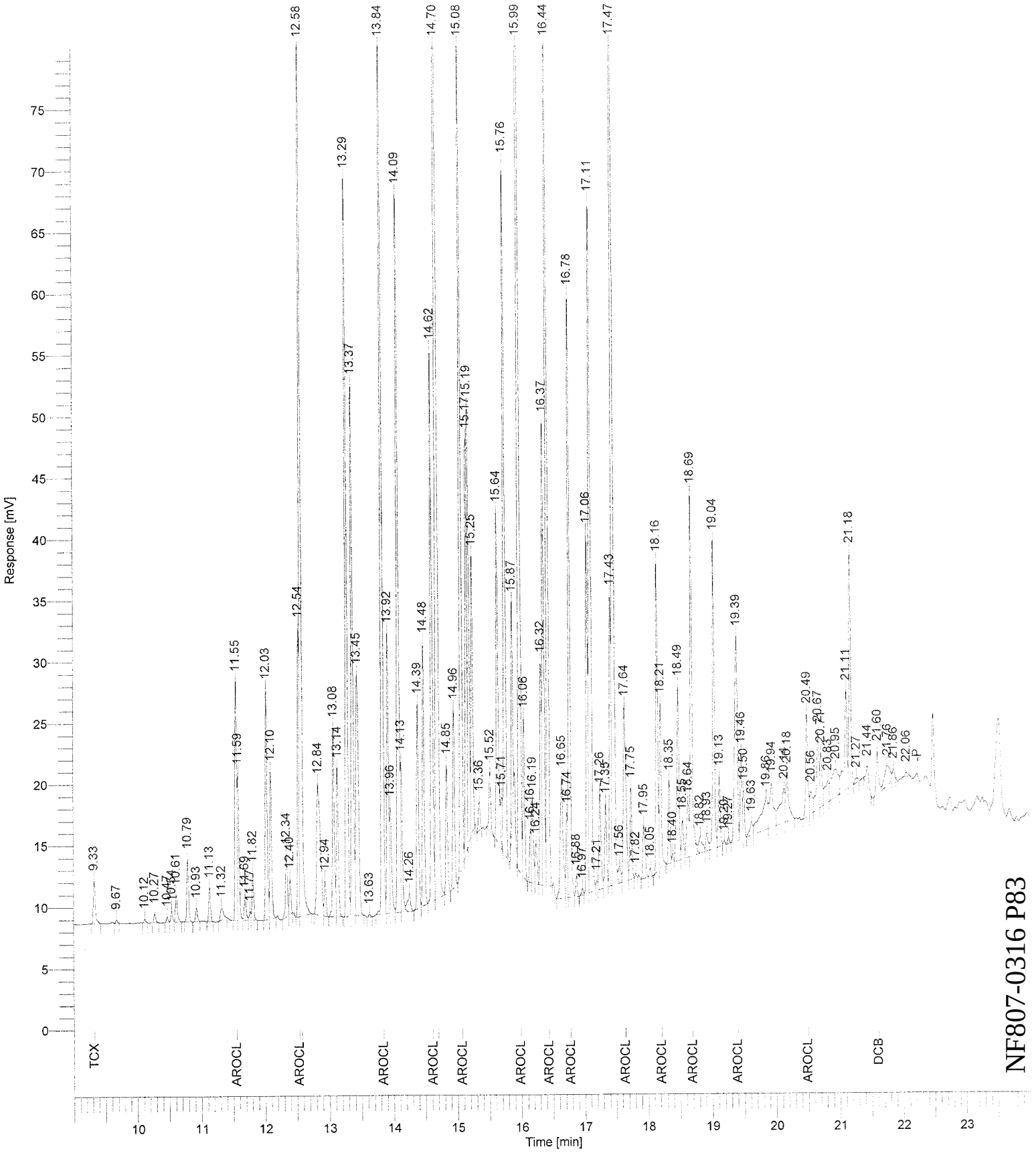
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	4213.7578	19.13	12635	0.25270	0.50540	50000
	262.4528	19.20	787	0.01574	0.03148	50000
	326.2194	19.27	978	0.01956	0.03913	50000
AROCLOR-1260-4	1555.3541	19.39	51084	0.09327	0.18655	547677
	4479.2092	19.46	13431	0.26862	0.53724	50000
	2309.6470	19.50	6925	0.13851	0.27702	50000
	1214.8442	19.63	3643	0.07285	0.14571	50000
	6934.4524	19.86	20793	0.41586	0.83172	50000
	5475.7277	19.94	16419	0.32838	0.65676	50000
	5058.0435	20.14	15167	0.30333	0.60666	50000
	4252.1568	20.18	12750	0.25500	0.51000	50000
AROCLOR-1260-5	1575.4634	20.49	18552	0.09448	0.18896	196353
	1960.9969	20.56	5880	0.11760	0.23520	50000
	5529.7593	20.67	16581	0.33162	0.66324	50000
	3590.8005	20.71	10767	0.21534	0.43068	50000
	2629.2013	20.83	7884	0.15767	0.31535	50000
	6247.2383	20.95	18732	0.37465	0.74929	50000
	8196.2130	21.11	24576	0.49153	0.98305	50000
	12493.5576	21.18	37462	0.74924	1.49848	50000
	450.0283	21.27	1349	0.02699	0.05398	50000
	1725.8562	21.44	5175	0.10350	0.20700	50000
DCB	23.8835	21.60	9148	0.00143	0.00286	6387099
	3463.5411	21.76	10385	0.20771	0.41542	50000
	699.9713	21.86	2099	0.04198	0.08395	50000
	426.5404	22.06	1279	0.02558	0.05116	50000
				52.10551	104.21102	23418521

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00233.TX0

NF807-0316 P82

Chromatogram

Sample Name : 0803780-004A Sample #: 000004 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00233.raw
Date : 3/28/2008 10:55:43 AM
Method : pest Time of Injection: 3/26/2008 4:52:02 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000005

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-005A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00216.raw

% Moisture: 25.8 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/25/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	44	UX
11104-28-2	Aroclor 1221	90	U
11141-16-5	Aroclor 1232	44	UX
53469-21-9	Aroclor 1242	1900	E
12672-29-6	Aroclor 1248	44	UX
11097-69-1	Aroclor 1254	1800	E
11096-82-5	Aroclor 1260	440	Y

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87833
Operator : manager
Sample Number : 000005
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 8:20:10 PM

Date : 4/3/2008 4:51:28 PM

Sample Name : 0803780-005A
Study : samp","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00216.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00216.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00216.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00216.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00216.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 131
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	21.2314	9.29	1592	0.03183	0.06366	50000
TCX	15.8220	9.42	110051	0.02372	0.04744	4639369
	10.4448	9.67	783	0.01566	0.03132	50000
	64.7653	9.92	4855	0.09710	0.19420	50000
	63.0276	10.08	4725	0.09449	0.18899	50000
	91.7516	10.30	6878	0.13756	0.27512	50000
	563.6040	10.40	42249	0.84498	1.68997	50000
	253.5630	10.71	19008	0.38015	0.76031	50000
	1117.9878	10.86	83807	1.67614	3.35229	50000
	489.2909	11.10	36678	0.73357	1.46714	50000
	55.4603	11.19	4157	0.08315	0.16630	50000
AROCLOR-1242-1	1059.1260	11.27	265307	1.58790	3.17579	167081
	120.4655	11.39	9030	0.18061	0.36122	50000
	508.5733	11.56	38124	0.76248	1.52496	50000
	1498.2484	11.70	112312	2.24625	4.49250	50000
	1415.9615	11.75	106144	2.12288	4.24576	50000
	324.0576	11.82	24292	0.48584	0.97169	50000
	16.6059	11.92	1245	0.02490	0.04979	50000
	60.4715	12.11	4533	0.09066	0.18132	50000
	852.6162	12.18	63914	1.27829	2.55657	50000
AROCLOR-1242-2	807.0516	12.30	188899	1.20997	2.41994	156118
AROCLOR-1242-3	1448.2316	12.35	488005	2.17126	4.34252	224756
	503.5245	12.47	37745	0.75491	1.50982	50000

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4/3/2008 4:51:28 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00216.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	226.1298	12.56	16951	0.33903	0.67805	50000
	1384.3087	12.64	103771	2.07543	4.15085	50000
	919.0922	12.69	68897	1.37795	2.75590	50000
	1769.1822	12.77	132622	2.65245	5.30489	50000
	302.2490	12.95	22657	0.45315	0.90629	50000
	4180.2182	13.04	313360	6.26719	12.53439	50000
	2902.1876	13.10	217555	4.35111	8.70221	50000
	1990.6438	13.17	149224	2.98447	5.96895	50000
	194.0911	13.26	14550	0.29099	0.58198	50000
	59.7883	13.37	4482	0.08964	0.17928	50000
	27.4278	13.44	2056	0.04112	0.08224	50000
AROCLOR-1242-4	2000.0883	13.52	366655	2.99863	5.99727	122274
	1540.1316	13.58	115452	2.30904	4.61809	50000
	97.8385	13.63	7334	0.14668	0.29337	50000
	3007.4922	13.70	225449	4.50898	9.01797	50000
	2606.4536	13.79	195386	3.90773	7.81545	50000
	368.8603	13.86	27651	0.55301	1.10603	50000
	1025.5030	14.00	76874	1.53749	3.07497	50000
	138.7278	14.07	10399	0.20799	0.41598	50000
	347.3910	14.14	26041	0.52083	1.04165	50000
	1796.6754	14.23	134683	2.69367	5.38733	50000
AROCLOR-1254-1	1152.8115	14.31	294225	1.72835	3.45671	170234
AROCLOR-1242-5	1580.0904	14.40	304249	2.36895	4.73790	128432
	3822.4320	14.46	286539	5.73078	11.46157	50000
	178.4807	14.61	13379	0.26759	0.53517	50000
	965.8220	14.74	72400	1.44801	2.89602	50000
	2802.8763	14.79	210111	4.20221	8.40443	50000
AROCLOR-1254-2	1588.6528	14.85	558258	2.38179	4.76358	234386
	2492.6430	14.92	186855	3.73710	7.47419	50000
	57.5323	15.01	4313	0.08626	0.17251	50000
	186.3523	15.10	13969	0.27939	0.55878	50000
	462.6094	15.21	34678	0.69357	1.38713	50000
	2500.8437	15.32	187470	3.74939	7.49878	50000
AROCLOR-1254-3	1317.5025	15.40	373457	1.97527	3.95053	189067
	1678.8507	15.49	125851	2.51702	5.03404	50000
AROCLOR-1254-4	1450.3964	15.64	687928	2.17451	4.34901	316360
	1007.5260	15.73	75527	1.51053	3.02107	50000
	2645.0365	15.88	198279	3.96557	7.93114	50000
	245.1912	15.95	18380	0.36760	0.73521	50000
	3818.4169	16.01	286238	5.72476	11.44953	50000
	934.4474	16.10	70049	1.40097	2.80194	50000
AROCLOR-1254-5	1393.9535	16.20	519896	2.08989	4.17977	248768
	792.1755	16.31	59383	1.18767	2.37534	50000
	930.6969	16.44	69767	1.39535	2.79070	50000
	6657.8982	16.56	499093	9.98186	19.96371	50000
	458.3088	16.64	34356	0.68712	1.37424	50000
	4296.7980	16.74	322099	6.44198	12.88395	50000
	1753.7061	16.80	131462	2.62924	5.25849	50000
	805.5494	16.90	60386	1.20772	2.41544	50000
	880.0597	16.99	65971	1.31943	2.63886	50000
	10043.1525	17.10	752860	15.05720	30.11440	50000
	675.3192	17.27	50624	1.01247	2.02495	50000
AROCLOR-1260-1	282.3865	17.32	88688	0.42337	0.84674	209482
	714.1916	17.41	53538	1.07075	2.14150	50000
	296.9616	17.59	22261	0.44522	0.89044	50000
	2219.1366	17.66	166352	3.32704	6.65408	50000
	439.0723	17.74	32914	0.65828	1.31656	50000
AROCLOR-1260-2	295.4969	17.80	102292	0.44302	0.88605	230895
	525.2211	17.88	39372	0.78744	1.57488	50000
	414.0618	17.98	31039	0.62078	1.24156	50000
	32.3475	18.06	2425	0.04850	0.09699	50000
	1361.7344	18.15	102079	2.04158	4.08316	50000
	260.5488	18.22	19531	0.39063	0.78126	50000
	537.9239	18.28	40324	0.80648	1.61297	50000
AROCLOR-1260-3	379.1362	18.40	303169	0.56842	1.13684	533353
	183.4132	18.48	13749	0.27498	0.54996	50000
	94.6516	18.54	7095	0.14191	0.28381	50000

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4/3/2008 4:51:28 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00216.rst

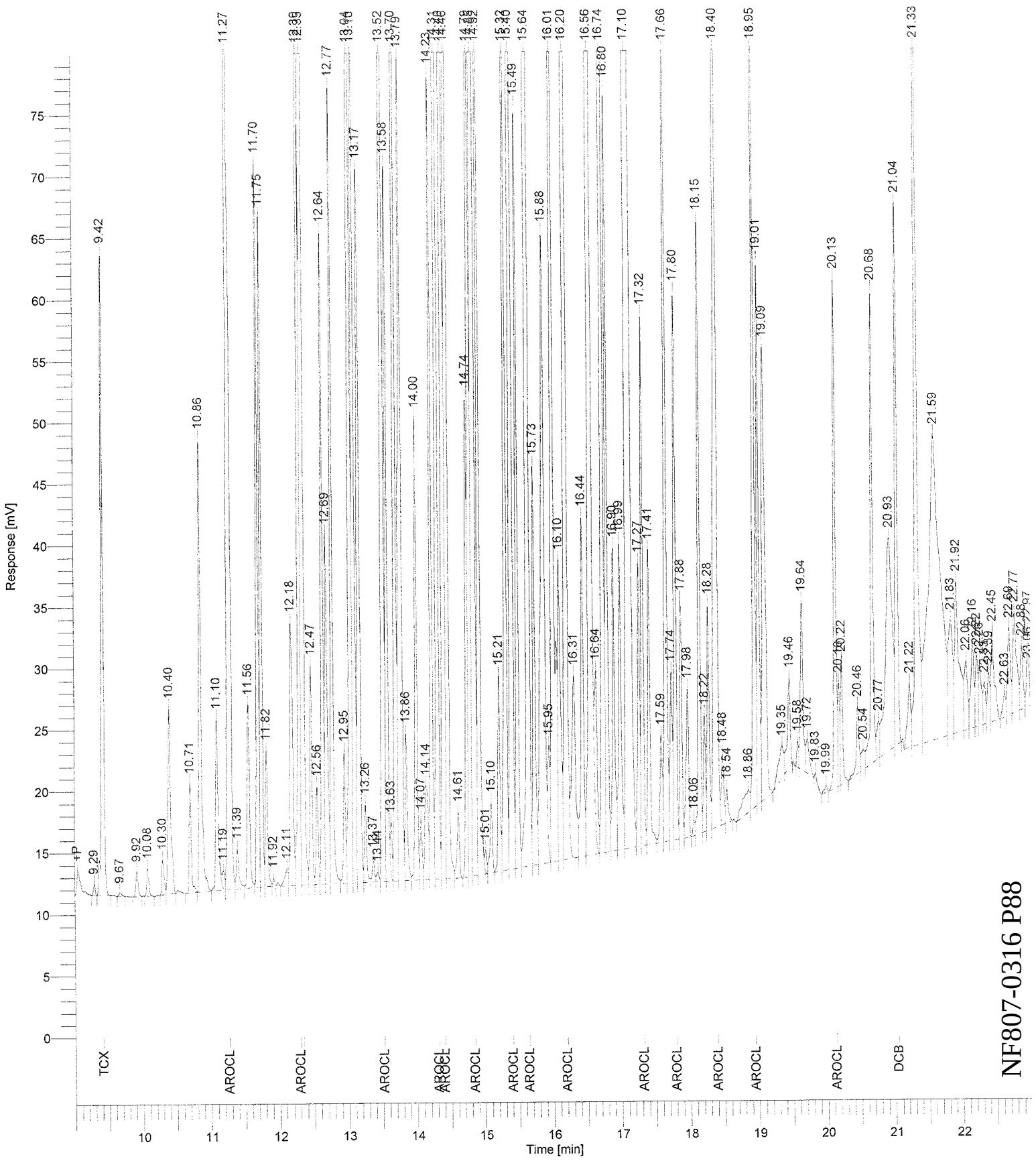
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	188.8036	18.86	14153	0.28306	0.56613	50000
AROCLOR-1260-4	356.7032	18.95	149130	0.53479	1.06957	278859
	1252.8125	19.01	93914	1.87828	3.75656	50000
	1590.2024	19.09	119206	2.38411	4.76822	50000
	193.9250	19.35	14537	0.29074	0.58148	50000
	279.6143	19.46	20961	0.41921	0.83842	50000
	48.3281	19.58	3623	0.07246	0.14491	50000
	496.6906	19.64	37233	0.74466	1.48933	50000
	138.4692	19.72	10380	0.20760	0.41520	50000
	20.9445	19.83	1570	0.03140	0.06280	50000
	21.7360	19.99	1629	0.03259	0.06518	50000
AROCLOR-1260-5	411.5980	20.13	88874	0.61709	1.23418	144021
	193.4836	20.18	14504	0.29008	0.58016	50000
	314.9084	20.22	23606	0.47213	0.94425	50000
	202.0730	20.46	15148	0.30296	0.60592	50000
	80.9907	20.54	6071	0.12143	0.24285	50000
	1248.4757	20.68	93589	1.87178	3.74356	50000
	103.6865	20.77	7773	0.15545	0.31090	50000
	1597.1578	20.93	119727	2.39454	4.78908	50000
DCB	12.5718	21.04	97973	0.01885	0.03770	5197985
	230.8850	21.22	17308	0.34615	0.69231	50000
	2699.0360	21.33	202327	4.04653	8.09306	50000
	4099.6011	21.59	307316	6.14633	12.29266	50000
	615.5574	21.83	46144	0.92287	1.84575	50000
	785.5631	21.92	58888	1.17776	2.35551	50000
	270.0008	22.06	20240	0.40480	0.80960	50000
	310.6282	22.16	23285	0.46571	0.93142	50000
	197.8380	22.22	14830	0.29661	0.59322	50000
	208.8658	22.26	15657	0.31314	0.62628	50000
	114.8312	22.33	8608	0.17216	0.34432	50000
	142.6694	22.39	10695	0.21390	0.42779	50000
	343.8144	22.45	25773	0.51546	1.03093	50000
	74.3980	22.63	5577	0.11154	0.22308	50000
	289.5690	22.69	21707	0.43414	0.86827	50000
	422.0540	22.77	31638	0.63276	1.26553	50000
	203.5109	22.88	15256	0.30511	0.61023	50000
	194.9952	22.97	14617	0.29235	0.58469	50000
	139.7013	23.06	10472	0.20945	0.41889	50000
	69.0632	23.12	5177	0.10354	0.20709	50000
	137.2800	23.20	10291	0.20582	0.41163	50000
	46.9991	23.28	3523	0.07046	0.14093	50000
				189.21861	378.43723	18891442

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00216.TX0

NF807-0316 P87

Chromatogram

Sample Name : 0803780-005A Sample #: 000005
FileName : S:\GC\HP6890-2\2008\03-2008\2a00216.raw
Date : 4/3/2008 4:51:31 PM
Method : pest Time of Injection: 3/25/2008 8:20:10 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87834
Operator : manager
Sample Number : 000005
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 8:20:10 PM

Date : 4/3/2008 4:51:33 PM

Sample Name : 0803780-005A
Study : samp","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00216.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00216.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00216.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00216.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00216.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 130
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	71.6423	8.41	5370	0.10741	0.21482	50000
	35.3218	8.59	2648	0.05296	0.10591	50000
	37.9931	8.71	2848	0.05696	0.11392	50000
	54.8580	8.84	4112	0.08225	0.16449	50000
	5.3244	9.25	399	0.00798	0.01597	50000
TCX	15.3234	9.33	164646	0.02297	0.04595	7166746
	53.6051	9.61	4018	0.08037	0.16073	50000
	94.0089	9.67	7047	0.14094	0.28189	50000
	12.7559	9.99	956	0.01912	0.03825	50000
	12.7635	10.05	957	0.01914	0.03827	50000
	83.1047	10.12	6230	0.12459	0.24919	50000
	14.0648	10.27	1054	0.02109	0.04217	50000
	72.8832	10.41	5464	0.10927	0.21854	50000
	134.1115	10.47	10053	0.20107	0.40213	50000
	85.4845	10.54	6408	0.12816	0.25633	50000
	548.2511	10.61	41098	0.82197	1.64393	50000
	12.8853	10.71	966	0.01932	0.03864	50000
	1339.8451	10.79	100438	2.00876	4.01753	50000
	191.2459	10.92	14336	0.28673	0.57345	50000
	5.0447	11.00	378	0.00756	0.01513	50000
	366.9224	11.13	27505	0.55011	1.10022	50000
	717.1023	11.29	53756	1.07512	2.15023	50000
	75.8215	11.40	5684	0.11368	0.22735	50000

NF807-0316 P89

4/3/2008 4:51:33 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00216.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
AROCLOR-1242-1	1136.2959	11.55	283775	1.70359	3.40718	166575
	1715.1598	11.58	128573	2.57145	5.14291	50000
	297.6336	11.69	22311	0.44623	0.89245	50000
	110.2975	11.77	8268	0.16536	0.33073	50000
	434.3879	11.81	32563	0.65126	1.30251	50000
	10.2353	11.92	767	0.01535	0.03069	50000
	2629.0528	12.03	197080	3.94161	7.88322	50000
	2167.4972	12.10	162481	3.24962	6.49924	50000
	151.4788	12.20	11355	0.22710	0.45421	50000
	791.4329	12.34	59328	1.18656	2.37311	50000
	420.9386	12.40	31555	0.63109	1.26218	50000
AROCLOR-1242-2	748.8747	12.54	238533	1.12275	2.24550	212454
AROCLOR-1242-3	1480.2315	12.57	744542	2.21924	4.43848	335494
	3036.8576	12.86	227650	4.55301	9.10602	50000
	267.3754	12.94	20043	0.40086	0.80173	50000
	2392.0335	13.07	179313	3.58626	7.17251	50000
	1018.2669	13.14	76332	1.52664	3.05327	50000
	6005.2168	13.28	450166	9.00332	18.00665	50000
	4611.5616	13.37	345694	6.91389	13.82777	50000
	3054.6011	13.44	228981	4.57961	9.15922	50000
	31.7784	13.63	2382	0.04764	0.09529	50000
	104.0858	13.76	7803	0.15605	0.31210	50000
AROCLOR-1242-4	1961.5600	13.84	548291	2.94087	5.88174	186438
	2186.4125	13.92	163899	3.27798	6.55596	50000
	928.0502	13.96	69569	1.39138	2.78276	50000
	6424.1338	14.09	481569	9.63139	19.26277	50000
	1166.6604	14.13	87456	1.74912	3.49823	50000
	467.2106	14.26	35023	0.70047	1.40093	50000
	1835.1631	14.39	137568	2.75137	5.50274	50000
	2677.9415	14.48	200745	4.01490	8.02981	50000
AROCLOR-1254-1	1024.2063	14.62	453543	1.53554	3.07108	295363
AROCLOR-1242-5	2482.1349	14.70	845890	3.72134	7.44268	227308
	2640.5288	14.85	197941	3.95881	7.91763	50000
	4106.6796	14.96	307847	6.15694	12.31388	50000
AROCLOR-1254-2	1850.8269	15.08	883218	2.77485	5.54971	318294
	6852.5332	15.17	513683	10.27366	20.54733	50000
	6607.5656	15.19	495320	9.90640	19.81279	50000
	6320.8450	15.25	473826	9.47653	18.95306	50000
	8399.5777	15.36	629654	12.59307	25.18614	50000
	12840.6555	15.45	962568	19.25136	38.50272	50000
	11855.6404	15.52	888729	17.77457	35.54915	50000
	12031.5185	15.64	901913	18.03826	36.07652	50000
	3089.4621	15.70	231594	4.63188	9.26375	50000
	13750.0826	15.76	1030741	20.61482	41.22963	50000
	8447.4863	15.87	633245	12.66490	25.32979	50000
AROCLOR-1254-3	1558.4426	15.99	1055875	2.33650	4.67299	451905
	2786.4802	16.05	208882	4.17763	8.35526	50000
	1479.9646	16.16	110942	2.21884	4.43768	50000
	1433.2522	16.19	107440	2.14880	4.29761	50000
	964.5229	16.24	72303	1.44606	2.89212	50000
	2167.9216	16.32	162513	3.25026	6.50051	50000
	4535.3841	16.37	339984	6.79968	13.59935	50000
AROCLOR-1254-4	1255.6644	16.43	630377	1.88256	3.76511	334852
	189.7351	16.51	14223	0.28446	0.56892	50000
	1640.3744	16.65	122967	2.45933	4.91866	50000
	227.3392	16.73	17042	0.34084	0.68168	50000
AROCLOR-1254-5	1114.8958	16.78	391532	1.67151	3.34302	234239
	214.6229	16.88	16089	0.32177	0.64355	50000
	69.0689	16.97	5178	0.10355	0.20710	50000
	2877.7091	17.06	215720	4.31441	8.62881	50000
	7803.4502	17.11	584966	11.69933	23.39865	50000
	1107.2631	17.26	83003	1.66006	3.32013	50000
	917.4085	17.35	68771	1.37543	2.75085	50000
	2393.8779	17.43	179451	3.58902	7.17804	50000
	10811.9595	17.47	810492	16.20983	32.41967	50000
	301.5672	17.56	22606	0.45212	0.90425	50000
AROCLOR-1260-1	445.7612	17.64	208572	0.66831	1.33662	312089

NF807-0316 P90

4/3/2008 4:51:33 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00216.rst

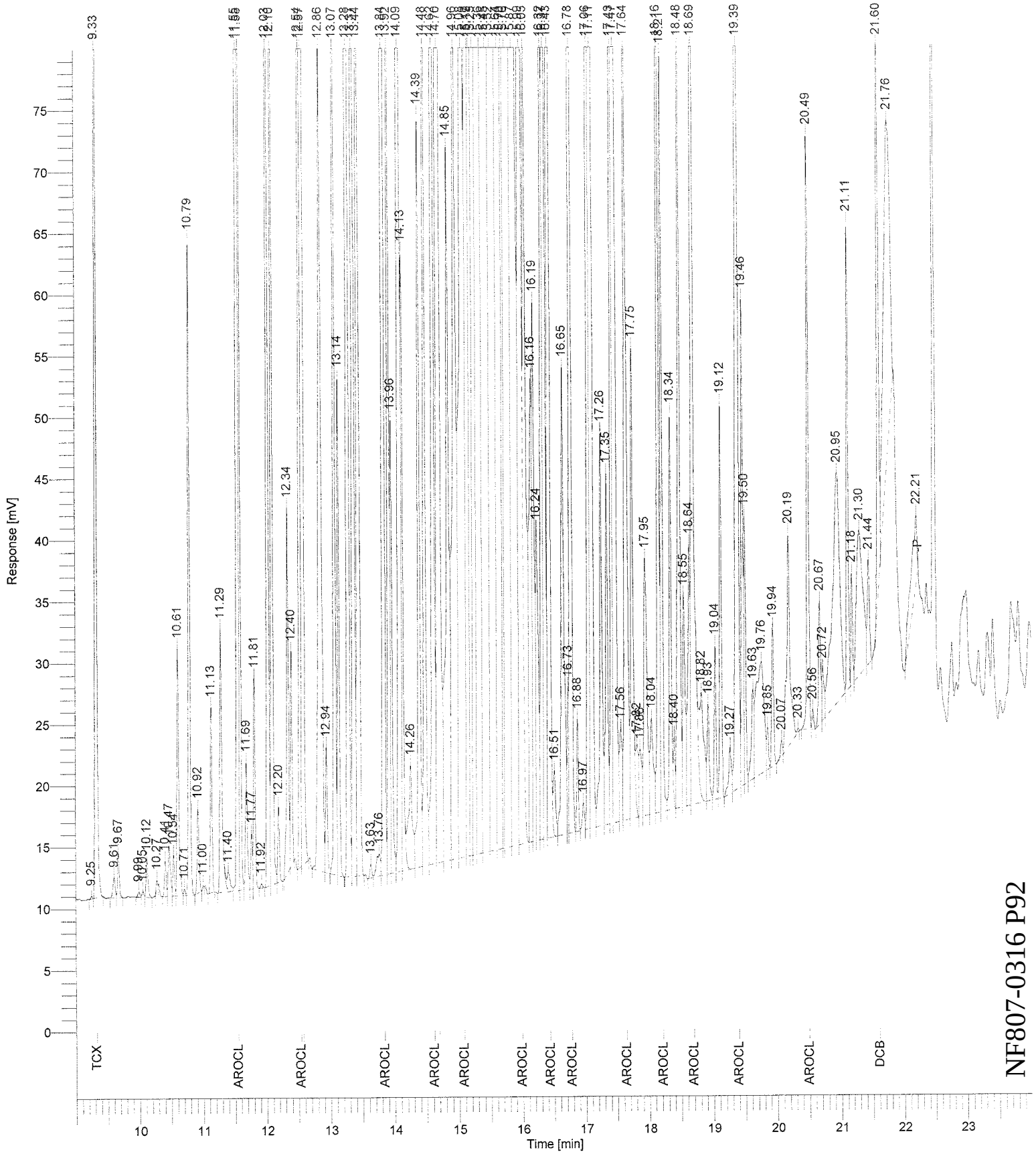
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	1316.5698	17.75	98693	1.97387	3.94774	50000
	207.8712	17.82	15583	0.31165	0.62330	50000
	226.1792	17.86	16955	0.33910	0.67820	50000
	991.1716	17.95	74301	1.48601	2.97203	50000
	386.5487	18.04	28977	0.57953	1.15907	50000
	2706.5609	18.16	202891	4.05781	8.11562	50000
AROCLOR-1260-2	233.1044	18.21	120947	0.34948	0.69896	346075
	934.6441	18.34	70063	1.40127	2.80253	50000
	117.0513	18.40	8774	0.17549	0.35098	50000
	2211.2650	18.48	165762	3.31524	6.63048	50000
	599.4702	18.55	44938	0.89876	1.79751	50000
	723.7336	18.64	54253	1.08506	2.17012	50000
AROCLOR-1260-3	301.1059	18.69	360948	0.45143	0.90287	799560
	563.8413	18.82	42267	0.84534	1.69068	50000
	265.1883	18.93	19879	0.39758	0.79517	50000
	328.9527	19.04	24659	0.49318	0.98636	50000
	854.1064	19.12	64026	1.28052	2.56104	50000
	145.6366	19.27	10917	0.21835	0.43669	50000
AROCLOR-1260-4	318.3870	19.39	261429	0.47734	0.95468	547677
	1052.7888	19.46	78920	1.57839	3.15679	50000
	521.2338	19.50	39073	0.78146	1.56292	50000
	286.4536	19.63	21473	0.42947	0.85893	50000
	1062.3953	19.76	79640	1.59280	3.18559	50000
	94.7578	19.85	7103	0.14207	0.28413	50000
	352.0805	19.94	26393	0.52786	1.05571	50000
	37.6215	20.07	2820	0.05640	0.11281	50000
	850.6997	20.19	63771	1.27541	2.55082	50000
	6.1463	20.33	461	0.00921	0.01843	50000
AROCLOR-1260-5	322.7848	20.49	95022	0.48394	0.96787	196353
	39.7849	20.56	2982	0.05965	0.11930	50000
	305.6271	20.67	22911	0.45821	0.91642	50000
	139.8280	20.72	10482	0.20964	0.41927	50000
	2079.4233	20.95	155879	3.11758	6.23515	50000
	931.3907	21.11	69819	1.39639	2.79278	50000
	218.2347	21.18	16359	0.32719	0.65438	50000
	1134.0335	21.30	85010	1.70020	3.40040	50000
	276.4184	21.44	20721	0.41442	0.82884	50000
DCB	10.7175	21.60	102630	0.01607	0.03214	6387099
	2567.0938	21.76	192436	3.84872	7.69743	50000
	573.3342	22.21	42979	0.85957	1.71914	50000
				343.61834	687.23669	24168521

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00216.TX0

NF807-0316 P91

Chromatogram

Sample Name : 0803780-005A Sample #: 000005 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00216.raw
Date : 4/3/2008 4:51:36 PM
Method : pest Time of Injection: 3/25/2008 8:20:10 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

000005DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-005ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00235.raw

% Moisture: 25.8 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/26/08

Injection Volume: 0.5 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	440	UX
11104-28-2	Aroclor 1221	900	U
11141-16-5	Aroclor 1232	440	UX
53469-21-9	Aroclor 1242	2200	D
12672-29-6	Aroclor 1248	440	UX
11097-69-1	Aroclor 1254	2100	D
11096-82-5	Aroclor 1260	650	DPY

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 86533
Operator : manager
Sample Number : 000005
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 5:49:18 PM

Date : 3/28/2008 10:55:56 AM

Sample Name : 0803780-005A
Study : dl","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 10.00
Cycle : 8

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00235.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00235.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00235.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00235.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00235.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 106
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	16.9949	9.42	11821	0.00255	0.00510	4639369
	89.9546	9.92	674	0.01349	0.02697	50000
	63.3448	10.08	475	0.00950	0.01899	50000
	125.6999	10.30	942	0.01885	0.03769	50000
	581.5900	10.41	4360	0.08719	0.17439	50000
	331.2408	10.71	2483	0.04966	0.09932	50000
	1382.3073	10.86	10362	0.20724	0.41448	50000
	385.9067	11.15	2893	0.05786	0.11571	50000
AROCLOR-1242-1	1249.0854	11.27	31289	0.18727	0.37454	167081
	103.0137	11.39	772	0.01544	0.03089	50000
	622.9947	11.56	4670	0.09340	0.18681	50000
	1735.0167	11.70	13006	0.26012	0.52024	50000
	1738.7892	11.75	13034	0.26069	0.52138	50000
	410.0693	11.82	3074	0.06148	0.12296	50000
	1042.8991	12.18	7818	0.15636	0.31271	50000
AROCLOR-1242-2	917.8364	12.30	21483	0.13761	0.27521	156118
AROCLOR-1242-3	1573.4937	12.35	53021	0.23591	0.47181	224756
	681.6417	12.47	5110	0.10220	0.20439	50000
	282.7138	12.56	2119	0.04239	0.08477	50000
	1659.8272	12.64	12442	0.24885	0.49770	50000
	1235.2362	12.69	9260	0.18519	0.37039	50000
	2151.6231	12.78	16129	0.32258	0.64516	50000
	389.0586	12.95	2916	0.05833	0.11666	50000

NF807-0316 P94

3/28/2008 10:55:56 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00235.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	4994.1370	13.05	37437	0.74875	1.49749	50000
	3623.3142	13.10	27161	0.54323	1.08645	50000
	2613.6804	13.17	19593	0.39186	0.78371	50000
	227.8553	13.26	1708	0.03416	0.06832	50000
	51.8578	13.37	389	0.00777	0.01555	50000
AROCLOR-1242-4	2340.7830	13.52	42911	0.35094	0.70188	122274
	1846.3150	13.58	13840	0.27681	0.55362	50000
	3379.7674	13.70	25336	0.50671	1.01342	50000
	3254.9081	13.79	24400	0.48799	0.97598	50000
	465.8560	13.86	3492	0.06984	0.13969	50000
	1308.1128	14.00	9806	0.19612	0.39224	50000
	205.4332	14.08	1540	0.03080	0.06160	50000
	430.4187	14.15	3227	0.06453	0.12906	50000
	2328.1653	14.23	17453	0.34905	0.69810	50000
AROCLOR-1254-1	1484.3959	14.32	37885	0.22255	0.44510	170234
AROCLOR-1242-5	2006.3343	14.40	38632	0.30080	0.60160	128432
	4917.4277	14.46	36862	0.73725	1.47449	50000
	283.8520	14.62	2128	0.04256	0.08511	50000
	1409.8175	14.75	10568	0.21137	0.42273	50000
	3592.6207	14.79	26931	0.53862	1.07725	50000
AROCLOR-1254-2	1970.3094	14.85	69237	0.29540	0.59080	234386
	3702.6543	14.93	27756	0.55512	1.11024	50000
	268.1982	15.10	2010	0.04021	0.08042	50000
	652.4724	15.22	4891	0.09782	0.19564	50000
	3384.0009	15.32	25367	0.50735	1.01469	50000
AROCLOR-1254-3	1636.3384	15.40	46383	0.24533	0.49066	189067
	2123.9944	15.49	15922	0.31844	0.63688	50000
AROCLOR-1254-4	1682.9948	15.65	79825	0.25232	0.50465	316360
	1219.0606	15.73	9138	0.18277	0.36554	50000
	2965.7723	15.88	22232	0.44464	0.88929	50000
	73.8326	15.95	553	0.01107	0.02214	50000
	3558.9733	16.01	26679	0.53358	1.06716	50000
	397.8398	16.10	2982	0.05965	0.11929	50000
AROCLOR-1254-5	1629.9896	16.20	60793	0.24438	0.48875	248768
	586.7435	16.32	4398	0.08797	0.17594	50000
	1121.8759	16.44	8410	0.16820	0.33639	50000
	8510.6548	16.56	63798	1.27596	2.55192	50000
	545.3217	16.64	4088	0.08176	0.16351	50000
	5137.8137	16.74	38514	0.77029	1.54057	50000
	2350.2847	16.80	17618	0.35237	0.70473	50000
	1147.8737	16.90	8605	0.17210	0.34419	50000
	1267.3875	16.99	9501	0.19001	0.38003	50000
	12698.5663	17.10	95192	1.90383	3.80767	50000
	904.3007	17.27	6779	0.13558	0.27115	50000
AROCLOR-1260-1	412.2689	17.32	12948	0.06181	0.12362	209482
	1082.1407	17.42	8112	0.16224	0.32448	50000
	557.6892	17.59	4181	0.08361	0.16722	50000
	3247.3938	17.67	24343	0.48687	0.97373	50000
	952.5053	17.74	7140	0.14280	0.28561	50000
AROCLOR-1260-2	587.3543	17.80	20332	0.08806	0.17612	230895
	972.9428	17.88	7293	0.14587	0.29174	50000
	645.6998	17.98	4840	0.09681	0.19361	50000
	1856.0109	18.15	13913	0.27826	0.55653	50000
	352.4139	18.22	2642	0.05284	0.10567	50000
	684.1482	18.28	5129	0.10257	0.20514	50000
AROCLOR-1260-3	474.3328	18.40	37929	0.07111	0.14223	533353
	163.4601	18.48	1225	0.02451	0.04901	50000
AROCLOR-1260-4	452.1454	18.95	18903	0.06779	0.13558	278859
	1510.9423	19.01	11326	0.22653	0.45306	50000
	1796.1927	19.09	13465	0.26929	0.53859	50000
	426.9547	19.46	3201	0.06401	0.12802	50000
	636.6288	19.57	4772	0.09545	0.19089	50000
	644.7407	19.64	4833	0.09666	0.19333	50000
AROCLOR-1260-5	1458.8769	20.13	31501	0.21872	0.43744	144021
	524.4054	20.22	3931	0.07862	0.15724	50000
	548.5346	20.46	4112	0.08224	0.16448	50000
	1272.1780	20.68	9537	0.19073	0.38146	50000

NF807-0316 P95

3/28/2008 10:55:56 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00235.rst

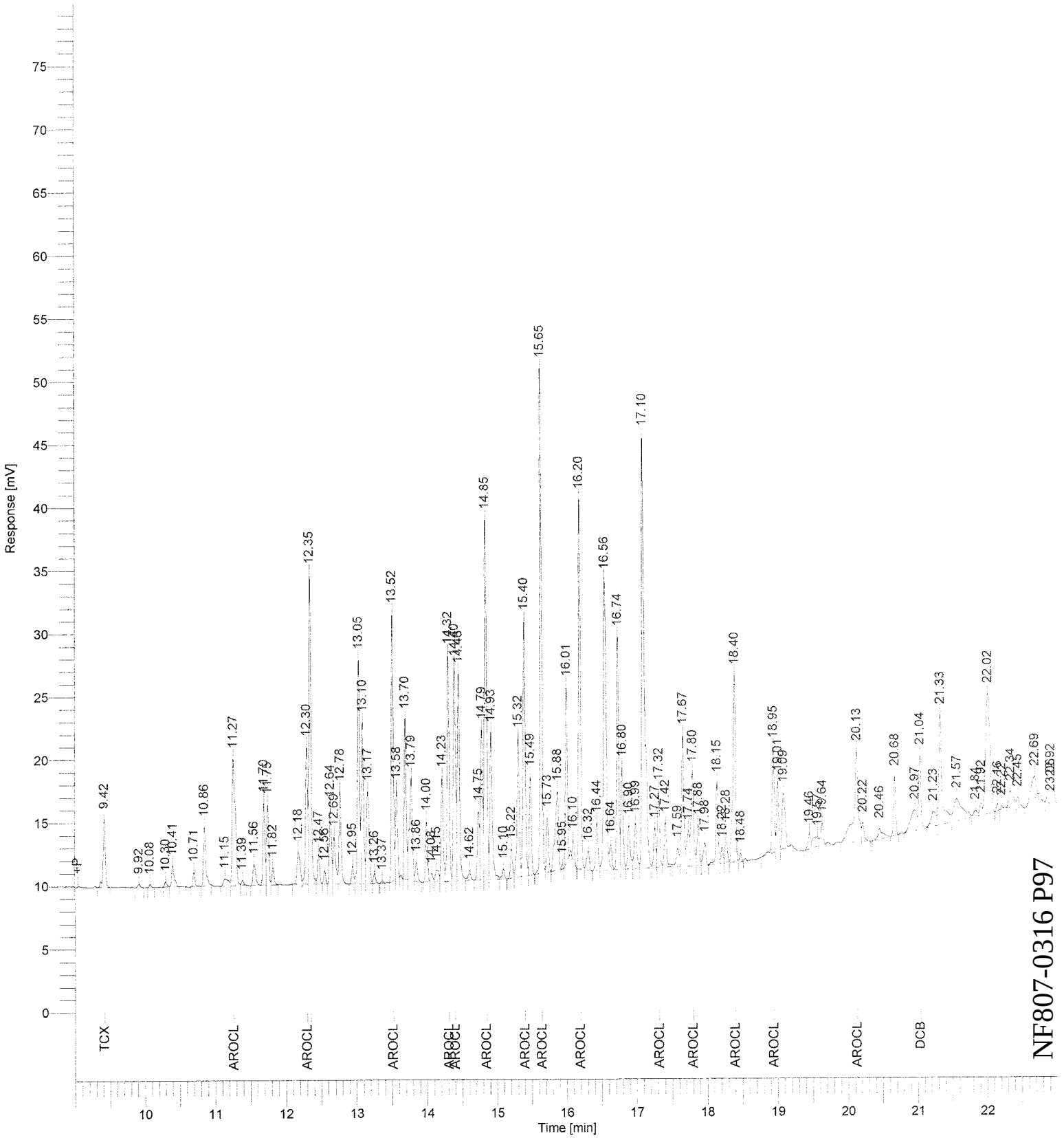
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [μV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	1355.9860	20.97	10165	0.20330	0.40659	50000
DCB	17.7342	21.04	13820	0.00266	0.00532	5197985
	782.5571	21.23	5866	0.11732	0.23465	50000
	3616.1437	21.33	27108	0.54215	1.08430	50000
	2158.5901	21.57	16181	0.32363	0.64725	50000
	249.3816	21.84	1869	0.03739	0.07478	50000
	316.2708	21.92	2371	0.04742	0.09483	50000
	5508.1341	22.02	41290	0.82581	1.65161	50000
	144.5179	22.16	1083	0.02167	0.04333	50000
	50.6125	22.22	379	0.00759	0.01518	50000
	856.4055	22.34	6420	0.12840	0.25679	50000
	359.4417	22.45	2694	0.05389	0.10778	50000
	1270.8083	22.69	9526	0.19053	0.38105	50000
	1172.2268	22.92	8787	0.17575	0.35149	50000
	107.7886	23.06	808	0.01616	0.03232	50000
	164.7892	23.20	1235	0.02471	0.04941	50000
				23.75772	47.51544	17641442

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00235.TX0

NF807-0316 P96

Chromatogram

Sample Name : 0803780-005A Sample #: 000005 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00235.raw
Date : 3/28/2008 10:55:58 AM
Method : pest Time of Injection: 3/26/2008 5:49:18 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 86534
Operator : manager
Sample Number : 000005
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 5:49:18 PM

Date : 3/28/2008 10:56:01 AM

Sample Name : 0803780-005A
Study : dl","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 10.00
Cycle : 8

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00235.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00235.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00235.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00235.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00235.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 108
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	67.1467	8.41	503	0.01007	0.02013	50000
TCX	16.7865	9.33	18037	0.00252	0.00503	7166746
	114.7550	9.67	860	0.01720	0.03441	50000
	91.7458	10.12	688	0.01375	0.02751	50000
	170.0456	10.47	1275	0.02549	0.05099	50000
	109.6883	10.54	822	0.01645	0.03289	50000
	707.3246	10.61	5302	0.10605	0.21209	50000
	1963.0031	10.79	14715	0.29430	0.58861	50000
	265.4740	10.93	1990	0.03980	0.07960	50000
	524.6171	11.14	3933	0.07865	0.15731	50000
	488.6742	11.32	3663	0.07326	0.14653	50000
AROCLOR-1242-1	1311.4060	11.55	32751	0.19661	0.39323	166575
	2233.1546	11.59	16740	0.33481	0.66961	50000
	397.8521	11.69	2982	0.05965	0.11930	50000
	147.4475	11.77	1105	0.02211	0.04421	50000
	602.1070	11.82	4514	0.09027	0.18054	50000
	3243.4889	12.03	24314	0.48628	0.97256	50000
	2831.0106	12.10	21222	0.42444	0.84888	50000
	216.1239	12.20	1620	0.03240	0.06480	50000
	1094.3487	12.34	8204	0.16407	0.32814	50000
	594.1126	12.40	4454	0.08907	0.17814	50000
AROCLOR-1242-2	888.7586	12.54	28309	0.13325	0.26649	212454
AROCLOR-1242-3	1732.3062	12.58	87133	0.25972	0.51943	335494

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3/28/2008 10:56:01 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00235.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	4444.9136	12.86	33320	0.66640	1.33281	50000
	388.3234	12.94	2911	0.05822	0.11644	50000
	3099.7786	13.08	23237	0.46473	0.92947	50000
	1605.5101	13.14	12035	0.24071	0.48141	50000
	7665.8248	13.29	57465	1.14930	2.29860	50000
	6075.5783	13.37	45544	0.91088	1.82176	50000
	4296.0657	13.45	32204	0.64409	1.28818	50000
AROCLOR-1242-4	2435.6582	13.84	68081	0.36517	0.73033	186438
	3012.0943	13.92	22579	0.45159	0.90318	50000
	1261.4977	13.96	9457	0.18913	0.37826	50000
	7913.7129	14.09	59323	1.18646	2.37293	50000
	1657.2309	14.13	12423	0.24846	0.49692	50000
	306.5120	14.26	2298	0.04595	0.09191	50000
	2210.9811	14.39	16574	0.33148	0.66296	50000
	3332.5178	14.48	24981	0.49963	0.99926	50000
AROCLOR-1254-1	1218.9883	14.62	53980	0.18276	0.36551	295363
AROCLOR-1242-5	3060.0266	14.70	104283	0.45877	0.91755	227308
	1447.2278	14.85	10849	0.21698	0.43395	50000
	2204.5804	14.96	16526	0.33052	0.66104	50000
AROCLOR-1254-2	1561.0347	15.08	74493	0.23404	0.46808	318294
	9984.0056	15.19	74843	1.49685	2.99370	50000
	2824.2827	15.25	21172	0.42343	0.84686	50000
	320.8083	15.35	2405	0.04810	0.09619	50000
	686.1483	15.52	5144	0.10287	0.20574	50000
	4422.0413	15.64	33149	0.66297	1.32595	50000
	643.9814	15.71	4827	0.09655	0.19310	50000
	8205.6763	15.76	61512	1.23024	2.46047	50000
	4085.7911	15.87	30628	0.61256	1.22512	50000
AROCLOR-1254-3	1669.3237	15.99	113100	0.25027	0.50055	451905
	1963.9035	16.06	14722	0.29444	0.58888	50000
	555.0997	16.16	4161	0.08322	0.16645	50000
	1166.3800	16.19	8743	0.17487	0.34974	50000
	609.2072	16.24	4567	0.09134	0.18267	50000
	2522.5202	16.32	18909	0.37819	0.75638	50000
	6153.4297	16.37	46128	0.92255	1.84511	50000
AROCLOR-1254-4	1634.4902	16.44	82056	0.24505	0.49010	334852
	2641.4329	16.65	19801	0.39602	0.79203	50000
AROCLOR-1254-5	1732.5105	16.78	60843	0.25975	0.51949	234239
	299.9222	16.88	2248	0.04497	0.08993	50000
	69.5767	16.97	522	0.01043	0.02086	50000
	4346.4860	17.06	32582	0.65165	1.30329	50000
	10765.0377	17.11	80697	1.61395	3.22790	50000
	197.0637	17.20	1477	0.02954	0.05909	50000
	1437.3319	17.26	10775	0.21549	0.43098	50000
	1172.3013	17.35	8788	0.17576	0.35151	50000
	3364.5334	17.43	25221	0.50443	1.00886	50000
	14539.6621	17.47	108993	2.17986	4.35972	50000
	327.5133	17.57	2455	0.04910	0.09820	50000
AROCLOR-1260-1	618.8883	17.64	28958	0.09279	0.18557	312089
	1506.5238	17.75	11293	0.22587	0.45173	50000
	97.4595	17.81	731	0.01461	0.02922	50000
	1031.5714	17.95	7733	0.15466	0.30932	50000
	122.0752	18.05	915	0.01830	0.03660	50000
	3915.5290	18.16	29352	0.58704	1.17407	50000
AROCLOR-1260-2	428.2438	18.21	22220	0.06420	0.12841	346075
	1354.6719	18.35	10155	0.20310	0.40620	50000
	98.3372	18.40	737	0.01474	0.02949	50000
	2847.9637	18.49	21349	0.42698	0.85396	50000
	586.6746	18.55	4398	0.08796	0.17591	50000
	689.3275	18.64	5167	0.10335	0.20669	50000
AROCLOR-1260-3	363.7821	18.69	43608	0.05454	0.10908	799560
	167.6942	18.83	1257	0.02514	0.05028	50000
	205.6868	18.93	1542	0.03084	0.06168	50000
	415.9620	19.04	3118	0.06236	0.12473	50000
	1334.2676	19.13	10002	0.20004	0.40008	50000
	117.5100	19.27	881	0.01762	0.03524	50000
AROCLOR-1260-4	464.3827	19.39	38131	0.06962	0.13925	547677

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3/28/2008 10:56:01 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00235.rst

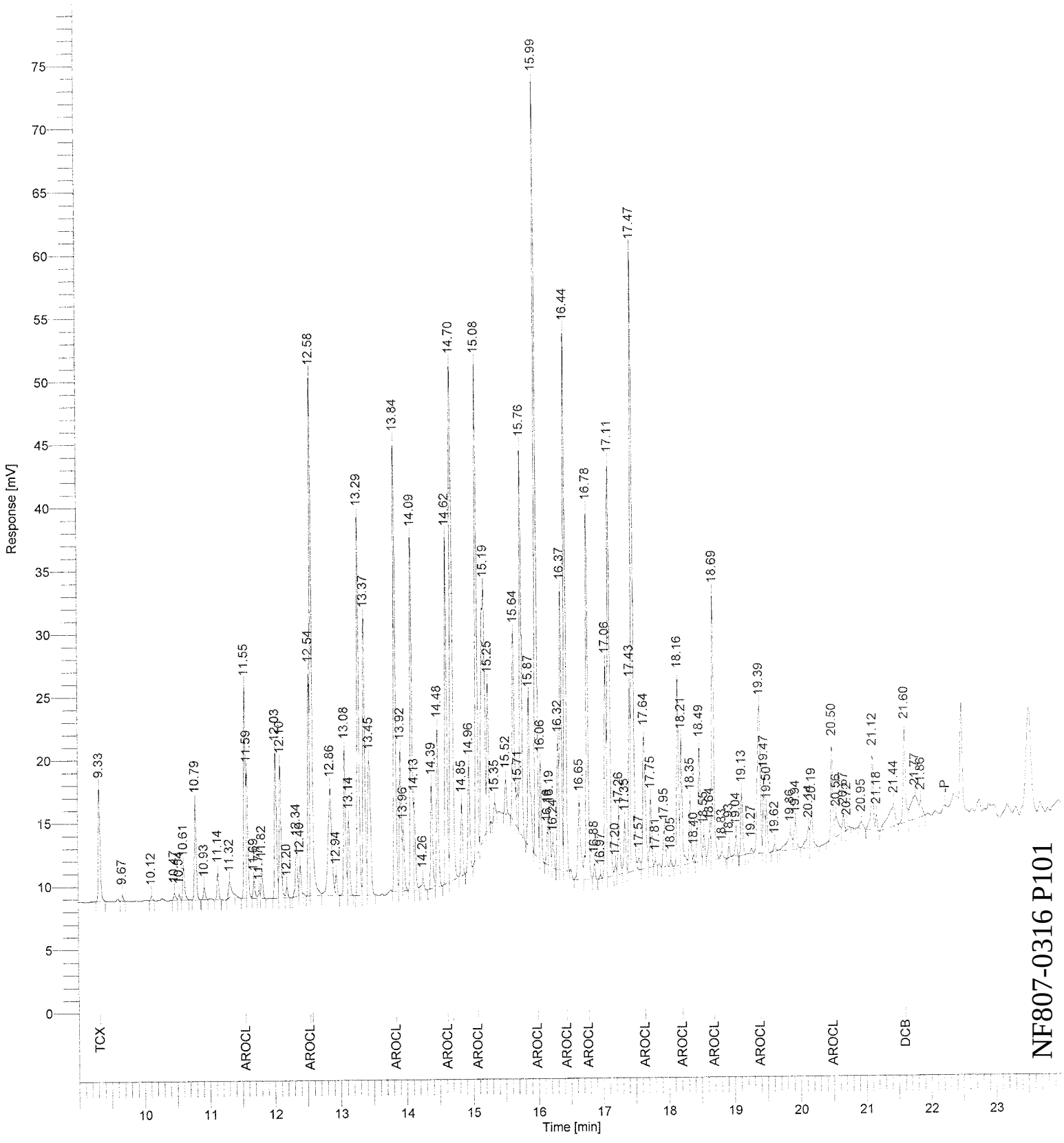
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	1571.0814	19.47	11777	0.23554	0.47109	50000
	794.4873	19.50	5956	0.11911	0.23823	50000
	173.6956	19.62	1302	0.02604	0.05208	50000
	1052.6163	19.86	7891	0.15781	0.31563	50000
	832.2068	19.94	6238	0.12477	0.24954	50000
	754.5352	20.14	5656	0.11312	0.22625	50000
	1086.7705	20.19	8147	0.16293	0.32587	50000
AROCLOR-1260-5	540.6736	20.50	15916	0.08106	0.16212	196353
	922.0468	20.56	6912	0.13824	0.27648	50000
	412.1968	20.67	3090	0.06180	0.12360	50000
	137.7071	20.72	1032	0.02065	0.04129	50000
	266.8196	20.95	2000	0.04000	0.08001	50000
	1868.7668	21.12	14009	0.28017	0.56035	50000
	332.3962	21.18	2492	0.04983	0.09967	50000
	1796.4045	21.44	13466	0.26933	0.53865	50000
DCB	19.9744	21.60	19127	0.00299	0.00599	6387099
	1904.8917	21.77	14280	0.28559	0.57118	50000
	548.7948	21.86	4114	0.08228	0.16456	50000
				29.79498	59.58996	23068521

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00235.TX0

NF807-0316 P100

Chromatogram

Sample Name : 0803780-005A Sample #: 000005
FileName : S:\GC\HP6890-2\2008\03-2008\2b00235.raw
Date : 3/28/2008 10:56:04 AM
Method : pest Time of Injection: 3/26/2008 5:49:18 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

EPA SAMPLE NO.

000006

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-006A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00218.raw

% Moisture: 0 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/25/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	33	UX
11104-28-2	Aroclor 1221	67	U
11141-16-5	Aroclor 1232	33	UX
53469-21-9	Aroclor 1242	2000	E
12672-29-6	Aroclor 1248	33	UX
11097-69-1	Aroclor 1254	1600	E
11096-82-5	Aroclor 1260	370	Y

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87835
Operator : manager
Sample Number : 000006
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 9:17:14 PM

Date : 4/3/2008 4:51:39 PM

Sample Name : 0803780-006A
Study : samp","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00218.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00218.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00218.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00218.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00218.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 137
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	9.7529	9.16	731	0.01462	0.02924	50000
	34.5774	9.29	2592	0.05184	0.10368	50000
	56.3163	9.37	4222	0.08443	0.16886	50000
TCX	12.6564	9.42	88033	0.01898	0.03795	4639369
	38.6661	9.68	2899	0.05797	0.11594	50000
	50.0248	9.92	3750	0.07500	0.15000	50000
	19.8955	10.08	1491	0.02983	0.05966	50000
	110.1219	10.31	8255	0.16510	0.33020	50000
	318.5137	10.40	23877	0.47753	0.95506	50000
	159.7327	10.44	11974	0.23948	0.47896	50000
	435.4622	10.71	32643	0.65287	1.30573	50000
	1296.8385	10.85	97214	1.94429	3.88857	50000
	608.6607	11.10	45627	0.91253	1.82507	50000
AROCLOR-1242-1	1317.4561	11.27	330018	1.97520	3.95039	167081
	132.4851	11.39	9931	0.19863	0.39726	50000
	768.3694	11.56	57599	1.15198	2.30396	50000
	2508.9994	11.70	188081	3.76162	7.52324	50000
	1550.8572	11.75	116256	2.32512	4.65025	50000
	502.6835	11.82	37682	0.75365	1.50730	50000
	18.5595	11.92	1391	0.02783	0.05565	50000
	11.3160	11.98	848	0.01697	0.03393	50000
	831.4335	12.18	62326	1.24653	2.49305	50000
AROCLOR-1242-2	1022.6050	12.30	239352	1.53314	3.06628	156118

NF807-0316 P103

4/3/2008 4:51:39 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00218.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
AROCLOR-1242-3	2120.9718	12.35	714695	3.17987	6.35974	224756
	762.8505	12.47	57185	1.14370	2.28741	50000
	319.9261	12.56	23982	0.47965	0.95930	50000
	1425.0636	12.64	106826	2.13653	4.27305	50000
	1432.8314	12.69	107409	2.14817	4.29635	50000
	2070.0773	12.78	155178	3.10356	6.20713	50000
	479.7369	12.95	35962	0.71925	1.43849	50000
	6727.7478	13.04	504329	10.08658	20.17316	50000
	4335.9125	13.10	325031	6.50062	13.00124	50000
	2741.1079	13.17	205480	4.10961	8.21921	50000
	307.7239	13.26	23068	0.46136	0.92271	50000
	23.8319	13.37	1787	0.03573	0.07146	50000
	41.5382	13.44	3114	0.06228	0.12455	50000
AROCLOR-1242-4	3161.2925	13.52	579526	4.73957	9.47914	122274
	2226.6797	13.58	166918	3.33835	6.67670	50000
	109.6262	13.63	8218	0.16436	0.32871	50000
	4788.7108	13.70	358974	7.17948	14.35895	50000
	3621.1132	13.79	271448	5.42896	10.85791	50000
	762.1093	13.85	57130	1.14259	2.28519	50000
	1615.6774	14.00	121115	2.42230	4.84461	50000
	115.0108	14.07	8621	0.17243	0.34486	50000
	481.9646	14.16	36129	0.72259	1.44517	50000
	2307.3347	14.23	172964	3.45927	6.91854	50000
AROCLOR-1254-1	1886.5959	14.32	481504	2.82848	5.65696	170234
AROCLOR-1242-5	2140.1359	14.40	412087	3.20860	6.41720	128432
	5620.3133	14.46	421313	8.42626	16.85251	50000
	201.4318	14.61	15100	0.30200	0.60399	50000
	1457.6983	14.75	109273	2.18545	4.37091	50000
	3902.8721	14.79	292569	5.85138	11.70276	50000
AROCLOR-1254-2	2329.6254	14.85	818639	3.49269	6.98538	234386
	3748.8657	14.93	281024	5.62049	11.24098	50000
	115.3744	15.01	8649	0.17298	0.34595	50000
	312.9474	15.10	23459	0.46919	0.93837	50000
	725.1131	15.22	54356	1.08713	2.17425	50000
	3661.5781	15.32	274481	5.48962	10.97924	50000
AROCLOR-1254-3	1942.9221	15.40	550738	2.91293	5.82585	189067
	2483.2055	15.49	186147	3.72295	7.44589	50000
AROCLOR-1254-4	2172.0554	15.65	1030213	3.25645	6.51291	316360
	1278.5443	15.73	95843	1.91686	3.83372	50000
	3434.4511	15.88	257455	5.14910	10.29820	50000
	203.6609	15.95	15267	0.30534	0.61068	50000
	4265.8142	16.01	319776	6.39552	12.79105	50000
	338.6174	16.06	25384	0.50767	1.01534	50000
	889.1610	16.10	66654	1.33307	2.66615	50000
AROCLOR-1254-5	1832.4323	16.20	683433	2.74727	5.49455	248768
	614.0228	16.31	46029	0.92057	1.84115	50000
	1328.0936	16.44	99557	1.99114	3.98229	50000
	8870.3876	16.56	664947	13.29893	26.59786	50000
	503.0951	16.64	37713	0.75427	1.50853	50000
	5638.1018	16.74	422646	8.45293	16.90585	50000
	2199.6373	16.80	164890	3.29781	6.59561	50000
	860.1553	16.90	64479	1.28959	2.57918	50000
	858.1580	16.99	64330	1.28659	2.57319	50000
	13467.9853	17.10	1009594	20.19188	40.38376	50000
	851.4975	17.27	63830	1.27661	2.55322	50000
AROCLOR-1260-1	357.6090	17.32	112313	0.53615	1.07229	209482
	881.9478	17.42	66113	1.32226	2.64452	50000
	311.0289	17.59	23316	0.46631	0.93262	50000
	2961.2337	17.66	221982	4.43963	8.87926	50000
	495.6764	17.74	37157	0.74314	1.48629	50000
AROCLOR-1260-2	395.1401	17.80	136785	0.59241	1.18483	230895
	729.3673	17.88	54675	1.09350	2.18701	50000
	595.3231	17.98	44627	0.89254	1.78508	50000
	65.4751	18.06	4908	0.09816	0.19633	50000
	1682.2438	18.15	126105	2.52210	5.04421	50000
	695.2667	18.22	52119	1.04238	2.08476	50000
	688.2412	18.28	51592	1.03185	2.06369	50000

NF807-0316 P104

4/3/2008 4:51:39 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00218.rst

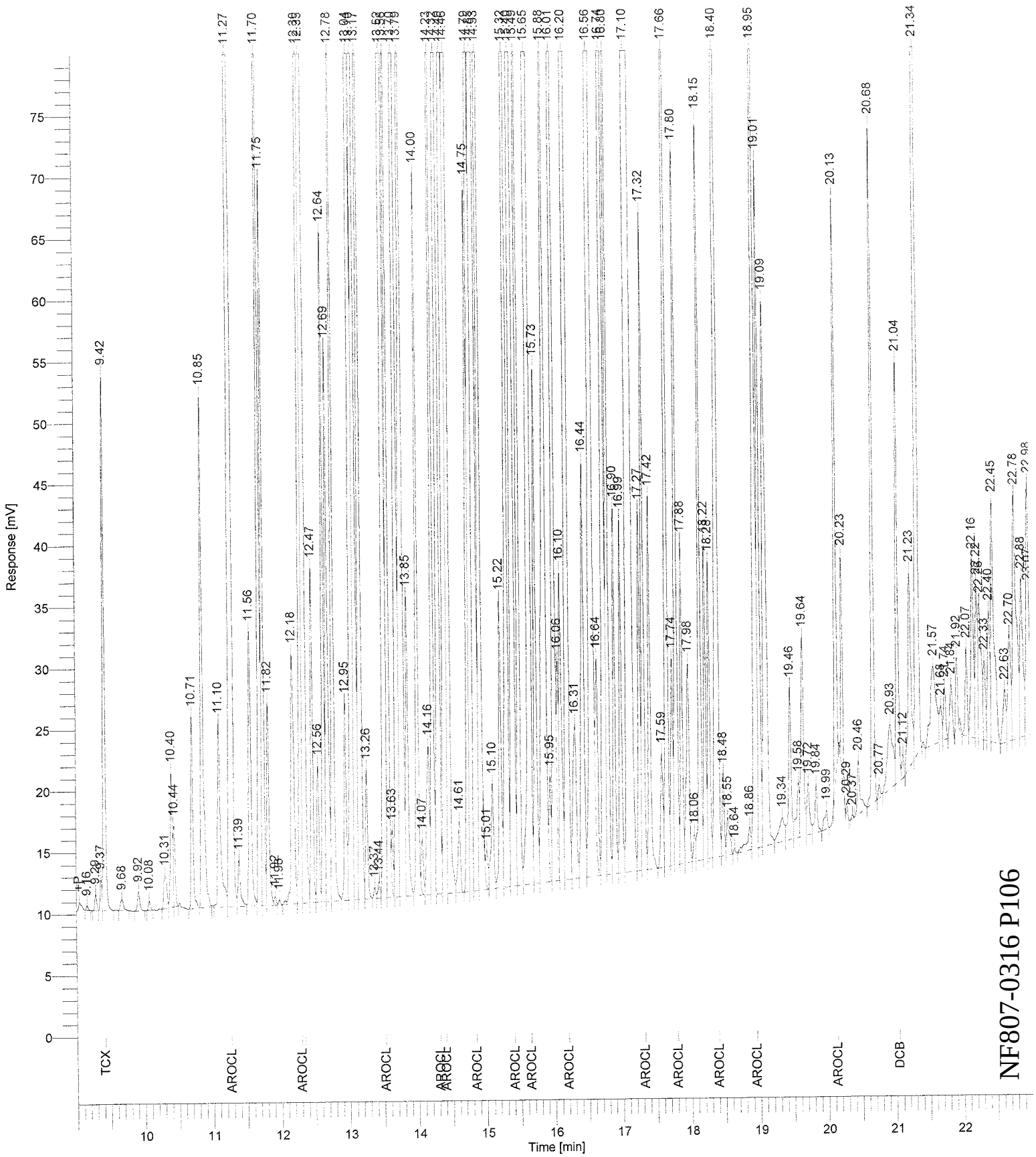
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
AROCLOR-1260-3	423.4109	18.40	338572	0.63480	1.26960	533353
	194.3812	18.48	14571	0.29143	0.58285	50000
	121.2402	18.55	9088	0.18177	0.36354	50000
	11.1184	18.64	833	0.01667	0.03334	50000
	112.4177	18.86	8427	0.16854	0.33708	50000
AROCLOR-1260-4	556.3582	18.95	232602	0.83412	1.66824	278859
	1568.0249	19.01	117543	2.35086	4.70172	50000
	2056.7382	19.09	154178	3.08357	6.16713	50000
	150.8875	19.34	11311	0.22622	0.45244	50000
	435.6901	19.46	32660	0.65321	1.30642	50000
	177.8537	19.58	13332	0.26665	0.53329	50000
	608.2618	19.64	45597	0.91194	1.82387	50000
	157.4768	19.72	11805	0.23610	0.47219	50000
	139.8835	19.84	10486	0.20972	0.41944	50000
	65.1218	19.99	4882	0.09763	0.19527	50000
AROCLOR-1260-5	418.1538	20.13	90289	0.62692	1.25383	144021
	439.0408	20.23	32912	0.65823	1.31646	50000
	16.6089	20.29	1245	0.02490	0.04980	50000
	6.7694	20.37	507	0.01015	0.02030	50000
	175.1041	20.46	13126	0.26252	0.52505	50000
	1541.2031	20.68	115532	2.31065	4.62130	50000
	30.6219	20.77	2295	0.04591	0.09182	50000
	410.3365	20.93	30760	0.61520	1.23039	50000
DCB	9.3615	21.04	72955	0.01404	0.02807	5197985
	46.8458	21.12	3512	0.07023	0.14047	50000
	634.9196	21.23	47595	0.95190	1.90381	50000
	3866.4159	21.34	289836	5.79673	11.59345	50000
	515.2365	21.57	38623	0.77247	1.54494	50000
	107.9912	21.68	8095	0.16191	0.32381	50000
	133.6499	21.74	10019	0.20037	0.40075	50000
	154.4578	21.84	11579	0.23157	0.46314	50000
	146.9466	21.92	11015	0.22031	0.44062	50000
	209.3518	22.07	15694	0.31387	0.62774	50000
	524.4250	22.16	39312	0.78624	1.57249	50000
	372.3730	22.22	27914	0.55828	1.11656	50000
	503.8279	22.26	37768	0.75536	1.51073	50000
	207.0760	22.33	15523	0.31046	0.62092	50000
	352.4518	22.40	26421	0.52841	1.05683	50000
	853.5485	22.45	63984	1.27968	2.55937	50000
	180.8968	22.63	13560	0.27121	0.54242	50000
	366.4492	22.70	27470	0.54940	1.09880	50000
	1023.8961	22.78	76754	1.53508	3.07015	50000
	518.5334	22.88	38871	0.77741	1.55482	50000
	770.1345	22.98	57731	1.15462	2.30925	50000
	601.9826	23.07	45126	0.90252	1.80505	50000
	443.9510	23.12	33280	0.66559	1.33119	50000
	523.8034	23.20	39266	0.78531	1.57062	50000
				249.88479	499.76958	19191442

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00218.TX0

NF807-0316 P105

Chromatogram

Sample Name : 0803780-006A Sample #: 000006
FileName : S:\GC\HP6890-2\2008\03-2008\2a00218.raw
Date : 4/3/2008 4:51:42 PM
Method : pest Time of Injection: 3/25/2008 9:17:14 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version	: 6.3.1.0504	Date	: 4/3/2008 4:51:45 PM
Reprocess Number	: I-21865: 87836		
Operator	: manager	Sample Name	: 0803780-006A
Sample Number	: 000006	Study	: samp","aspb5-8082_s
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: 6890-2	Channel	: B
Interface Serial #	: 9144290001	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 24.00 min
Sampling Rate	: 4.1660 pts/s		
Sample Volume	: 0.500000 ul		
Sample Amount	: 1.0000	Area Reject	: 5.000000
Data Acquisition Time	: 3/25/2008 9:17:14 PM	Dilution Factor	: 1.00
		Cycle	: 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00218.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00218.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00218.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00218.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00218.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold	: 25	Area Threshold	: 500
Bunch Factor	: 1	Multiplier	: 667.0000
Divisor	: 1.0000	Addend	: 0.0000

User1	: HP6890-2
User2	: Rtx-CLP2
User3	: 0.32
User4	:
User5	:
User6	:
User7	:
User8	:
User9	:
User10	:
Total number of peaks detected	: 141

Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	50.6226	8.41	3795	0.07590	0.15179	50000
	42.9555	8.71	3220	0.06440	0.12880	50000
	61.6519	8.84	4622	0.09243	0.18486	50000
TCX	12.8133	9.33	137675	0.01921	0.03842	7166746
	75.2964	9.61	5644	0.11289	0.22578	50000
	79.9608	9.67	5994	0.11988	0.23976	50000
	64.8952	10.00	4865	0.09729	0.19459	50000
	69.6414	10.12	5220	0.10441	0.20882	50000
	91.2168	10.27	6838	0.13676	0.27351	50000
	18.6925	10.41	1401	0.02802	0.05605	50000
	107.1689	10.47	8034	0.16067	0.32135	50000
	197.7777	10.54	14826	0.29652	0.59304	50000
	442.5453	10.61	33174	0.66349	1.32697	50000
	13.0458	10.71	978	0.01956	0.03912	50000
	1540.7810	10.79	115501	2.31002	4.62003	50000
	284.7699	10.92	21347	0.42694	0.85388	50000
	22.0946	11.00	1656	0.03313	0.06625	50000
	25.8926	11.04	1941	0.03882	0.07764	50000
	637.3218	11.13	47775	0.95551	1.91101	50000
	870.3029	11.29	65240	1.30480	2.60960	50000
	81.6138	11.41	6118	0.12236	0.24472	50000
AROCLOR-1242-1	1398.2840	11.55	349203	2.09638	4.19276	166575
	2030.8252	11.58	152236	3.04472	6.08943	50000

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4/3/2008 4:51:45 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00218.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	478.9362	11.69	35902	0.71805	1.43609	50000
	128.2971	11.77	9617	0.19235	0.38470	50000
	630.4876	11.81	47263	0.94526	1.89052	50000
	13.8406	11.92	1038	0.02075	0.04150	50000
	4288.0406	12.03	321442	6.42885	12.85769	50000
	2243.7543	12.10	168197	3.36395	6.72790	50000
	153.0338	12.20	11472	0.22944	0.45887	50000
	807.9408	12.34	60565	1.21131	2.42261	50000
	423.1687	12.40	31722	0.63444	1.26887	50000
	49.2386	12.45	3691	0.07382	0.14764	50000
AROCLOR-1242-2	938.2505	12.54	298854	1.40667	2.81334	212454
AROCLOR-1242-3	2113.7708	12.58	1063205	3.16907	6.33814	335494
	3472.0696	12.86	260275	5.20550	10.41100	50000
	365.1634	12.94	27374	0.54747	1.09494	50000
	2775.4312	13.08	208053	4.16107	8.32213	50000
	1635.5771	13.14	122607	2.45214	4.90428	50000
	9835.8466	13.29	737320	14.74640	29.49279	50000
	6816.2303	13.37	510962	10.21924	20.43847	50000
	4103.6909	13.45	307623	6.15246	12.30492	50000
	52.6930	13.63	3950	0.07900	0.15800	50000
	108.7631	13.76	8153	0.16306	0.32613	50000
AROCLOR-1242-4	3045.3662	13.84	851234	4.56577	9.13153	186438
	2941.6518	13.92	220514	4.41027	8.82055	50000
	1275.5064	13.96	95615	1.91230	3.82461	50000
	10128.4905	14.09	759257	15.18514	30.37029	50000
	852.2123	14.13	63884	1.27768	2.55536	50000
	121.5586	14.23	9112	0.18225	0.36449	50000
	183.9453	14.26	13789	0.27578	0.55156	50000
	2322.4054	14.39	174093	3.48187	6.96373	50000
	3067.1287	14.48	229920	4.59839	9.19679	50000
AROCLOR-1254-1	1291.9770	14.62	572118	1.93700	3.87399	295363
AROCLOR-1242-5	3578.6459	14.70	1219571	5.36529	10.73057	227308
	1768.3734	14.85	132562	2.65123	5.30247	50000
	2393.7438	14.96	179441	3.58882	7.17764	50000
AROCLOR-1254-2	1798.0200	15.08	858018	2.69568	5.39136	318294
	5745.6468	15.17	430708	8.61416	17.22833	50000
	5476.5047	15.19	410533	8.21065	16.42130	50000
	4590.2526	15.25	344097	6.88194	13.76388	50000
	2119.3307	15.35	158870	3.17741	6.35481	50000
	686.3243	15.47	51449	1.02897	2.05794	50000
	2084.0963	15.52	156229	3.12458	6.24916	50000
	5581.7119	15.64	418419	8.36838	16.73677	50000
	726.1090	15.71	54431	1.08862	2.17724	50000
	9634.7829	15.76	722248	14.44495	28.88990	50000
	3881.9739	15.87	291003	5.82005	11.64010	50000
	1039.1600	15.91	77898	1.55796	3.11592	50000
AROCLOR-1254-3	1979.2088	15.99	1340952	2.96733	5.93466	451905
	1965.1664	16.05	147314	2.94628	5.89255	50000
	688.8938	16.16	51641	1.03282	2.06565	50000
	1152.9842	16.19	86431	1.72861	3.45722	50000
	746.7515	16.24	55978	1.11957	2.23913	50000
	2832.2803	16.32	212315	4.24630	8.49259	50000
	5758.7724	16.37	431692	8.63384	17.26768	50000
AROCLOR-1254-4	1634.7244	16.43	820675	2.45086	4.90172	334852
	143.0419	16.51	10723	0.21446	0.42891	50000
	2029.8929	16.65	152166	3.04332	6.08664	50000
	265.1722	16.73	19878	0.39756	0.79512	50000
AROCLOR-1254-5	1444.3343	16.78	507225	2.16542	4.33084	234239
	199.1503	16.88	14929	0.29858	0.59715	50000
	114.9886	16.97	8620	0.17240	0.34479	50000
	4002.1948	17.06	300015	6.00029	12.00058	50000
	9979.3825	17.11	748080	14.96159	29.92319	50000
	447.7470	17.22	33564	0.67128	1.34257	50000
	1192.4369	17.26	89388	1.78776	3.57552	50000
	955.3602	17.35	71616	1.43232	2.86465	50000
	3268.8644	17.43	245042	4.90085	9.80169	50000
	14040.0324	17.47	1052476	21.04952	42.09905	50000

NF807-0316 P108

4/3/2008 4:51:45 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00218.rst

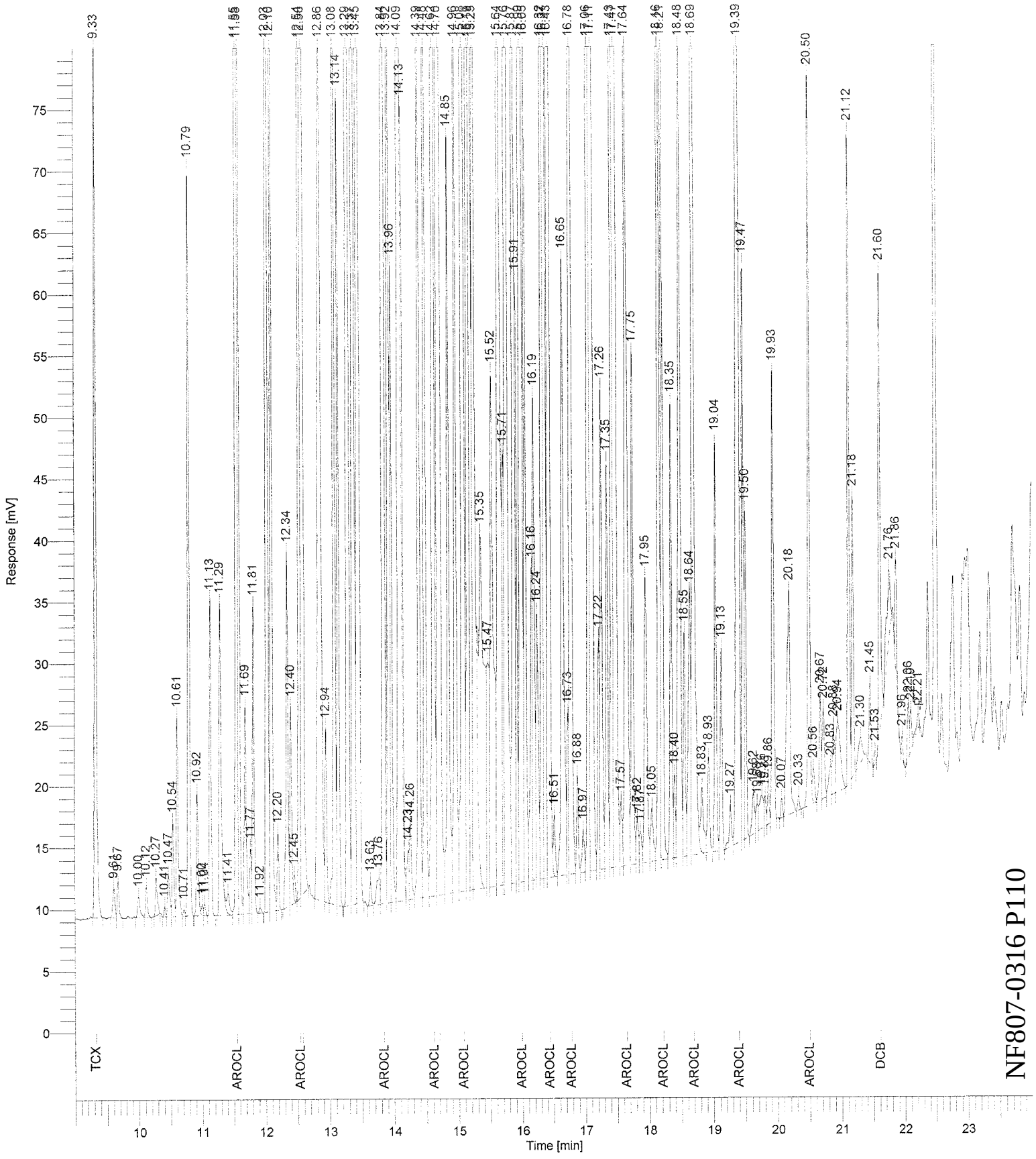
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	166.4251	17.57	12476	0.24951	0.49903	50000
AROCLOR-1260-1	473.1324	17.64	221379	0.70934	1.41869	312089
	1191.7484	17.75	89336	1.78673	3.57346	50000
	122.2496	17.82	9164	0.18328	0.36657	50000
	87.9393	17.87	6592	0.13184	0.26369	50000
	903.2868	17.95	67713	1.35425	2.70851	50000
	167.8478	18.05	12582	0.25165	0.50329	50000
	3509.9646	18.16	263116	5.26232	10.52463	50000
AROCLOR-1260-2	284.2023	18.21	147459	0.42609	0.85218	346075
	993.0088	18.35	74438	1.48877	2.97754	50000
	161.3287	18.40	12094	0.24187	0.48374	50000
	2506.2821	18.48	187877	3.75754	7.51509	50000
	525.3998	18.55	39385	0.78771	1.57541	50000
	731.5620	18.64	54840	1.09679	2.19359	50000
AROCLOR-1260-3	324.2025	18.69	388635	0.48606	0.97212	799560
	236.4483	18.83	17725	0.35450	0.70899	50000
	234.6043	18.93	17587	0.35173	0.70346	50000
	851.5103	19.04	63831	1.27663	2.55325	50000
	456.1982	19.13	34198	0.68396	1.36791	50000
	115.1871	19.27	8635	0.17269	0.34539	50000
AROCLOR-1260-4	395.8410	19.39	325027	0.59346	1.18693	547677
	1229.0263	19.47	92131	1.84262	3.68524	50000
	629.3770	19.50	47180	0.94359	1.88719	50000
	120.5119	19.62	9034	0.18068	0.36135	50000
	80.1225	19.68	6006	0.12012	0.24025	50000
	159.2808	19.76	11940	0.23880	0.47760	50000
	70.2729	19.81	5268	0.10536	0.21071	50000
	90.1417	19.86	6757	0.13514	0.27029	50000
	1086.5545	19.93	81451	1.62902	3.25803	50000
	40.3848	20.07	3027	0.06055	0.12109	50000
	897.8844	20.18	67308	1.34615	2.69231	50000
	31.8416	20.33	2387	0.04774	0.09548	50000
AROCLOR-1260-5	394.1894	20.50	116042	0.59099	1.18198	196353
	91.7624	20.56	6879	0.13757	0.27515	50000
	253.6248	20.67	19012	0.38025	0.76049	50000
	233.8812	20.72	17532	0.35065	0.70129	50000
	86.8709	20.83	6512	0.13024	0.26048	50000
	192.4692	20.88	14428	0.28856	0.57712	50000
	391.4755	20.94	29346	0.58692	1.17384	50000
	1332.4466	21.12	99884	1.99767	3.99534	50000
	562.3969	21.18	42159	0.84317	1.68635	50000
	122.4224	21.30	9177	0.18354	0.36708	50000
	189.8750	21.45	14234	0.28467	0.56934	50000
	23.9738	21.53	1797	0.03594	0.07189	50000
DCB	7.8124	21.60	74810	0.01171	0.02343	6387099
	311.3311	21.76	23338	0.46676	0.93353	50000
	210.0042	21.86	15742	0.31485	0.62970	50000
	37.6164	21.96	2820	0.05640	0.11279	50000
	119.8589	22.06	8985	0.17970	0.35940	50000
	93.1491	22.10	6983	0.13965	0.27931	50000
	53.7204	22.21	4027	0.08054	0.16108	50000
				306.46678	612.93356	24718521

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00218.TX0

NF807-0316 P109

Chromatogram

Sample Name : 0803780-006A Sample #: 000006 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00218.raw
Date : 4/3/2008 4:51:48 PM
Method : pest Time of Injection: 3/25/2008 9:17:14 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

EPA SAMPLE NO.

000006DL

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: 0803780-006ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00236.raw

% Moisture: 0 Decanted: (Y/N) N Date Received: 03/21/08

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/26/08

Injection Volume: 0.5 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: 6.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	330	UX
11104-28-2	Aroclor 1221	670	U
11141-16-5	Aroclor 1232	330	UX
53469-21-9	Aroclor 1242	2500	D
12672-29-6	Aroclor 1248	330	UX
11097-69-1	Aroclor 1254	2400	D
11096-82-5	Aroclor 1260	670	DPY

NF807-0316 P111

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 86535
Operator : manager
Sample Number : 000006
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 6:17:51 PM

Date : 3/28/2008 10:56:06 AM

Sample Name : 0803780-006A
Study : dl","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 10.00
Cycle : 9

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00236.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00236.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00236.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00236.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00236.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 111
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	15.4645	9.42	10756	0.00232	0.00464	4639369
	159.1362	10.31	1193	0.02386	0.04772	50000
	675.0944	10.41	5061	0.10121	0.20243	50000
	626.3427	10.71	4695	0.09390	0.18781	50000
	1671.6611	10.86	12531	0.25062	0.50125	50000
	413.8343	11.16	3102	0.06204	0.12409	50000
AROCLOR-1242-1	1733.7096	11.27	43429	0.25993	0.51985	167081
	180.6555	11.39	1354	0.02708	0.05417	50000
	1087.6684	11.56	8153	0.16307	0.32614	50000
	3184.8069	11.70	23874	0.47748	0.95496	50000
	2126.1454	11.75	15938	0.31876	0.63752	50000
	697.2090	11.83	5226	0.10453	0.20906	50000
	1159.4284	12.18	8691	0.17383	0.34765	50000
AROCLOR-1242-2	1272.7967	12.31	29791	0.19082	0.38165	156118
AROCLOR-1242-3	2576.3120	12.35	86813	0.38625	0.77251	224756
	1202.0432	12.47	9011	0.18022	0.36043	50000
	487.4003	12.56	3654	0.07307	0.14615	50000
	1978.4961	12.64	14831	0.29663	0.59325	50000
	2139.5546	12.69	16039	0.32077	0.64155	50000
	2816.7727	12.78	21115	0.42230	0.84461	50000
	723.5911	12.96	5424	0.10848	0.21697	50000
	8819.9379	13.05	66116	1.32233	2.64466	50000
	5879.1759	13.10	44072	0.88144	1.76287	50000

NF807-0316 P112

3/28/2008 10:56:06 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00236.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	3967.8249	13.17	29744	0.59488	1.18975	50000
	471.9144	13.27	3538	0.07075	0.14150	50000
AROCLOR-1242-4	4031.2444	13.52	73901	0.60438	1.20877	122274
	2974.9922	13.58	22301	0.44603	0.89205	50000
	6020.7405	13.70	45133	0.90266	1.80532	50000
	4916.4420	13.79	36855	0.73710	1.47420	50000
	1086.0924	13.86	8142	0.16283	0.32566	50000
	2321.2854	14.01	17401	0.34802	0.69604	50000
	169.7592	14.07	1273	0.02545	0.05090	50000
	698.7899	14.17	5238	0.10477	0.20953	50000
	3343.6313	14.23	25065	0.50129	1.00259	50000
AROCLOR-1254-1	2623.0012	14.32	66945	0.39325	0.78651	170234
AROCLOR-1242-5	2957.5009	14.40	56947	0.44340	0.88681	128432
	7844.9663	14.46	58808	1.17616	2.35231	50000
	375.4421	14.62	2814	0.05629	0.11258	50000
	2231.0141	14.75	16724	0.33448	0.66897	50000
	5390.8122	14.79	40411	0.80822	1.61644	50000
AROCLOR-1254-2	3107.1220	14.85	109185	0.46584	0.93167	234386
	5363.9605	14.93	40210	0.80419	1.60838	50000
	339.7914	15.10	2547	0.05094	0.10189	50000
	1109.1583	15.22	8315	0.16629	0.33258	50000
	5404.6807	15.32	40515	0.81030	1.62059	50000
AROCLOR-1254-3	2653.9454	15.41	75228	0.39789	0.79579	189067
	3560.3716	15.49	26689	0.53379	1.06758	50000
AROCLOR-1254-4	2833.4508	15.65	134392	0.42481	0.84961	316360
	2017.6001	15.73	15124	0.30249	0.60498	50000
	5089.1023	15.88	38149	0.76298	1.52597	50000
	253.5280	15.95	1901	0.03801	0.07602	50000
	6097.1118	16.01	45705	0.91411	1.82822	50000
	487.3840	16.06	3654	0.07307	0.14614	50000
	1226.8020	16.10	9196	0.18393	0.36786	50000
AROCLOR-1254-5	2486.9521	16.20	92755	0.37286	0.74571	248768
	892.5280	16.32	6691	0.13381	0.26762	50000
	2240.5946	16.44	16796	0.33592	0.67184	50000
	12806.9399	16.56	96004	1.92008	3.84016	50000
	853.1839	16.64	6396	0.12791	0.25583	50000
	7632.0249	16.74	57212	1.14423	2.28846	50000
	3410.1292	16.80	25563	0.51126	1.02253	50000
	1758.6641	16.90	13183	0.26367	0.52734	50000
	1846.1463	17.00	13839	0.27678	0.55357	50000
	18759.4355	17.11	140625	2.81251	5.62502	50000
	1371.6286	17.27	10282	0.20564	0.41128	50000
AROCLOR-1260-1	598.6625	17.33	18802	0.08975	0.17951	209482
	1838.6419	17.42	13783	0.27566	0.55132	50000
	813.8818	17.59	6101	0.12202	0.24404	50000
	4851.5018	17.67	36368	0.72736	1.45472	50000
	1394.2905	17.75	10452	0.20904	0.41808	50000
AROCLOR-1260-2	851.0808	17.80	29462	0.12760	0.25520	230895
	1439.5436	17.89	10791	0.21582	0.43165	50000
	973.7246	17.98	7299	0.14599	0.29197	50000
	2545.5325	18.15	19082	0.38164	0.76328	50000
	970.5387	18.22	7275	0.14551	0.29102	50000
	1009.5805	18.28	7568	0.15136	0.30272	50000
AROCLOR-1260-3	587.1035	18.40	46947	0.08802	0.17604	533353
	250.6437	18.48	1879	0.03758	0.07516	50000
	106.6244	18.55	799	0.01599	0.03197	50000
	232.4116	18.87	1742	0.03484	0.06969	50000
AROCLOR-1260-4	732.5516	18.95	30627	0.10983	0.21966	278859
	2060.5129	19.01	15446	0.30892	0.61784	50000
	2501.6727	19.09	18753	0.37506	0.75013	50000
	870.0707	19.46	6522	0.13045	0.26089	50000
	1300.4157	19.53	9748	0.19496	0.38993	50000
	1157.9820	19.64	8681	0.17361	0.34722	50000
	454.8908	19.72	3410	0.06820	0.13640	50000
	429.7817	19.84	3222	0.06444	0.12887	50000
AROCLOR-1260-5	2330.8443	20.13	50329	0.34945	0.69890	144021
	1174.9601	20.22	8808	0.17616	0.35231	50000

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3/28/2008 10:56:06 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00236.rst

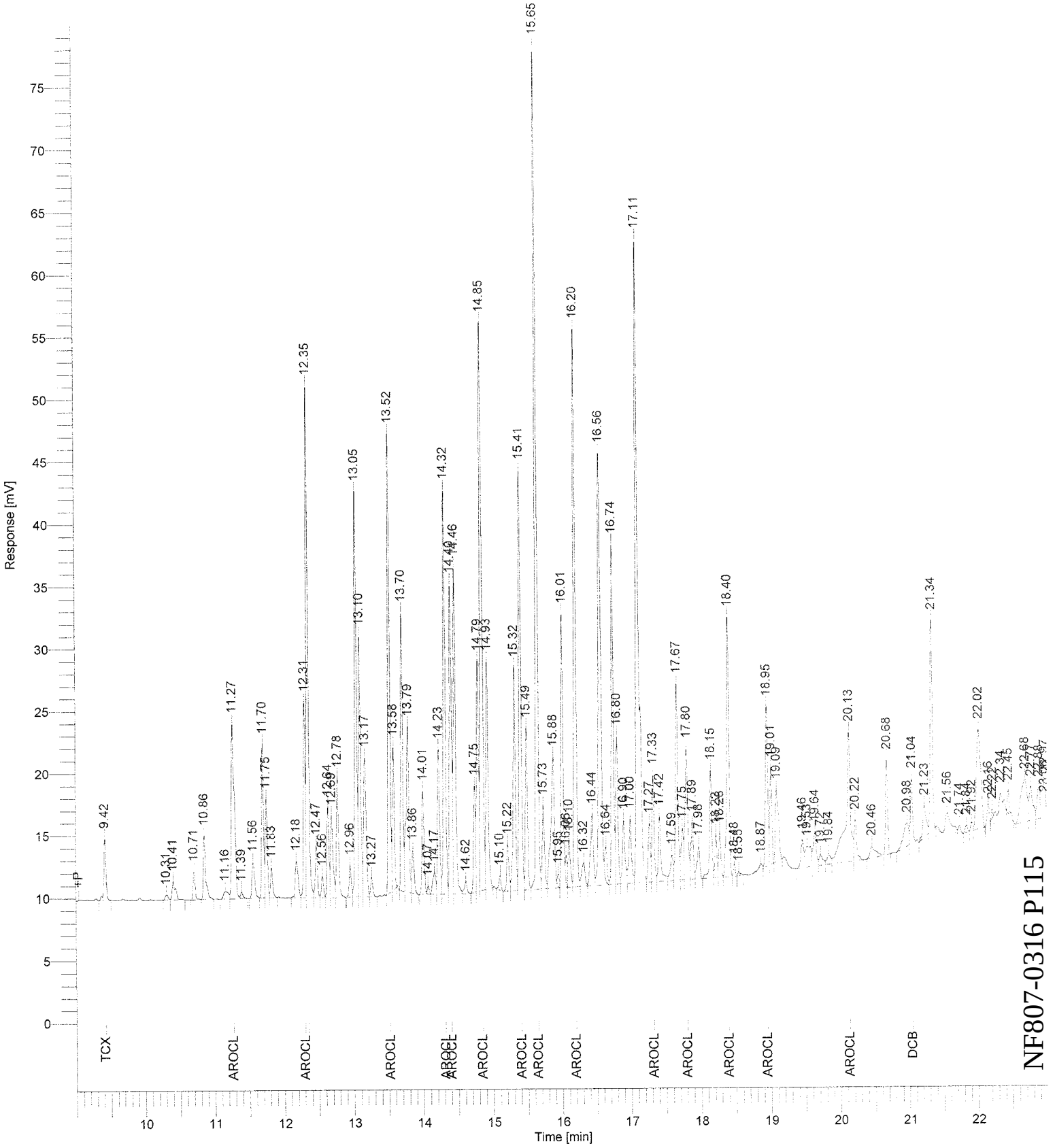
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	744.0737	20.46	5578	0.11156	0.22311	50000
	2097.8232	20.68	15726	0.31452	0.62903	50000
	1351.8285	20.98	10134	0.20267	0.40535	50000
DCB	14.9010	21.04	11612	0.00223	0.00447	5197985
	1153.8726	21.23	8650	0.17299	0.34599	50000
	4776.4772	21.34	35806	0.71611	1.43223	50000
	1271.6827	21.56	9533	0.19066	0.38131	50000
	218.4256	21.74	1637	0.03275	0.06549	50000
	207.6037	21.84	1556	0.03112	0.06225	50000
	194.5916	21.92	1459	0.02917	0.05835	50000
	4715.3834	22.02	35348	0.70695	1.41391	50000
	433.9296	22.16	3253	0.06506	0.13011	50000
	145.0752	22.22	1088	0.02175	0.04350	50000
	334.8175	22.34	2510	0.05020	0.10040	50000
	588.6146	22.45	4412	0.08825	0.17650	50000
	2874.3982	22.68	21547	0.43094	0.86189	50000
	1383.9582	22.77	10374	0.20749	0.41498	50000
	977.4054	22.88	7327	0.14654	0.29308	50000
	1640.3566	22.97	12297	0.24593	0.49186	50000
	312.4906	23.06	2343	0.04685	0.09370	50000
	590.1702	23.20	4424	0.08848	0.17696	50000
				36.60573	73.21147	17891442

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00236.TX0

NF807-0316 P114

Chromatogram

Sample Name : 0803780-006A Sample #: 000006
FileName : S:\GC\HP6890-2\2008\03-2008\2a00236.raw
Date : 3/28/2008 10:56:09 AM
Method : pest Time of Injection: 3/26/2008 6:17:51 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 86536
Operator : manager
Sample Number : 000006
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 6:17:51 PM

Date : 3/28/2008 10:56:11 AM

Sample Name : 0803780-006A
Study : dl","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 10.00
Cycle : 9

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00236.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00236.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00236.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00236.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\6064254b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00236.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 112
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	15.7284	9.33	16900	0.00236	0.00472	7166746
	94.4892	9.61	708	0.01417	0.02833	50000
	95.3639	9.68	715	0.01430	0.02859	50000
	78.9486	10.12	592	0.01184	0.02367	50000
	84.4425	10.28	633	0.01266	0.02532	50000
	151.4545	10.47	1135	0.02271	0.04541	50000
	290.1060	10.54	2175	0.04349	0.08699	50000
	646.0101	10.61	4843	0.09685	0.19371	50000
	2131.9035	10.80	15981	0.31963	0.63925	50000
	408.0852	10.93	3059	0.06118	0.12236	50000
	1005.9461	11.14	7541	0.15082	0.30163	50000
	595.9074	11.32	4467	0.08934	0.17868	50000
AROCLOR-1242-1	1833.6706	11.55	45794	0.27491	0.54983	166575
	2896.6920	11.59	21714	0.43429	0.86857	50000
	732.7467	11.69	5493	0.10986	0.21971	50000
	199.0661	11.77	1492	0.02984	0.05969	50000
	1010.4788	11.82	7575	0.15150	0.30299	50000
	5841.4815	12.03	43789	0.87578	1.75157	50000
	3464.2212	12.10	25969	0.51937	1.03875	50000
	243.6233	12.20	1826	0.03653	0.07305	50000
	1218.1635	12.35	9132	0.18263	0.36527	50000
	564.2261	12.40	4230	0.08459	0.16918	50000
AROCLOR-1242-2	1261.6365	12.54	40186	0.18915	0.37830	212454

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3/28/2008 10:56:11 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00236.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
AROCLOR-1242-3	2837.1471	12.58	142706	0.42536	0.85072	335494
	5607.7113	12.86	42037	0.84074	1.68147	50000
	734.4380	12.95	5506	0.11011	0.22022	50000
	4092.5424	13.08	30679	0.61357	1.22715	50000
	2814.0647	13.14	21095	0.42190	0.84380	50000
	13929.7309	13.29	104421	2.08842	4.17683	50000
	9961.8758	13.37	74677	1.49353	2.98707	50000
	6432.3922	13.45	48219	0.96438	1.92875	50000
	76.9169	13.64	577	0.01153	0.02306	50000
AROCLOR-1242-4	4361.2239	13.84	121904	0.65386	1.30771	186438
	4862.9786	13.92	36454	0.72908	1.45816	50000
	2181.7231	13.96	16355	0.32709	0.65419	50000
	16063.5955	14.09	120417	2.40834	4.81667	50000
	487.6054	14.26	3655	0.07310	0.14621	50000
	3647.5053	14.40	27343	0.54685	1.09370	50000
	4747.7715	14.49	35590	0.71181	1.42362	50000
AROCLOR-1254-1	1877.6596	14.62	83147	0.28151	0.56302	295363
AROCLOR-1242-5	5247.1345	14.70	178818	0.78668	1.57335	227308
	2504.3455	14.85	18773	0.37546	0.75093	50000
	3395.0707	14.96	25450	0.50901	1.01801	50000
AROCLOR-1254-2	2559.9944	15.08	122163	0.38381	0.76761	318294
	15637.9343	15.19	117226	2.34452	4.68904	50000
	5859.6756	15.25	43926	0.87851	1.75702	50000
	635.1885	15.36	4762	0.09523	0.19046	50000
	1169.5147	15.53	8767	0.17534	0.35068	50000
	6975.0072	15.64	52286	1.04573	2.09146	50000
	747.9968	15.71	5607	0.11214	0.22429	50000
	13263.3708	15.76	99426	1.98851	3.97702	50000
	3301.8819	15.88	24752	0.49503	0.99007	50000
AROCLOR-1254-3	2830.3813	15.99	191764	0.42435	0.84869	451905
	2939.1897	16.06	22033	0.44066	0.88132	50000
	786.9620	16.16	5899	0.11799	0.23597	50000
	1803.8159	16.19	13522	0.27044	0.54087	50000
	1003.4913	16.24	7522	0.15045	0.30090	50000
	4176.8440	16.33	31311	0.62621	1.25243	50000
	9190.3150	16.37	68893	1.37786	2.75572	50000
AROCLOR-1254-4	2456.2766	16.44	123312	0.36826	0.73651	334852
	126.4109	16.52	948	0.01895	0.03790	50000
	3664.1664	16.65	27468	0.54935	1.09870	50000
AROCLOR-1254-5	2458.7253	16.78	86346	0.36862	0.73725	234239
	300.7725	16.88	2255	0.04509	0.09019	50000
	144.2765	16.97	1082	0.02163	0.04326	50000
	6586.0150	17.06	49370	0.98741	1.97482	50000
	15445.4520	17.11	115783	2.31566	4.63132	50000
	852.7975	17.22	6393	0.12786	0.25571	50000
	2042.3903	17.26	15310	0.30621	0.61241	50000
	1595.3460	17.35	11959	0.23918	0.47836	50000
	5174.2447	17.43	38787	0.77575	1.55150	50000
	21578.8503	17.47	161760	3.23521	6.47042	50000
	428.9696	17.57	3216	0.06431	0.12863	50000
AROCLOR-1260-1	844.1305	17.65	39497	0.12656	0.25311	312089
	2035.4404	17.75	15258	0.30516	0.61033	50000
	99.0428	17.82	742	0.01485	0.02970	50000
	1456.8556	17.95	10921	0.21842	0.43684	50000
	125.9575	18.05	944	0.01888	0.03777	50000
	5884.7593	18.16	44114	0.88227	1.76455	50000
AROCLOR-1260-2	638.4866	18.21	33128	0.09573	0.19145	346075
	1873.9736	18.35	14048	0.28096	0.56191	50000
	197.9684	18.40	1484	0.02968	0.05936	50000
	3982.8648	18.49	29857	0.59713	1.19426	50000
	924.3563	18.55	6929	0.13858	0.27717	50000
	1268.5654	18.64	9509	0.19019	0.38038	50000
AROCLOR-1260-3	501.1606	18.69	60076	0.07514	0.15027	799560
	177.9624	18.83	1334	0.02668	0.05336	50000
	317.4151	18.93	2379	0.04759	0.09518	50000
	1344.1922	19.04	10076	0.20153	0.40306	50000
	761.7034	19.13	5710	0.11420	0.22840	50000

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3/28/2008 10:56:11 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00236.rst

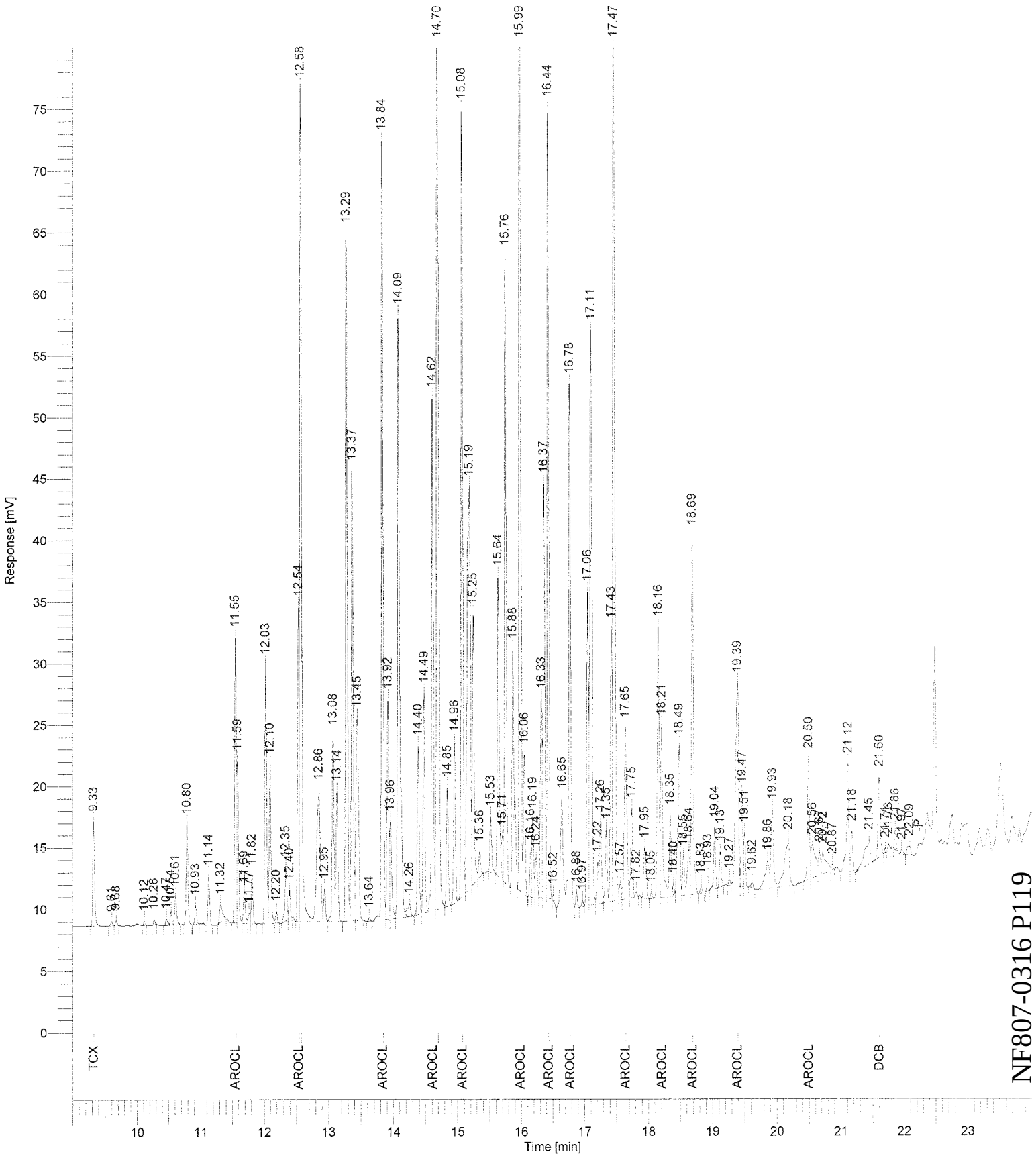
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	137.4165	19.27	1030	0.02060	0.04120	50000
AROCLOR-1260-4	648.8780	19.39	53280	0.09728	0.19457	547677
	2011.5918	19.47	15079	0.30159	0.60318	50000
	1051.4515	19.51	7882	0.15764	0.31528	50000
	142.3841	19.62	1067	0.02135	0.04269	50000
	1355.5762	19.86	10162	0.20323	0.40647	50000
	2396.5177	19.93	17965	0.35930	0.71860	50000
	2758.4460	20.18	20678	0.41356	0.82712	50000
AROCLOR-1260-5	737.7368	20.50	21718	0.11061	0.22121	196353
	1737.1333	20.56	13022	0.26044	0.52088	50000
	647.9868	20.67	4857	0.09715	0.19430	50000
	1150.3759	20.72	8624	0.17247	0.34494	50000
	128.1443	20.87	961	0.01921	0.03842	50000
	2955.8447	21.12	22158	0.44316	0.88631	50000
	894.1426	21.18	6703	0.13405	0.26811	50000
	1732.4147	21.45	12987	0.25973	0.51946	50000
DCB	16.1691	21.60	15483	0.00242	0.00485	6387099
	95.0839	21.71	713	0.01426	0.02851	50000
	128.9104	21.76	966	0.01933	0.03865	50000
	402.7296	21.86	3019	0.06038	0.12076	50000
	149.2779	21.97	1119	0.02238	0.04476	50000
	386.4625	22.09	2897	0.05794	0.11588	50000
				45.06201	90.12402	23268521

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00236.TX0

NF807-0316 P118

Chromatogram

Sample Name : 0803780-006A Sample #: 000006 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00236.raw
Date : 3/28/2008 10:56:14 AM
Method : pest Time of Injection: 3/26/2008 6:17:51 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



III. STANDARD DATA PACKAGE FOR PESTICIDES/PCBs

A. INITIAL CALIBRATION OF SINGLE COMP. ANALYTES (VI-I)
B. INITIAL CALIBRATIONS OF SINGE COMP. ANALYTES (VI-2)
C. INITIAL CALIBRATION OF MULTI-COMP. ANALYTES (VI-3)
D. RESOLUTION SUMMARY (VI-4)
E. MULTI-LEVEL INITIAL CALIBRATIONS OF MULTI-COMP. ANALYTES (VI-5) (OPTIONAL)
F. CALIBRATION VERIFICATION SUMMARY FOR PERFORMANCE EVALUATION MIX (VII-1)
G. CALIBRATION VERIFICATION SUMMARY FOR INDIVIDUAL STANDARDS (VII-2)
H. CALIBRATION VERIFICATION SUMMARY FOR MULTICOMP. ANALYTES (VII-3) {OPTIONAL}
I. ANALYTICAL SEQUENCE (VIII)
J. FLORISIL CARTRIDGE CHECK (IX-1)
K. GPC CALIBRATION CHECK (IF NEEDED) (IX-2)
L. IDENTIFICATION SUMMARY FOR SINGLE COMP. ANALYTES (X-2)
M. IDENTIFICATION SUMMARY FOR MULTI-COMP. ANALYTES (X-2)
N. CHROMATOGRAMS COLUMN RTX-CLP
O. CHROMATOGRAMS COLUMN RTX-CLP2
P. FLORISIL CHECK CHROMATOGRAM
Q. GPC COLUMN CALIBRATION (IF NEEDED)
R. GPC UV CALIBRATION (IF NEEDED)
S. SPECTRA OR EIPs FOR GC/MS CONFIRMATION (IF NEEDED)

Form 6

PCB IN SOIL INITIAL CALIBRATION DATA

Lab Name: H2M LABS, INC. Contract: H2M LABS, INC.

Lab Code: 10478 Case No.: NF807 SAS No.: SDG No.: NF807-0316

Instrument ID: HP6890-2 Calibration Dates: 3/13/2008 3/13/2008

Heated Purge: (Y/N) N Calibration Times: 10:15 15:30

GC Column: CLP ID: .32 (mm)

LAB FILE ID: AR166001 2a00093.raw AR166002 2a00094.raw AR166003 2a00095.raw AR166004 2a00096.raw AR166005 2a00097.raw AR166006 2a00098.raw

COMPOUND	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1221 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1232 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1242 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1248 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1254 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1260 *	0	0	0	0	0	0	0.00	-0.07	0.07
AROCLOR-1016-1 *	11.27	11.26	11.26	11.26	11.26	11.26	11.26	11.19	11.33
AROCLOR-1016-2 *	12.30	12.30	12.30	12.30	12.30	12.30	12.30	12.23	12.37
AROCLOR-1016-3 *	12.35	12.35	12.35	12.35	12.35	12.35	12.35	12.28	12.42
AROCLOR-1016-4 *	12.64	12.64	12.64	12.64	12.64	12.63	12.64	12.57	12.71
AROCLOR-1016-5 *	13.52	13.52	13.52	13.52	13.52	13.52	13.52	13.45	13.59
AROCLOR-1221-1 *	0	0	09.92	0	0	0	9.92	9.85	9.99
AROCLOR-1221-2 *	0	0	10.30	0	0	0	10.30	10.23	10.37
AROCLOR-1221-3 *	0	0	10.40	0	0	0	10.40	10.33	10.47
AROCLOR-1232-1 *	0	0	11.26	0	0	0	11.26	11.19	11.33
AROCLOR-1232-2 *	0	0	12.30	0	0	0	12.30	12.23	12.37
AROCLOR-1232-3 *	0	0	12.35	0	0	0	12.35	12.28	12.42
AROCLOR-1232-4 *	0	0	13.04	0	0	0	13.04	12.97	13.11
AROCLOR-1232-5 *	0	0	13.52	0	0	0	13.52	13.45	13.59
AROCLOR-1242-1 *	0	0	11.26	0	0	0	11.26	11.19	11.33
AROCLOR-1242-2 *	0	0	12.30	0	0	0	12.30	12.23	12.37

Form 6

PCB IN SOIL INITIAL CALIBRATION DATA

Lab Name: H2M LABS, INC. Contract: H2M LABS, INC.

Lab Code: 10478 Case No.: NF807 SAS No.: SDG No.: NF807-0316

Instrument ID: HP6890-2 Calibration Dates: 3/13/2008 3/13/2008

Heated Purge: (Y/N) N Calibration Times: 10:15 15:30

GC Column: CLP ID: .32 (mm)

LAB FILE ID: AR166001 2a00093.raw AR166002 2a00094.raw AR166003 2a00095.raw AR166004 2a00096.raw AR166005 2a00097.raw AR166006 2a00098.raw

COMPOUND	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	MEAN RT	RT WINDOW FROM	RT WINDOW TO
AROCLOR-1242-3 *	0	0	12.35	0	0	0	12.35	12.28	12.42
AROCLOR-1242-4 *	0	0	13.52	0	0	0	13.52	13.45	13.59
AROCLOR-1242-5 *	0	0	14.40	0	0	0	14.40	14.33	14.47
AROCLOR-1248-1 *	0	0	12.35	0	0	0	12.35	12.28	12.42
AROCLOR-1248-2 *	0	0	13.04	0	0	0	13.04	12.97	13.11
AROCLOR-1248-3 *	0	0	14.40	0	0	0	14.40	14.33	14.47
AROCLOR-1248-4 *	0	0	14.85	0	0	0	14.85	14.78	14.92
AROCLOR-1248-5 *	0	0	15.64	0	0	0	15.64	15.57	15.71
AROCLOR-1254-1 *	0	0	14.31	0	0	0	14.31	14.24	14.38
AROCLOR-1254-2 *	0	0	14.84	0	0	0	14.84	14.77	14.91
AROCLOR-1254-3 *	0	0	15.40	0	0	0	15.40	15.33	15.47
AROCLOR-1254-4 *	0	0	15.64	0	0	0	15.64	15.57	15.71
AROCLOR-1254-5 *	0	0	16.19	0	0	0	16.19	16.12	16.26
AROCLOR-1260-1 *	17.32	17.32	17.32	17.32	17.32	17.32	17.32	17.25	17.39
AROCLOR-1260-2 *	17.80	17.80	17.80	17.80	17.80	17.80	17.80	17.73	17.87
AROCLOR-1260-3 *	18.40	18.39	18.39	18.39	18.39	18.39	18.39	18.32	18.46
AROCLOR-1260-4 *	18.94	18.94	18.94	18.94	18.94	18.94	18.94	18.87	19.01
AROCLOR-1260-5 *	20.13	20.13	20.12	20.12	20.12	20.12	20.12	20.05	20.19
Tetrachloro-m-xylene *	09.42	09.42	09.42	09.42	09.42	09.42	9.42	9.37	9.47
Decachlorobiphenyl *	21.04	21.03	21.03	21.03	21.03	21.03	21.03	20.93	21.13

Form 6

PCB IN SOIL INITIAL CALIBRATION DATA

Lab Name: H2M LABS, INC. Contract: H2M LABS, INC.

Lab Code: 10478 Case No.: NF807 SAS No.: SDG No.: NF807-0316

Instrument ID: HP6890-2 Calibration Dates: 3/13/2008 3/13/2008

Heated Purge: (Y/N) N Calibration Times: 10:15 15:30

GC Column: CLP2 ID: .32 (mm)

LAB FILE ID: AR166001 2b00093.raw AR166002 2b00094.raw AR166003 2b00095.raw AR166004 2b00096.raw AR166005 2b00097.raw AR166006 2b00098.raw

COMPOUND	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1221 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1232 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1242 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1248 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1254 *	0	0	0	0	0	0	0.00	-0.07	0.07
Aroclor 1260 *	0	0	0	0	0	0	0.00	-0.07	0.07
AROCLOR-1016-1 *	10.60	10.61	10.61	10.61	10.61	10.61	10.61	10.54	10.68
AROCLOR-1016-2 *	12.53	12.53	12.53	12.53	12.53	12.53	12.53	12.46	12.60
AROCLOR-1016-3 *	12.57	12.57	12.57	12.57	12.57	12.57	12.57	12.50	12.64
AROCLOR-1016-4 *	13.36	13.37	13.37	13.37	13.37	13.37	13.37	13.30	13.44
AROCLOR-1016-5 *	13.83	13.83	13.83	13.83	13.83	13.83	13.83	13.76	13.90
AROCLOR-1221-1 *	0	0	10.11	0	0	0	10.11	10.04	10.18
AROCLOR-1221-2 *	0	0	10.46	0	0	0	10.46	10.39	10.53
AROCLOR-1221-3 *	0	0	10.61	0	0	0	10.61	10.54	10.68
AROCLOR-1232-1 *	0	0	10.61	0	0	0	10.61	10.54	10.68
AROCLOR-1232-2 *	0	0	12.53	0	0	0	12.53	12.46	12.60
AROCLOR-1232-3 *	0	0	12.57	0	0	0	12.57	12.50	12.64
AROCLOR-1232-4 *	0	0	13.28	0	0	0	13.28	13.21	13.35
AROCLOR-1232-5 *	0	0	13.84	0	0	0	13.84	13.77	13.91
AROCLOR-1242-1 *	0	0	11.55	0	0	0	11.55	11.48	11.62
AROCLOR-1242-2 *	0	0	12.53	0	0	0	12.53	12.46	12.60

Form 6

PCB IN SOIL INITIAL CALIBRATION DATA

Lab Name: H2M LABS, INC. Contract: H2M LABS, INC.

Lab Code: 10478 Case No.: NF807 SAS No.: SDG No.: NF807-0316

Instrument ID: HP6890-2 Calibration Dates: 3/13/2008 3/13/2008

Heated Purge: (Y/N) N Calibration Times: 10:15 15:30

GC Column: CLP2 ID: .32 (mm)

LAB FILE ID: AR166001 2b00093.raw AR166002 2b00094.raw AR166003 2b00095.raw AR166004 2b00096.raw AR166005 2b00097.raw AR166006 2b00098.raw

COMPOUND	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6					MEAN RT	RT WINDOW FROM	RT WINDOW TO
AROCLOR-1242-3 *	0	0	12.57	0	0	0					12.57	12.50	12.64
AROCLOR-1242-4 *	0	0	13.83	0	0	0					13.83	13.76	13.90
AROCLOR-1242-5 *	0	0	14.70	0	0	0					14.70	14.63	14.77
AROCLOR-1248-1 *	0	0	12.57	0	0	0					12.57	12.50	12.64
AROCLOR-1248-2 *	0	0	13.28	0	0	0					13.28	13.21	13.35
AROCLOR-1248-3 *	0	0	14.61	0	0	0					14.61	14.54	14.68
AROCLOR-1248-4 *	0	0	15.16	0	0	0					15.16	15.09	15.23
AROCLOR-1248-5 *	0	0	15.98	0	0	0					15.98	15.91	16.05
AROCLOR-1254-1 *	0	0	14.69	0	0	0					14.69	14.62	14.76
AROCLOR-1254-2 *	0	0	15.07	0	0	0					15.07	15.00	15.14
AROCLOR-1254-3 *	0	0	15.98	0	0	0					15.98	15.91	16.05
AROCLOR-1254-4 *	0	0	16.43	0	0	0					16.43	16.36	16.50
AROCLOR-1254-5 *	0	0	16.77	0	0	0					16.77	16.70	16.84
AROCLOR-1260-1 *	17.63	17.63	17.63	17.63	17.63	17.63					17.63	17.56	17.70
AROCLOR-1260-2 *	18.20	18.20	18.20	18.20	18.20	18.20					18.20	18.13	18.27
AROCLOR-1260-3 *	18.68	18.68	18.68	18.68	18.68	18.68					18.68	18.61	18.75
AROCLOR-1260-4 *	19.39	19.39	19.39	19.39	19.39	19.39					19.39	19.32	19.46
AROCLOR-1260-5 *	20.48	20.48	20.48	20.48	20.48	20.48					20.48	20.41	20.55
Tetrachloro-m-xylene *	09.32	09.32	09.32	09.32	09.32	09.32					9.32	9.27	9.37
Decachlorobiphenyl *	21.59	21.59	21.59	21.59	21.59	21.59					21.59	21.49	21.69

Form 6

PCB IN SOIL INITIAL CALIBRATION DATA

Lab Name: H2M LABS, INC. Contract: H2M LABS, INC.

Lab Code: 10478 Case No.: NF807 SAS No.: SDG No.: NF807-0316

Instrument ID: HP6890-2 Calibration Dates: 3/13/2008 3/13/2008

Heated Purge: (Y/N) N Calibration Times: 10:15 15:30

GC Column: CLP ID: .32 (mm)

LAB FILE ID: AR166001 2a00093.raw AR166002 2a00094.raw AR166003 2a00095.raw AR166004 2a00096.raw AR166005 2a00097.raw AR166006 2a00098.raw

COMPOUND		Level 1	Level 2	Level 3	Level 4	Level 5	Level 6					$\overline{RRF}$	% RSD	R^2
Aroclor 1016	*	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1221	*	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1232	*	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1242	*	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1248	*	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1254	*	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1260	*	0	0	0	0	0	0					0.000	0.0	*
AROCLOR-1016-1	*	180365	175465	170964	159866	161050	155431					167190	5.9	*
AROCLOR-1016-2	*	172677	162966	154688	149079	152024	149916					156891	5.9	*
AROCLOR-1016-3	*	231736	232294	221984	214349	220378	216837					222929	3.4	*
AROCLOR-1016-4	*	120573	108524	132446	126111	128409	124131					123365	6.7	*
AROCLOR-1016-5	*	126011	126111	119246	110965	112002	107193					116921	6.9	*
AROCLOR-1221-1	*	0	0	46128	0	0	0					46128	0.0	*
AROCLOR-1221-2	*	0	0	31442	0	0	0					31442	0.0	*
AROCLOR-1221-3	*	0	0	117356	0	0	0					117356	0.0	*
AROCLOR-1232-1	*	0	0	78508	0	0	0					78508	0.0	*
AROCLOR-1232-2	*	0	0	70952	0	0	0					70952	0.0	*
AROCLOR-1232-3	*	0	0	103154	0	0	0					103154	0.0	*
AROCLOR-1232-4	*	0	0	32999	0	0	0					32999	0.0	*
AROCLOR-1232-5	*	0	0	52634	0	0	0					52634	0.0	*
AROCLOR-1242-1	*	0	0	167081	0	0	0					167081	0.0	*
AROCLOR-1242-2	*	0	0	156118	0	0	0					156118	0.0	*

Form 6

PCB IN SOIL INITIAL CALIBRATION DATA

Lab Name: H2M LABS, INC. Contract: H2M LABS, INC.

Lab Code: 10478 Case No.: NF807 SAS No.: SDG No.: NF807-0316

Instrument ID: HP6890-2 Calibration Dates: 3/13/2008 3/13/2008

Heated Purge: (Y/N) N Calibration Times: 10:15 15:30

GC Column: CLP ID: .32 (mm)

LAB FILE ID: AR166001 2a00093.raw AR166002 2a00094.raw AR166003 2a00095.raw AR166004 2a00096.raw AR166005 2a00097.raw AR166006 2a00098.raw

COMPOUND	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6					$\overline{RRF}$	% RSD	R^2
AROCLOR-1242-3 *	0	0	224756	0	0	0					224756	0.0	*
AROCLOR-1242-4 *	0	0	122274	0	0	0					122274	0.0	*
AROCLOR-1242-5 *	0	0	128432	0	0	0					128432	0.0	*
AROCLOR-1248-1 *	0	0	111090	0	0	0					111090	0.0	*
AROCLOR-1248-2 *	0	0	112661	0	0	0					112661	0.0	*
AROCLOR-1248-3 *	0	0	183157	0	0	0					183157	0.0	*
AROCLOR-1248-4 *	0	0	155005	0	0	0					155005	0.0	*
AROCLOR-1248-5 *	0	0	97017	0	0	0					97017	0.0	*
AROCLOR-1254-1 *	0	0	170234	0	0	0					170234	0.0	*
AROCLOR-1254-2 *	0	0	234386	0	0	0					234386	0.0	*
AROCLOR-1254-3 *	0	0	189067	0	0	0					189067	0.0	*
AROCLOR-1254-4 *	0	0	316360	0	0	0					316360	0.0	*
AROCLOR-1254-5 *	0	0	248768	0	0	0					248768	0.0	*
AROCLOR-1260-1 *	211583	221657	217110	202341	205598	198605					209482	4.2	*
AROCLOR-1260-2 *	231083	232098	237464	228442	233745	222539					230895	2.2	*
AROCLOR-1260-3 *	536588	528597	526957	514860	546800	546317					533353	2.3	*
AROCLOR-1260-4 *	286709	281159	275621	268315	281920	279432					278859	2.3	*
AROCLOR-1260-5 *	147583	144266	144921	139253	145221	142884					144021	1.9	*
Tetrachloro-m-xylene *	4557203	4473471	4151235	4778070	4806581	5069653					4639368	6.8	*
Decachlorobiphenyl *	5889615	5110174	4622129	5201982	5095832	5268177					5197984	7.9	*

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

Form 6

PCB IN SOIL INITIAL CALIBRATION DATA

Lab Name: H2M LABS, INC. Contract: H2M LABS, INC.

Lab Code: 10478 Case No.: NF807 SAS No.: SDG No.: NF807-0316

Instrument ID: HP6890-2 Calibration Dates: 3/13/2008 3/13/2008

Heated Purge: (Y/N) N Calibration Times: 10:15 15:30

GC Column: CLP2 ID: .32 (mm)

LAB FILE ID: AR166001 2b00093.raw AR166002 2b00094.raw AR166003 2b00095.raw AR166004 2b00096.raw AR166005 2b00097.raw AR166006 2b00098.raw

COMPOUND	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6					$\overline{RRF}$	% RSD	R^2
Aroclor 1016 *	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1221 *	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1232 *	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1242 *	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1248 *	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1254 *	0	0	0	0	0	0					0.000	0.0	*
Aroclor 1260 *	0	0	0	0	0	0					0.000	0.0	*
AROCLOR-1016-1 *	146229	129559	123551	117092	123445	120851					126787	8.2	*
AROCLOR-1016-2 *	237119	221445	211759	203054	215363	221967					218451	5.3	*
AROCLOR-1016-3 *	343320	349453	336234	319998	336881	339248					337522	2.9	*
AROCLOR-1016-4 *	110722	138578	130060	120284	119453	113686					122130	8.6	*
AROCLOR-1016-5 *	171235	176109	167312	169499	171696	167500					170558	1.9	*
AROCLOR-1221-1 *	0	0	67352	0	0	0					67352	0.0	*
AROCLOR-1221-2 *	0	0	45076	0	0	0					45076	0.0	*
AROCLOR-1221-3 *	0	0	167599	0	0	0					167599	0.0	*
AROCLOR-1232-1 *	0	0	134313	0	0	0					134313	0.0	*
AROCLOR-1232-2 *	0	0	95192	0	0	0					95192	0.0	*
AROCLOR-1232-3 *	0	0	154848	0	0	0					154848	0.0	*
AROCLOR-1232-4 *	0	0	49790	0	0	0					49790	0.0	*
AROCLOR-1232-5 *	0	0	82483	0	0	0					82483	0.0	*
AROCLOR-1242-1 *	0	0	166575	0	0	0					166575	0.0	*
AROCLOR-1242-2 *	0	0	212454	0	0	0					212454	0.0	*

Form 6

PCB IN SOIL INITIAL CALIBRATION DATA

Lab Name: H2M LABS, INC. Contract: H2M LABS, INC.

Lab Code: 10478 Case No.: NF807 SAS No.: SDG No.: NF807-0316

Instrument ID: HP6890-2 Calibration Dates: 3/13/2008 3/13/2008

Heated Purge: (Y/N) N Calibration Times: 10:15 15:30

GC Column: CLP2 ID: .32 (mm)

LAB FILE ID: AR166001 2b00093.raw AR166002 2b00094.raw AR166003 2b00095.raw AR166004 2b00096.raw AR166005 2b00097.raw AR166006 2b00098.raw

COMPOUND	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6					$\overline{RRF}$	% RSD	R^2
AROCLOR-1242-3 *	0	0	335494	0	0	0					335494	0.0	*
AROCLOR-1242-4 *	0	0	186438	0	0	0					186438	0.0	*
AROCLOR-1242-5 *	0	0	227308	0	0	0					227308	0.0	*
AROCLOR-1248-1 *	0	0	163087	0	0	0					163087	0.0	*
AROCLOR-1248-2 *	0	0	170790	0	0	0					170790	0.0	*
AROCLOR-1248-3 *	0	0	262417	0	0	0					262417	0.0	*
AROCLOR-1248-4 *	0	0	289251	0	0	0					289251	0.0	*
AROCLOR-1248-5 *	0	0	143579	0	0	0					143579	0.0	*
AROCLOR-1254-1 *	0	0	295363	0	0	0					295363	0.0	*
AROCLOR-1254-2 *	0	0	318294	0	0	0					318294	0.0	*
AROCLOR-1254-3 *	0	0	451905	0	0	0					451905	0.0	*
AROCLOR-1254-4 *	0	0	334852	0	0	0					334852	0.0	*
AROCLOR-1254-5 *	0	0	234239	0	0	0					234239	0.0	*
AROCLOR-1260-1 *	347840	329940	309268	287136	301760	296592					312089	7.3	*
AROCLOR-1260-2 *	368467	361814	345048	325579	338748	336791					346074	4.7	*
AROCLOR-1260-3 *	833733	794762	780014	758097	812974	817783					799560	3.5	*
AROCLOR-1260-4 *	583140	560601	537785	515155	543081	546300					547677	4.2	*
AROCLOR-1260-5 *	203103	194166	198924	189437	197014	195474					196353	2.3	*
Tetrachloro-m-xylene *	7457500	6755665	6268088	7184538	7410917	7923769					7166746	8.1	*
Decachlorobiphenyl *	7288512	6289089	5625911	6324796	6246431	6547852					6387098	8.4	*

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

7EM

SURROGATE CALIBRATION VERIFICATION SUMMARY

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Instrument ID: HP6890-2 Init. Calib. Dates: 03/13/08 03/13/08

Column(1): RTX_CLP.32 ID: .32 (mm) Column(2): RTX_CLP2.32 ID: .32 (mm)

Standard	COMPOUND	Analysis Date - Time	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Column 1:								
AR1660021	Tetrachloro-m-xylene	03/25/08 16:02	9.42	9.37	9.47	0.039	0.040	-2.5
AR1660022	Tetrachloro-m-xylene	03/26/08 0:37	9.42	9.37	9.47	0.041	0.040	2.5
AR124202	Tetrachloro-m-xylene	03/27/08 9:43	9.42	9.37	9.47	0.037	0.040	-7.5
AR125402	Tetrachloro-m-xylene	03/27/08 10:11	9.42	9.37	9.47	0.034	0.040	-15
AR1660021	Decachlorobiphenyl	03/25/08 16:02	21.03	20.93	21.13	0.035	0.040	-13
AR1660022	Decachlorobiphenyl	03/26/08 0:37	21.04	20.93	21.13	0.034	0.040	-15
AR124202	Decachlorobiphenyl	03/27/08 9:43	21.04	20.93	21.13	0.033	0.040	-18
AR125402	Decachlorobiphenyl	03/27/08 10:11	21.04	20.93	21.13	0.030	0.040	-25
Column 2:								
AR1660021	Tetrachloro-m-xylene	03/25/08 16:02	9.32	9.27	9.37	0.039	0.040	-2.5
AR1660022	Tetrachloro-m-xylene	03/26/08 0:37	9.33	9.27	9.37	0.041	0.040	2.5
AR124202	Tetrachloro-m-xylene	03/27/08 9:43	9.33	9.27	9.37	0.041	0.040	2.5
AR125402	Tetrachloro-m-xylene	03/27/08 10:11	9.33	9.27	9.37	0.037	0.040	-7.5
AR1660021	Decachlorobiphenyl	03/25/08 16:02	21.59	21.49	21.69	0.032	0.040	-20
AR1660022	Decachlorobiphenyl	03/26/08 0:37	21.60	21.49	21.69	0.029	0.040	-28
AR124202	Decachlorobiphenyl	03/27/08 9:43	21.60	21.49	21.69	0.031	0.040	-23
AR125402	Decachlorobiphenyl	03/27/08 10:11	21.60	21.49	21.69	0.028	0.040	-30

NF807-0316 P129

7EM

MULTICOMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Instrument ID: HP6890-2 Init. Calib. Dates: 03/13/08 03/13/08

EPA Sample No.(PIBLK): PIBLK 15 Date Analyzed: 03/25/08

Lab Sample ID(PIBLK): PIBLK 15 Time Analyzed: 15:34

EPA Sample No.(PEM): AR1660021 Date Analyzed: 03/25/08

Lab Sample ID(PEM): AR1660021 Time Analyzed: 16:02

Column(1): RTX CLP.32 ID: .32 (mm) Column(2): RTX CLP2.32 ID: .32 (mm)

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor 1016						
Column 1						
AROCLOR-1016-1	11.26	11.19	11.33	0.40	0.40	0
AROCLOR-1016-2	12.30	12.23	12.37	0.40	0.40	0
AROCLOR-1016-3	12.35	12.28	12.42	0.40	0.40	0
AROCLOR-1016-4	12.63	12.57	12.71	0.43	0.40	7.5
AROCLOR-1016-5	13.52	13.45	13.59	0.41	0.40	2.5
mean:				0.408	0.4	2
Column 2						
AROCLOR-1016-1	10.61	10.54	10.68	0.40	0.40	0
AROCLOR-1016-2	12.53	12.46	12.60	0.41	0.40	2.5
AROCLOR-1016-3	12.57	12.50	12.64	0.40	0.40	0
AROCLOR-1016-4	13.37	13.30	13.44	0.42	0.40	5.0
AROCLOR-1016-5	13.84	13.76	13.90	0.42	0.40	5.0
mean:				0.41	0.4	2.5
Aroclor 1260						
Column 1						
AROCLOR-1260-1	17.32	17.25	17.39	0.40	0.40	0
AROCLOR-1260-2	17.80	17.73	17.87	0.41	0.40	2.5
AROCLOR-1260-3	18.39	18.32	18.46	0.40	0.40	0
AROCLOR-1260-4	18.94	18.87	19.01	0.40	0.40	0
AROCLOR-1260-5	20.12	20.05	20.19	0.39	0.40	-2.5
mean:				0.4	0.4	0
Column 2						
AROCLOR-1260-1	17.64	17.56	17.70	0.38	0.40	-5.0
AROCLOR-1260-2	18.20	18.13	18.27	0.38	0.40	-5.0
AROCLOR-1260-3	18.68	18.61	18.75	0.38	0.40	-5.0
AROCLOR-1260-4	19.39	19.32	19.46	0.37	0.40	-7.5
AROCLOR-1260-5	20.49	20.41	20.55	0.36	0.40	-10
mean:				0.374	0.4	-6.5

NF807-0316 P130

7EM

MULTICOMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Instrument ID: HP6890-2 Init. Calib. Dates: 03/13/08 03/13/08

EPA Sample No.(PIBLK): PIBLK 16 Date Analyzed: 03/26/08

Lab Sample ID(PIBLK): PIBLK 16 Time Analyzed: 0:08

EPA Sample No.(PEM): AR1660022 Date Analyzed: 03/26/08

Lab Sample ID(PEM): AR1660022 Time Analyzed: 0:37

Column(1): RTX CLP.32 ID: .32 (mm) Column(2): RTX CLP2.32 ID: .32 (mm)

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor 1016						
Column 1						
AROCLOR-1016-1	11.27	11.19	11.33	0.42	0.40	5.0
AROCLOR-1016-2	12.30	12.23	12.37	0.43	0.40	7.5
AROCLOR-1016-3	12.35	12.28	12.42	0.42	0.40	5.0
AROCLOR-1016-4	12.64	12.57	12.71	0.46	0.40	15
AROCLOR-1016-5	13.52	13.45	13.59	0.43	0.40	7.5
mean:				0.432	0.4	8
Column 2						
AROCLOR-1016-1	10.61	10.54	10.68	0.43	0.40	7.5
AROCLOR-1016-2	12.54	12.46	12.60	0.44	0.40	10
AROCLOR-1016-3	12.58	12.50	12.64	0.43	0.40	7.5
AROCLOR-1016-4	13.37	13.30	13.44	0.44	0.40	10
AROCLOR-1016-5	13.84	13.76	13.90	0.45	0.40	13
mean:				0.438	0.4	9.6
Aroclor 1260						
Column 1						
AROCLOR-1260-1	17.32	17.25	17.39	0.41	0.40	2.5
AROCLOR-1260-2	17.80	17.73	17.87	0.41	0.40	2.5
AROCLOR-1260-3	18.40	18.32	18.46	0.40	0.40	0
AROCLOR-1260-4	18.95	18.87	19.01	0.39	0.40	-2.5
AROCLOR-1260-5	20.13	20.05	20.19	0.37	0.40	-7.5
mean:				0.396	0.4	-1
Column 2						
AROCLOR-1260-1	17.64	17.56	17.70	0.37	0.40	-7.5
AROCLOR-1260-2	18.21	18.13	18.27	0.37	0.40	-7.5
AROCLOR-1260-3	18.69	18.61	18.75	0.36	0.40	-10
AROCLOR-1260-4	19.39	19.32	19.46	0.35	0.40	-13
AROCLOR-1260-5	20.49	20.41	20.55	0.33	0.40	-18
mean:				0.356	0.4	-11.2

NF807-0316 P131

7EM

MULTICOMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Instrument ID: HP6890-2 Init. Calib. Dates: 03/13/08 03/13/08

EPA Sample No.(PIBLK): PIBLK19 Date Analyzed: 03/27/08

Lab Sample ID(PIBLK): PIBLK19 Time Analyzed: 8:46

EPA Sample No.(PEM): AR124202 Date Analyzed: 03/27/08

Lab Sample ID(PEM): AR124202 Time Analyzed: 9:43

Column(1): RTX CLP.32 ID: .32 (mm) Column(2): RTX CLP2.32 ID: .32 (mm)

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor 1242						
Column 1						
AROCLOR-1242-1	11.27	11.19	11.33	0.19	0.20	-5.0
AROCLOR-1242-2	12.30	12.23	12.37	0.19	0.20	-5.0
AROCLOR-1242-3	12.35	12.28	12.42	0.18	0.20	-10
AROCLOR-1242-4	13.52	13.45	13.59	0.19	0.20	-5.0
AROCLOR-1242-5	14.40	14.33	14.47	0.19	0.20	-5.0
mean:				0.188	0.2	-6
Column 2						
AROCLOR-1242-1	11.55	11.48	11.62	0.21	0.20	5.0
AROCLOR-1242-2	12.54	12.46	12.60	0.21	0.20	5.0
AROCLOR-1242-3	12.58	12.50	12.64	0.20	0.20	0
AROCLOR-1242-4	13.84	13.76	13.90	0.20	0.20	0
AROCLOR-1242-5	14.71	14.63	14.77	0.20	0.20	0
mean:				0.204	0.2	2

NF807-0316 P132

7EM

MULTICOMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Instrument ID: HP6890-2 Init. Calib. Dates: 03/13/08 03/13/08

EPA Sample No.(PIBLK): PIBLK19 Date Analyzed: 03/27/08

Lab Sample ID(PIBLK): PIBLK19 Time Analyzed: 8:46

EPA Sample No.(PEM): AR125402 Date Analyzed: 03/27/08

Lab Sample ID(PEM): AR125402 Time Analyzed: 10:11

Column(1): RTX_CLP.32 ID: .32 (mm) Column(2): RTX_CLP2.32 ID: .32 (mm)

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
Aroclor 1254						
Column 1						
AROCLOR-1254-1	14.32	14.24	14.38	0.17	0.20	-15
AROCLOR-1254-2	14.85	14.77	14.91	0.17	0.20	-15
AROCLOR-1254-3	15.40	15.33	15.47	0.17	0.20	-15
AROCLOR-1254-4	15.65	15.57	15.71	0.17	0.20	-15
AROCLOR-1254-5	16.20	16.12	16.26	0.17	0.20	-15
mean:				0.17	0.2	-15
Column 2						
AROCLOR-1254-1	14.69	14.62	14.76	0.18	0.20	-10
AROCLOR-1254-2	15.08	15.00	15.14	0.19	0.20	-5.0
AROCLOR-1254-3	15.99	15.91	16.05	0.18	0.20	-10
AROCLOR-1254-4	16.43	16.36	16.50	0.17	0.20	-15
AROCLOR-1254-5	16.78	16.70	16.84	0.17	0.20	-15
mean:				0.178	0.2	-11

NF807-0316 P133

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

GC Column: CLP ID: .32 (mm) Init. Calib. Date(s): 03/13/08 03/13/08

Instrument ID: HP6890-2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES ,BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INTIAL CALIBRATION
TCX: 9.42 DCB: 21.03

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	TCX #	DCB RT	DCB #
01	AR166001	AR166001	3/13/2008	10:15	9.42		21.04	
02	AR166002	AR166002	3/13/2008	10:43	9.42		21.03	
03	AR166003	AR166003	3/13/2008	11:12	9.42		21.03	
04	AR166004	AR166004	3/13/2008	11:41	9.42		21.03	
05	AR166005	AR166005	3/13/2008	12:09	9.42		21.03	
06	AR166006	AR166006	3/13/2008	12:38	9.42		21.03	
07	AR122101	AR122101	3/13/2008	13:35	9.42		21.03	
08	AR123201	AR123201	3/13/2008	14:04	9.42		21.03	
09	AR124201	AR124201	3/13/2008	14:33	9.41		21.03	
10	AR124801	AR124801	3/13/2008	15:01	9.41		21.03	
11	AR125401	AR125401	3/13/2008	15:30	9.42		21.03	
12	PIBLK 01	PIBLK 01	3/13/2008	15:58	9.42		21.03	
13	PIBLK 15	PIBLK 15	3/25/2008	15:34	9.42		21.03	
14	AR1660021	AR1660021	3/25/2008	16:02	9.42		21.03	
15	MB-25569	MB-25569	3/25/2008	16:31	9.42		21.03	
16	LFB-25569	LFB-25569	3/25/2008	17:00	9.42		21.03	
17	000001	0803780-001A	3/25/2008	17:28	9.42		21.04	
18	000002	0803780-002A	3/25/2008	17:57	9.42		21.04	
19	000003	0803780-003A	3/25/2008	18:25	9.42		21.04	
20	000004	0803780-004A	3/25/2008	19:22	9.42		21.04	
21	000005	0803780-005A	3/25/2008	20:20	9.42		21.04	
22	000006	0803780-006A	3/25/2008	21:17	9.42		21.04	
23	PIBLK 16	PIBLK 16	3/26/2008	0:08	9.42		21.04	
24	AR1660022	AR1660022	3/26/2008	0:37	9.42		21.04	
25	000001DL	0803780-001ADL	3/26/2008	14:28	9.42		21.04	
26	000002DL	0803780-002ADL	3/26/2008	14:57	9.42		21.04	
27	000003DL	0803780-003ADL	3/26/2008	15:54	9.42		21.04	
28	000004DL	0803780-004ADL	3/26/2008	16:52	9.42		21.04	
29	000005DL	0803780-005ADL	3/26/2008	17:49	9.42		21.04	
30	000006DL	0803780-006ADL	3/26/2008	18:17	9.42		21.04	

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)

DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

NF807-0316 P134

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

GC Column: CLP ID: .32 (mm) Init. Calib. Date(s): 03/13/08 03/13/08

Instrument ID: HP6890-2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES ,BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INTIAL CALIBRATION
TCX: 9.42 DCB: 21.03

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	TCX #	DCB RT	DCB #
31	PIBLK19	PIBLK19	3/27/2008	8:46	9.42		21.04	
32	AR124202	AR124202	3/27/2008	9:43	9.42		21.04	
33	AR125402	AR125402	3/27/2008	10:11	9.42		21.04	

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

NF807-0316 P135

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

GC Column: CLP2 ID: .32 (mm) Init. Calib. Date(s): 03/13/08 03/13/08

Instrument ID: HP6890-2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES ,BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INTIAL CALIBRATION
TCX: 9.32 DCB: 21.59

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	TCX #	DCB RT	DCB #
01	AR166001	AR166001	3/13/2008	10:15	9.32		21.59	
02	AR166002	AR166002	3/13/2008	10:43	9.32		21.59	
03	AR166003	AR166003	3/13/2008	11:12	9.32		21.59	
04	AR166004	AR166004	3/13/2008	11:41	9.32		21.59	
05	AR166005	AR166005	3/13/2008	12:09	9.32		21.59	
06	AR166006	AR166006	3/13/2008	12:38	9.32		21.59	
07	AR122101	AR122101	3/13/2008	13:35	9.32		21.59	
08	AR123201	AR123201	3/13/2008	14:04	9.32		21.59	
09	AR124201	AR124201	3/13/2008	14:33	9.32		21.59	
10	AR124801	AR124801	3/13/2008	15:01	9.32		21.59	
11	AR125401	AR125401	3/13/2008	15:30	9.32		21.59	
12	PIBLK 01	PIBLK 01	3/13/2008	15:58	9.32		21.59	
13	PIBLK 15	PIBLK 15	3/25/2008	15:34	9.32		21.60	
14	AR1660021	AR1660021	3/25/2008	16:02	9.32		21.59	
15	MB-25569	MB-25569	3/25/2008	16:31	9.32		21.59	
16	LFB-25569	LFB-25569	3/25/2008	17:00	9.32		21.60	
17	000001	0803780-001A	3/25/2008	17:28	9.32		21.60	
18	000002	0803780-002A	3/25/2008	17:57	9.32		21.60	
19	000003	0803780-003A	3/25/2008	18:25	9.32		21.60	
20	000004	0803780-004A	3/25/2008	19:22	9.32		21.60	
21	000005	0803780-005A	3/25/2008	20:20	9.33		21.60	
22	000006	0803780-006A	3/25/2008	21:17	9.33		21.60	
23	PIBLK 16	PIBLK 16	3/26/2008	0:08	9.33		21.60	
24	AR1660022	AR1660022	3/26/2008	0:37	9.33		21.60	
25	000001DL	0803780-001ADL	3/26/2008	14:28	9.33		21.60	
26	000002DL	0803780-002ADL	3/26/2008	14:57	9.33		21.60	
27	000003DL	0803780-003ADL	3/26/2008	15:54	9.33		21.60	
28	000004DL	0803780-004ADL	3/26/2008	16:52	9.33		21.60	
29	000005DL	0803780-005ADL	3/26/2008	17:49	9.33		21.60	
30	000006DL	0803780-006ADL	3/26/2008	18:17	9.33		21.60	

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)

DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

NF807-0316 P136

8D

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

GC Column: CLP2 ID: .32 (mm) Init. Calib. Date(s): 03/13/08 03/13/08

Instrument ID: HP6890-2

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES ,BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INTIAL CALIBRATION
TCX: 9.32 DCB: 21.59

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	TCX #	DCB RT	DCB #
31	PIBLK19	PIBLK19	3/27/2008	8:46	9.42	*	21.04	*
32	AR124202	AR124202	3/27/2008	9:43	9.33		21.60	
33	AR125402	AR125402	3/27/2008	10:11	9.33		21.60	

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

LFB-25569

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: LFB-25569 Date(s) Analyzed: 03/25/08 03/25/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1016	1	11.26	11.19	11.33	210		
COLUMN 1	2	12.30	12.23	12.37	220		
	3	12.35	12.28	12.42	220		
	4	12.63	12.57	12.71	230		
	5	13.52	13.45	13.59	220	220	
	1	10.61	10.54	10.68	220		
COLUMN 2	2	12.53	12.46	12.60	230		
	3	12.57	12.50	12.64	220		
	4	13.37	13.30	13.44	220		
	5	13.84	13.76	13.90	240	230	4.5
Aroclor 1260	1	17.32	17.25	17.39	220		
COLUMN 1	2	17.80	17.73	17.87	230		
	3	18.39	18.32	18.46	220		
	4	18.94	18.87	19.01	220		
	5	20.12	20.05	20.19	220	220	
	1	17.64	17.56	17.70	210		
COLUMN 2	2	18.20	18.13	18.27	210		
	3	18.68	18.61	18.75	220		
	4	19.39	19.32	19.46	210		
	5	20.49	20.41	20.55	210	210	4.8

At least 3 peaks for each column are required for identification of multicomponent analytes

NF807-0316 P138

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000001

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-001A Date(s) Analyzed: 03/25/08 03/25/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.26	11.19	11.33	2800		
	2	12.30	12.23	12.37	3000		
COLUMN 1	3	12.35	12.28	12.42	5400		
	4	13.52	13.45	13.59	8300		
	5	14.40	14.33	14.47	6300	5200	
	1	11.55	11.48	11.62	2900		
	2	12.53	12.46	12.60	2900		
COLUMN 2	3						
	4	13.84	13.76	13.90	8400		
	5					4700	10.6
Aroclor 1254	1	14.31	14.24	14.38	5200		
	2	14.85	14.77	14.91	7000		
COLUMN 1	3	15.40	15.33	15.47	6300		
	4						
	5	16.19	16.12	16.26	6200	6200	
	1						
	2						
COLUMN 2	3						
	4						
	5	16.77	16.70	16.84	5600	5600	10.7
Aroclor 1260	1	17.32	17.25	17.39	1200		
	2	17.80	17.73	17.87	1400		
COLUMN 1	3	18.39	18.32	18.46	1700		
	4	18.94	18.87	19.01	1700		
	5	20.13	20.05	20.19	1700	1500	
	1	17.64	17.56	17.70	1800		
	2	18.21	18.13	18.27	1100		
COLUMN 2	3	18.69	18.61	18.75	1200		
	4	19.39	19.32	19.46	1600		
	5	20.49	20.41	20.55	1500	1400	7.1

NF807-0316 P139

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000001DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-001ADL Date(s) Analyzed: 03/26/08 03/26/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.27	11.19	11.33	3500		
	2	12.30	12.23	12.37	3500		
COLUMN 1	3	12.35	12.28	12.42	6100		
	4						
	5					6300	
	1	11.55	11.48	11.62	3800		
	2	12.54	12.46	12.60	3500		
COLUMN 2	3	12.58	12.50	12.64	7000		
	4						
	5					7900	25.4
Aroclor 1254	1	14.31	14.24	14.38	6900		
	2	14.85	14.77	14.91	8600		
COLUMN 1	3	15.40	15.33	15.47	7900		
	4	15.64	15.57	15.71	8400		
	5	16.20	16.12	16.26	7800	7900	
	1	14.62	14.62	14.76	5300		
	2	15.08	15.00	15.14	7500		
COLUMN 2	3	15.99	15.91	16.05	8900		
	4	16.43	16.36	16.50	8300		
	5	16.78	16.70	16.84	8500	7700	2.6
Aroclor 1260	1	17.32	17.25	17.39	1900		
	2	17.80	17.73	17.87	1900		
COLUMN 1	3	18.40	18.32	18.46	2100		
	4	18.95	18.87	19.01	2200		
	5	20.13	20.05	20.19	2200	2100	
	1						
	2	18.21	18.13	18.27	1700		
COLUMN 2	3	18.69	18.61	18.75	1700		
	4	19.39	19.32	19.46	2200		
	5	20.49	20.41	20.55	2000	2100	0.0

NF807-0316 P140

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000002

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-002A Date(s) Analyzed: 03/25/08 03/25/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.26	11.19	11.33	5600		
	2	12.30	12.23	12.37	3700		
COLUMN 1	3						
	4						
	5	14.40	14.33	14.47	12000	7200	
	1	11.55	11.48	11.62	6900		
	2	12.54	12.46	12.60	3600		
COLUMN 2	3						
	4						
	5					5300	35.8
Aroclor 1260	1	17.32	17.25	17.39	2200		
	2	17.80	17.73	17.87	2800		
COLUMN 1	3	18.40	18.32	18.46	2700		
	4	18.95	18.87	19.01	2900		
	5	20.13	20.05	20.19	4900	3100	
	1	17.64	17.56	17.70	3100		
	2	18.21	18.13	18.27	2100		
COLUMN 2	3	18.69	18.61	18.75	2000		
	4	19.39	19.32	19.46	2700		
	5	20.49	20.41	20.55	3100	2600	19.2

At least 3 peaks for each column are required for identification of multicomponent analytes

NF807-0316 P141

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000002DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-002ADL Date(s) Analyzed: 03/26/08 03/26/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.27	11.19	11.33	7000		
	2	12.30	12.23	12.37	4500		
COLUMN 1	3	12.35	12.28	12.42	9300		
	4						
	5					12000	
	1	11.55	11.48	11.62	8100		
	2	12.54	12.46	12.60	4300		
COLUMN 2	3	12.58	12.50	12.64	10000		
	4						
	5					15000	25.0
Aroclor 1254	1	14.32	14.24	14.38	14000		
	2	14.85	14.77	14.91	15000		
COLUMN 1	3	15.40	15.33	15.47	14000		
	4	15.65	15.57	15.71	15000		
	5	16.20	16.12	16.26	12000	14000	
	1	14.62	14.62	14.76	10000		
	2	15.08	15.00	15.14	14000		
COLUMN 2	3	15.99	15.91	16.05	15000		
	4	16.43	16.36	16.50	13000		
	5	16.78	16.70	16.84	15000	13000	7.7
Aroclor 1260	1	17.32	17.25	17.39	3200		
	2	17.80	17.73	17.87	5100		
COLUMN 1	3	18.40	18.32	18.46	3400		
	4	18.95	18.87	19.01	3600		
	5					5100	
	1						
	2	18.21	18.13	18.27	4200		
COLUMN 2	3	18.69	18.61	18.75	2900		
	4	19.39	19.32	19.46	3900		
	5	20.49	20.41	20.55	4400	4100	24.4

FORM XB SW8082

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000003

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-003A Date(s) Analyzed: 03/25/08 03/25/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.26	11.19	11.33	2300		
	2	12.30	12.23	12.37	2100		
COLUMN 1	3						
	4	13.52	13.45	13.59	14000		
	5	14.40	14.33	14.47	5900	6000	
	1	11.55	11.48	11.62	2300		
COLUMN 2	2	12.54	12.46	12.60	1900		
	3						
	4						
	5					2100	185.7
Aroclor 1254	1	14.31	14.24	14.38	7300		
	2						
COLUMN 1	3	15.40	15.33	15.47	8200		
	4						
	5					7700	
	1						
COLUMN 2	2						
	3						
	4						
	5	16.77	16.70	16.84	6900	6900	11.6
Aroclor 1260	1	17.32	17.25	17.39	2600		
	2	17.80	17.73	17.87	3600		
COLUMN 1	3	18.39	18.32	18.46	2800		
	4	18.94	18.87	19.01	2300		
	5	20.13	20.05	20.19	10000	4300	
	1	17.64	17.56	17.70	3300		
COLUMN 2	2	18.21	18.13	18.27	2500		
	3	18.69	18.61	18.75	2100		
	4	19.38	19.32	19.46	3100		
	5	20.49	20.41	20.55	4500	3100	38.7

FORM XB SW8082

NF807-0316 P143

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000003DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-003ADL Date(s) Analyzed: 03/26/08 03/26/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.27	11.19	11.33	3000		
	2	12.30	12.23	12.37	2700		
COLUMN 1	3	12.35	12.28	12.42	8800		
	4						
	5					7700	
	1	11.55	11.48	11.62	3000		
COLUMN 2	2	12.54	12.46	12.60	2300		
	3	12.58	12.50	12.64	9800		
	4						
	5					10000	29.9
	1	14.31	14.24	14.38	9500		
Aroclor 1254	2	14.85	14.77	14.91	12000		
COLUMN 1	3	15.40	15.33	15.47	10000		
	4	15.65	15.57	15.71	11000		
	5	16.20	16.12	16.26	9500	10000	
	1	14.62	14.62	14.76	4700		
COLUMN 2	2	15.08	15.00	15.14	10000		
	3	15.99	15.91	16.05	11000		
	4	16.43	16.36	16.50	10000		
	5	16.78	16.70	16.84	11000	9300	7.5
	1	17.32	17.25	17.39	3600		
Aroclor 1260	2	17.80	17.73	17.87	3700		
COLUMN 1	3	18.40	18.32	18.46	3500		
	4	18.95	18.87	19.01	3000		
	5					4500	
	1						
COLUMN 2	2	18.21	18.13	18.27	3200		
	3	18.69	18.61	18.75	3000		
	4	19.38	19.32	19.46	4100		
	5					4100	9.8

FORM XB SW8082

NF807-0316 P144

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000004

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-004A Date(s) Analyzed: 03/25/08 03/25/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.26	11.19	11.33	4500		
	2	12.30	12.23	12.37	4100		
COLUMN 1	3						
	4						
	5	14.40	14.33	14.47	9100	5900	
	1	11.55	11.48	11.62	4800		
	2	12.54	12.46	12.60	3700		
COLUMN 2	3						
	4						
	5					4300	37.2
Aroclor 1254	1	14.31	14.24	14.38	7700		
	2						
COLUMN 1	3	15.40	15.33	15.47	8500		
	4						
	5					8100	
	1						
	2						
COLUMN 2	3						
	4						
	5	16.78	16.70	16.84	6700	6700	20.9
Aroclor 1260	1	17.32	17.25	17.39	1200		
	2	17.80	17.73	17.87	1500		
COLUMN 1	3	18.40	18.32	18.46	1800		
	4	18.95	18.87	19.01	1900		
	5	20.13	20.05	20.19	1900	1700	
	1	17.64	17.56	17.70	1900		
	2	18.21	18.13	18.27	1100		
COLUMN 2	3	18.69	18.61	18.75	1300		
	4	19.39	19.32	19.46	1600		
	5	20.49	20.41	20.55	2000	1600	6.3

FORM XB SW8082

NF807-0316 P145

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000004DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-004ADL Date(s) Analyzed: 03/26/08 03/26/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.27	11.19	11.33	4900		
	2	12.30	12.23	12.37	4200		
COLUMN 1	3	12.35	12.28	12.42	9300		
	4						
	5					9000	
	1	11.55	11.48	11.62	5100		
	2	12.54	12.46	12.60	3600		
COLUMN 2	3	12.58	12.50	12.64	10000		
	4						
	5					11000	22.2
Aroclor 1254	1	14.32	14.24	14.38	9000		
	2	14.85	14.77	14.91	12000		
COLUMN 1	3	15.40	15.33	15.47	9800		
	4	15.65	15.57	15.71	10000		
	5	16.20	16.12	16.26	9400	10000	
	1	14.62	14.62	14.76	6600		
	2	15.08	15.00	15.14	9500		
COLUMN 2	3	15.99	15.91	16.05	10000		
	4	16.44	16.36	16.50	9400		
	5	16.78	16.70	16.84	9300	9100	9.9
Aroclor 1260	1	17.32	17.25	17.39	1800		
	2	17.80	17.73	17.87	2500		
COLUMN 1	3	18.40	18.32	18.46	2000		
	4	18.95	18.87	19.01	2200		
	5	20.13	20.05	20.19	3600	2400	
	1						
	2	18.21	18.13	18.27	1700		
COLUMN 2	3	18.69	18.61	18.75	1800		
	4	19.39	19.32	19.46	2100		
	5	20.49	20.41	20.55	2100	2100	14.3

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000005

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-005A Date(s) Analyzed: 03/25/08 03/25/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.27	11.19	11.33	1400		
	2	12.30	12.23	12.37	1100		
COLUMN 1	3	12.35	12.28	12.42	2000		
	4	13.52	13.45	13.59	2700		
	5	14.40	14.33	14.47	2100	1900	
	1	11.55	11.48	11.62	1500		
	2	12.54	12.46	12.60	1000		
COLUMN 2	3	12.57	12.50	12.64	2000		
	4	13.84	13.76	13.90	2600		
	5	14.70	14.63	14.77	3300	2100	10.5
Aroclor 1254	1	14.31	14.24	14.38	1600		
	2	14.85	14.77	14.91	2100		
COLUMN 1	3	15.40	15.33	15.47	1800		
	4	15.64	15.57	15.71	2000		
	5	16.20	16.12	16.26	1900	1900	
	1	14.62	14.62	14.76	1400		
	2	15.08	15.00	15.14	2500		
COLUMN 2	3	15.99	15.91	16.05	2100		
	4	16.43	16.36	16.50	1700		
	5	16.78	16.70	16.84	1500	1800	5.6
Aroclor 1260	1	17.32	17.25	17.39	380		
	2	17.80	17.73	17.87	400		
COLUMN 1	3	18.40	18.32	18.46	510		
	4	18.95	18.87	19.01	480		
	5	20.13	20.05	20.19	550	460	
	1	17.64	17.56	17.70	600		
	2	18.21	18.13	18.27	310		
COLUMN 2	3	18.69	18.61	18.75	410		
	4	19.39	19.32	19.46	430		
	5	20.49	20.41	20.55	430	440	4.5

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000005DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-005ADL Date(s) Analyzed: 03/26/08 03/26/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.27	11.19	11.33	1700		
	2	12.30	12.23	12.37	1200		
COLUMN 1	3	12.35	12.28	12.42	2100		
	4						
	5					2200	
	1	11.55	11.48	11.62	1800		
	2	12.54	12.46	12.60	1200		
COLUMN 2	3	12.58	12.50	12.64	2300		
	4						
	5					2500	13.6
Aroclor 1254	1	14.32	14.24	14.38	2000		
	2	14.85	14.77	14.91	2700		
COLUMN 1	3	15.40	15.33	15.47	2200		
	4	15.65	15.57	15.71	2300		
	5	16.20	16.12	16.26	2200	2300	
	1	14.62	14.62	14.76	1600		
	2	15.08	15.00	15.14	2100		
COLUMN 2	3	15.99	15.91	16.05	2200		
	4	16.44	16.36	16.50	2200		
	5	16.78	16.70	16.84	2300	2100	9.5
Aroclor 1260	1	17.32	17.25	17.39	560		
	2	17.80	17.73	17.87	790		
COLUMN 1	3	18.40	18.32	18.46	640		
	4	18.95	18.87	19.01	610		
	5					910	
	1						
	2	18.21	18.13	18.27	580		
COLUMN 2	3	18.69	18.61	18.75	490		
	4	19.39	19.32	19.46	630		
	5	20.50	20.41	20.55	730	650	40.0

FORM XB SW8082

NF807-0316 P148

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000006

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-006A Date(s) Analyzed: 03/25/08 03/25/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.27	11.19	11.33	1300		
	2	12.30	12.23	12.37	1000		
COLUMN 1	3	12.35	12.28	12.42	2100		
	4	13.52	13.45	13.59	3200		
	5	14.40	14.33	14.47	2100	2000	
	1	11.55	11.48	11.62	1400		
	2	12.54	12.46	12.60	940		
COLUMN 2	3	12.58	12.50	12.64	2100		
	4	13.84	13.76	13.90	3000		
	5	14.70	14.63	14.77	3600	2200	10.0
Aroclor 1254	1	14.32	14.24	14.38	1900		
	2	14.85	14.77	14.91	2300		
COLUMN 1	3	15.40	15.33	15.47	1900		
	4	15.65	15.57	15.71	2200		
	5	16.20	16.12	16.26	1800	2000	
	1	14.62	14.62	14.76	1300		
	2	15.08	15.00	15.14	1800		
COLUMN 2	3	15.99	15.91	16.05	2000		
	4	16.43	16.36	16.50	1600		
	5	16.78	16.70	16.84	1400	1600	25.0
Aroclor 1260	1	17.32	17.25	17.39	360		
	2	17.80	17.73	17.87	390		
COLUMN 1	3	18.40	18.32	18.46	420		
	4	18.95	18.87	19.01	560		
	5	20.13	20.05	20.19	420	430	
	1	17.64	17.56	17.70	470		
	2	18.21	18.13	18.27	280		
COLUMN 2	3	18.69	18.61	18.75	320		
	4	19.39	19.32	19.46	400		
	5	20.50	20.41	20.55	390	370	16.2

FORM XB SW8082

NF807-0316 P149

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

000006DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Lab Sample ID: 0803780-006ADL Date(s) Analyzed: 03/26/08 03/26/08

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor 1242	1	11.27	11.19	11.33	1700		
	2	12.31	12.23	12.37	1300		
COLUMN 1	3	12.35	12.28	12.42	2600		
	4						
	5					2500	
	1	11.55	11.48	11.62	1800		
	2	12.54	12.46	12.60	1300		
COLUMN 2	3	12.58	12.50	12.64	2800		
	4						
	5					3100	24.0
Aroclor 1254	1	14.32	14.24	14.38	2600		
	2	14.85	14.77	14.91	3100		
COLUMN 1	3	15.41	15.33	15.47	2700		
	4	15.65	15.57	15.71	2800		
	5	16.20	16.12	16.26	2500	2700	
	1	14.62	14.62	14.76	1900		
	2	15.08	15.00	15.14	2600		
COLUMN 2	3	15.99	15.91	16.05	2800		
	4	16.44	16.36	16.50	2500		
	5	16.78	16.70	16.84	2500	2400	12.5
Aroclor 1260	1	17.33	17.25	17.39	600		
	2	17.80	17.73	17.87	850		
COLUMN 1	3	18.40	18.32	18.46	590		
	4	18.95	18.87	19.01	730		
	5	20.13	20.05	20.19	2300	1000	
	1						
	2	18.21	18.13	18.27	640		
COLUMN 2	3	18.69	18.61	18.75	500		
	4	19.39	19.32	19.46	650		
	5	20.50	20.41	20.55	740	670	49.3

FORM XB SW8082

NF807-0316 P150

RTX-CLP COLUMN SEQUENCE
AND
RTX-CLPII COLUMN SEQUENCE

INSTRUMENT: HP6890-2

DATE STARTED: 03/13/2008

NF807-0316 P151

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87334
Operator : manager
Sample Number : 1660LOW
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 10:15:14 AM

Date : 4/1/2008 3:34:35 PM

Sample Name : AR166001
Study : ical1","ar1660
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00093.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00093.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00093.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00093.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00093.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 49
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0025	9.42	11393	0.00250	0.00500	4557203
	0.0508	10.40	2541	0.05081	0.10162	50000
AROCLOR-1016-1	0.0250	11.27	4509	0.02500	0.05000	180365
	0.0267	11.70	1335	0.02670	0.05339	50000
	0.0362	11.75	1808	0.03616	0.07232	50000
	0.0275	12.18	1376	0.02751	0.05503	50000
AROCLOR-1016-2	0.0250	12.30	4317	0.02500	0.05000	172677
AROCLOR-1016-3	0.0250	12.35	5793	0.02500	0.05000	231736
AROCLOR-1016-4	0.0250	12.64	3014	0.02500	0.05000	120573
	0.0521	12.78	2606	0.05212	0.10425	50000
	0.0640	13.00	3200	0.06400	0.12800	50000
	0.0437	13.04	2185	0.04371	0.08741	50000
	0.0427	13.10	2135	0.04269	0.08538	50000
	0.0408	13.17	2039	0.04078	0.08157	50000
AROCLOR-1016-5	0.0250	13.52	3150	0.02500	0.05000	126011
	0.0234	13.58	1172	0.02345	0.04689	50000
	0.0362	13.70	1812	0.03623	0.07246	50000
	0.0438	13.79	2191	0.04381	0.08763	50000
	0.0214	14.00	1072	0.02144	0.04288	50000
	0.0343	14.32	1713	0.03425	0.06851	50000
	0.0384	14.85	1918	0.03837	0.07673	50000
	0.0272	14.96	1358	0.02716	0.05433	50000
	0.0274	15.39	1371	0.02741	0.05483	50000

NF807-0316 P152

4/1/2008 3:34:35 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00093.rst

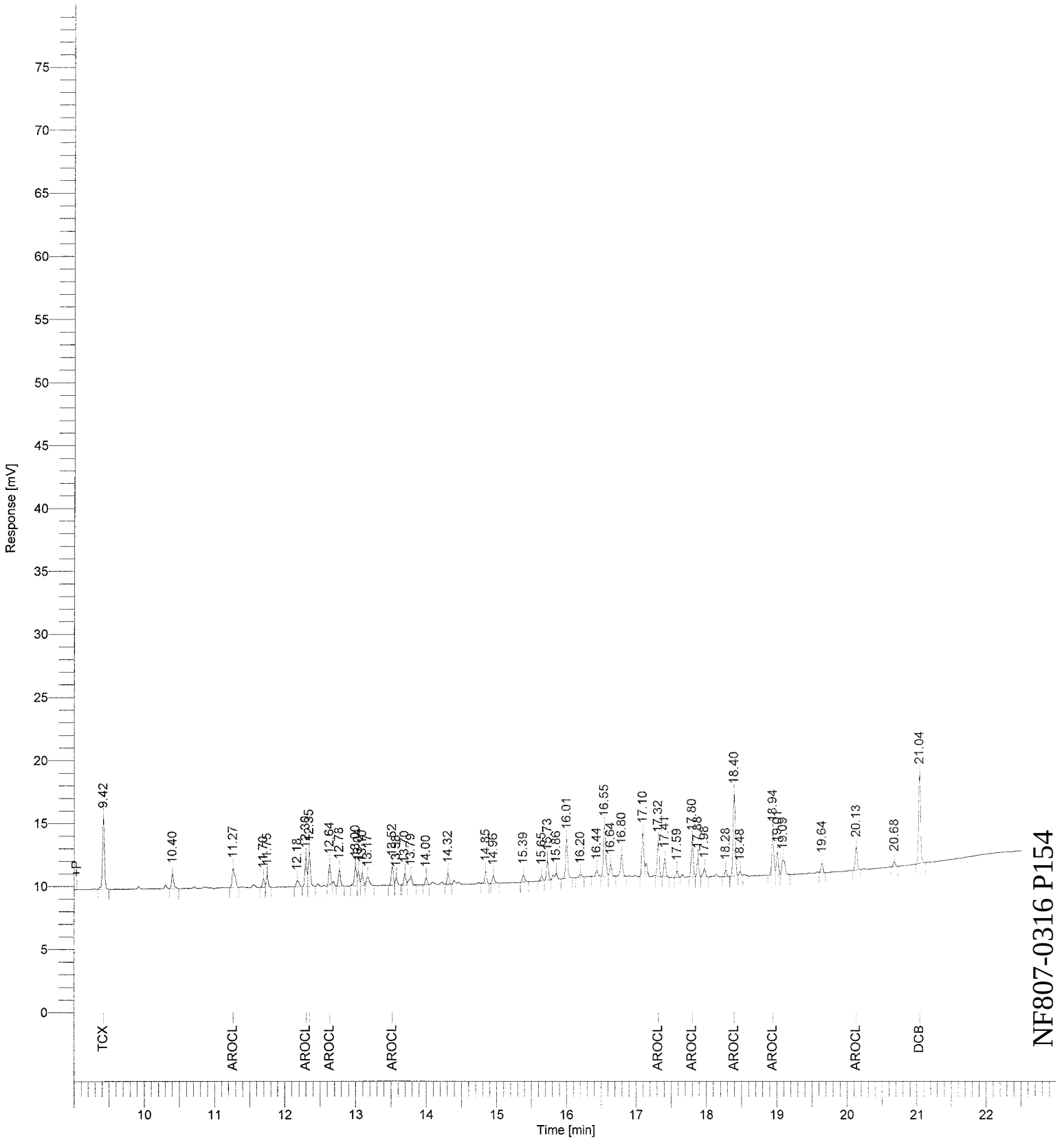
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.0182	15.65	908	0.01816	0.03632	50000
	0.0625	15.73	3125	0.06249	0.12498	50000
	0.0358	15.86	1789	0.03578	0.07156	50000
	0.1260	16.01	6299	0.12597	0.25194	50000
	0.0111	16.20	555	0.01111	0.02221	50000
	0.0230	16.44	1152	0.02304	0.04609	50000
	0.1914	16.55	9571	0.19143	0.38286	50000
	0.0401	16.64	2007	0.04013	0.08027	50000
	0.0786	16.80	3930	0.07859	0.15719	50000
	0.1137	17.10	5683	0.11367	0.22734	50000
AROCLOR-1260-1	0.0250	17.32	5290	0.02500	0.05000	211583
	0.0581	17.41	2905	0.05810	0.11619	50000
	0.0197	17.59	984	0.01969	0.03938	50000
AROCLOR-1260-2	0.0250	17.80	5777	0.02500	0.05000	231083
	0.0564	17.88	2820	0.05640	0.11279	50000
	0.0340	17.98	1699	0.03398	0.06796	50000
	0.0203	18.28	1015	0.02031	0.04062	50000
AROCLOR-1260-3	0.0250	18.40	13415	0.02500	0.05000	536588
	0.0132	18.48	662	0.01323	0.02647	50000
AROCLOR-1260-4	0.0250	18.94	7168	0.02500	0.05000	286709
	0.0739	19.01	3696	0.07392	0.14783	50000
	0.0780	19.09	3902	0.07803	0.15606	50000
	0.0309	19.64	1546	0.03092	0.06185	50000
AROCLOR-1260-5	0.0250	20.13	3690	0.02500	0.05000	147583
	0.0166	20.68	831	0.01663	0.03326	50000
DCB	0.0025	21.04	14724	0.00250	0.00500	5889615
				1.99320	3.98639	14541726

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00093.TX0

NF807-0316 P153

Chromatogram

Sample Name : AR166001 Sample #: 1660LOW Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00093.raw
Date : 4/1/2008 4:42:09 PM
Method : 8121 Time of Injection: 3/13/2008 10:15:14 AM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P154

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87335
Operator : manager
Sample Number : 1660LOW
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 10:15:14 AM

Date : 4/1/2008 3:34:40 PM

Sample Name : AR166001
Study : ical1","ar1660
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00093.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00093.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00093.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00093.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00093.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 57
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0025	9.32	18644	0.00250	0.00500	7457500
	0.0102	10.11	512	0.01024	0.02047	50000
	0.0136	10.46	678	0.01357	0.02714	50000
AROCLOR-1016-1	0.0250	10.60	3656	0.02500	0.05000	146229
	0.0496	11.55	2479	0.04957	0.09915	50000
	0.0057	11.69	283	0.00566	0.01132	50000
	0.0093	11.81	466	0.00932	0.01864	50000
	0.0402	12.02	2012	0.04024	0.08048	50000
	0.0586	12.09	2930	0.05859	0.11719	50000
	0.0887	12.34	4435	0.08870	0.17740	50000
	0.0193	12.39	964	0.01927	0.03854	50000
AROCLOR-1016-2	0.0250	12.53	5928	0.02500	0.05000	237119
AROCLOR-1016-3	0.0250	12.57	8583	0.02500	0.05000	343320
	0.1023	12.85	5113	0.10227	0.20453	50000
	0.0684	13.07	3418	0.06835	0.13671	50000
	0.0234	13.13	1168	0.02335	0.04670	50000
	0.0561	13.28	2804	0.05608	0.11217	50000
AROCLOR-1016-4	0.0250	13.36	2768	0.02500	0.05000	110722
	0.0365	13.44	1823	0.03646	0.07291	50000
AROCLOR-1016-5	0.0250	13.83	4281	0.02500	0.05000	171235
	0.0214	13.91	1070	0.02140	0.04281	50000
	0.0663	14.08	3314	0.06628	0.13256	50000
	0.0207	14.39	1036	0.02073	0.04145	50000

NF807-0316 P155

4/1/2008 3:34:40 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00093.rst

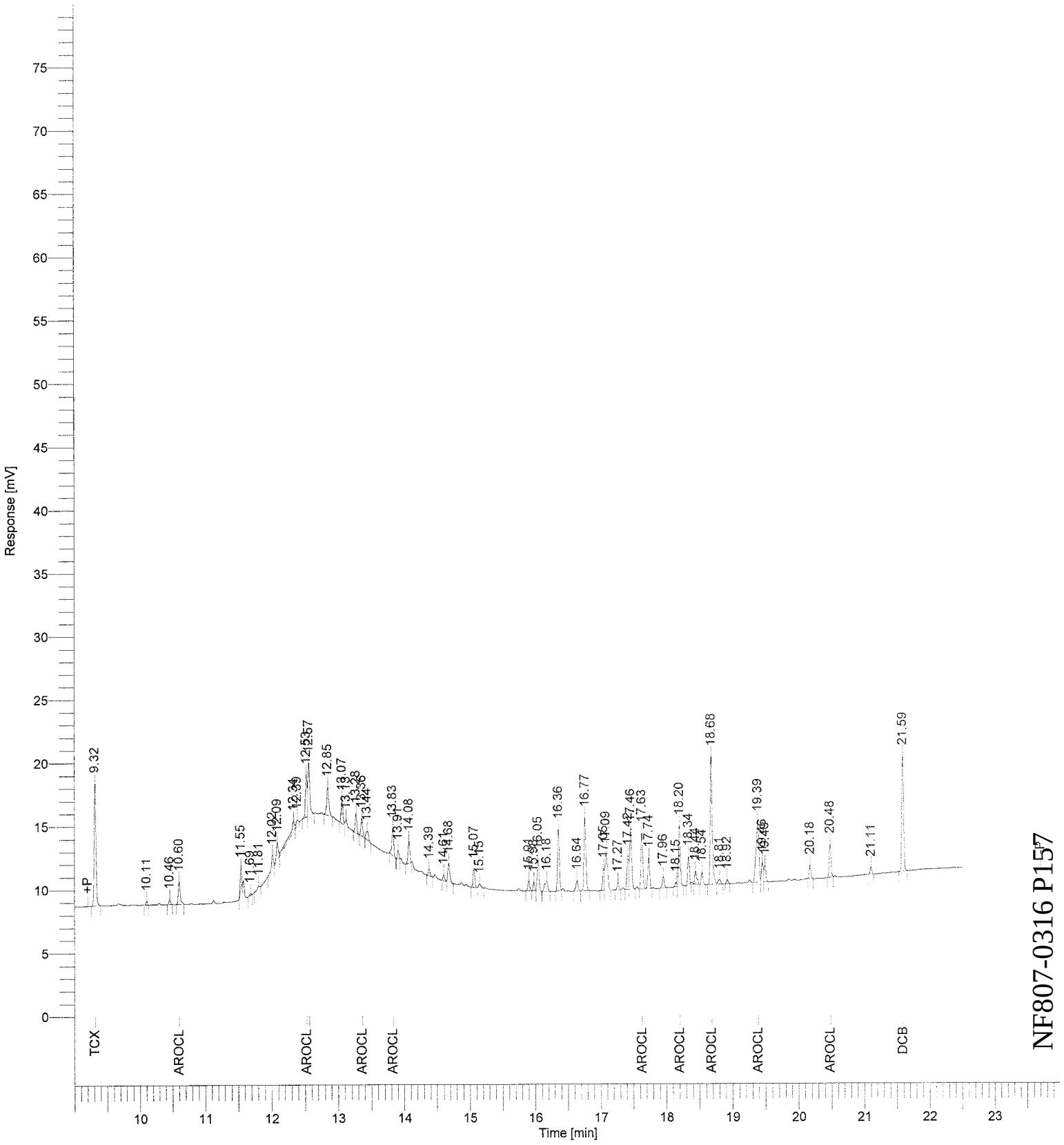
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.0188	14.61	942	0.01884	0.03769	50000
	0.0640	14.68	3199	0.06399	0.12798	50000
	0.0563	15.07	2814	0.05628	0.11256	50000
	0.0160	15.15	801	0.01602	0.03204	50000
	0.0306	15.91	1530	0.03059	0.06119	50000
	0.0250	15.98	1251	0.02502	0.05003	50000
	0.0966	16.05	4829	0.09658	0.19315	50000
	0.0519	16.18	2596	0.05193	0.10386	50000
	0.1859	16.36	9297	0.18595	0.37189	50000
	0.0399	16.64	1994	0.03987	0.07975	50000
	0.2305	16.77	11524	0.23048	0.46096	50000
	0.0587	17.05	2937	0.05874	0.11747	50000
	0.1654	17.09	8269	0.16538	0.33076	50000
	0.0221	17.27	1105	0.02210	0.04421	50000
	0.1033	17.42	5164	0.10329	0.20657	50000
	0.2085	17.46	10424	0.20848	0.41696	50000
AROCLOR-1260-1	0.0250	17.63	8696	0.02500	0.05000	347840
	0.0930	17.74	4650	0.09299	0.18598	50000
	0.0372	17.96	1862	0.03723	0.07447	50000
	0.0116	18.15	582	0.01163	0.02327	50000
AROCLOR-1260-2	0.0250	18.20	9212	0.02500	0.05000	368467
	0.0811	18.34	4056	0.08112	0.16223	50000
	0.0496	18.44	2481	0.04961	0.09922	50000
	0.0372	18.54	1860	0.03721	0.07441	50000
AROCLOR-1260-3	0.0250	18.68	20843	0.02500	0.05000	833733
	0.0213	18.81	1064	0.02128	0.04256	50000
	0.0126	18.92	630	0.01260	0.02520	50000
AROCLOR-1260-4	0.0250	19.39	14578	0.02500	0.05000	583140
	0.0614	19.46	3071	0.06143	0.12285	50000
	0.0505	19.49	2523	0.05046	0.10093	50000
	0.0419	20.18	2094	0.04187	0.08374	50000
AROCLOR-1260-5	0.0250	20.48	5078	0.02500	0.05000	203103
	0.0215	21.11	1077	0.02154	0.04309	50000
DCB	0.0025	21.59	18221	0.00250	0.00500	7288512
				2.83759	5.67518	20340921

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00093.TX0

NF807-0316 P156

Chromatogram

Sample Name : AR166001 Sample #: 1660LOW Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00093.raw
Date : 4/1/2008 4:34:58 PM
Method : 8121 Time of Injection: 3/13/2008 10:15:14 AM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P157

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87336
Operator : manager
Sample Number : 1660wm01
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 10:43:47 AM

Date : 4/1/2008 3:34:46 PM

Sample Name : AR166002
Study : ical1","ar1660
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 3

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00094.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00094.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00094.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00094.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00094.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 60
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0050	9.42	22367	0.00500	0.01000	4473471
	0.0162	9.92	808	0.01616	0.03231	50000
	0.0209	10.30	1046	0.02091	0.04182	50000
	0.0954	10.40	4768	0.09535	0.19071	50000
	0.0111	10.70	554	0.01107	0.02215	50000
AROCLOR-1016-1	0.0500	11.26	8773	0.05000	0.10000	175465
	0.0240	11.55	1198	0.02395	0.04790	50000
	0.0527	11.70	2634	0.05267	0.10534	50000
	0.0727	11.75	3637	0.07275	0.14550	50000
	0.0550	12.18	2748	0.05495	0.10991	50000
AROCLOR-1016-2	0.0500	12.30	8148	0.05000	0.10000	162966
AROCLOR-1016-3	0.0500	12.35	11615	0.05000	0.10000	232294
	0.0211	12.47	1057	0.02115	0.04229	50000
AROCLOR-1016-4	0.0500	12.64	5426	0.05000	0.10000	108524
	0.1001	12.77	5005	0.10009	0.20018	50000
	0.0105	12.95	526	0.01052	0.02103	50000
	0.0837	13.04	4185	0.08371	0.16742	50000
	0.0858	13.09	4289	0.08578	0.17155	50000
	0.0793	13.17	3964	0.07929	0.15858	50000
AROCLOR-1016-5	0.0500	13.52	6306	0.05000	0.10000	126111
	0.0532	13.58	2658	0.05317	0.10634	50000
	0.0746	13.70	3729	0.07457	0.14914	50000
	0.0907	13.79	4535	0.09069	0.18138	50000

NF807-0316 P158

4/1/2008 3:34:46 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00094.rst

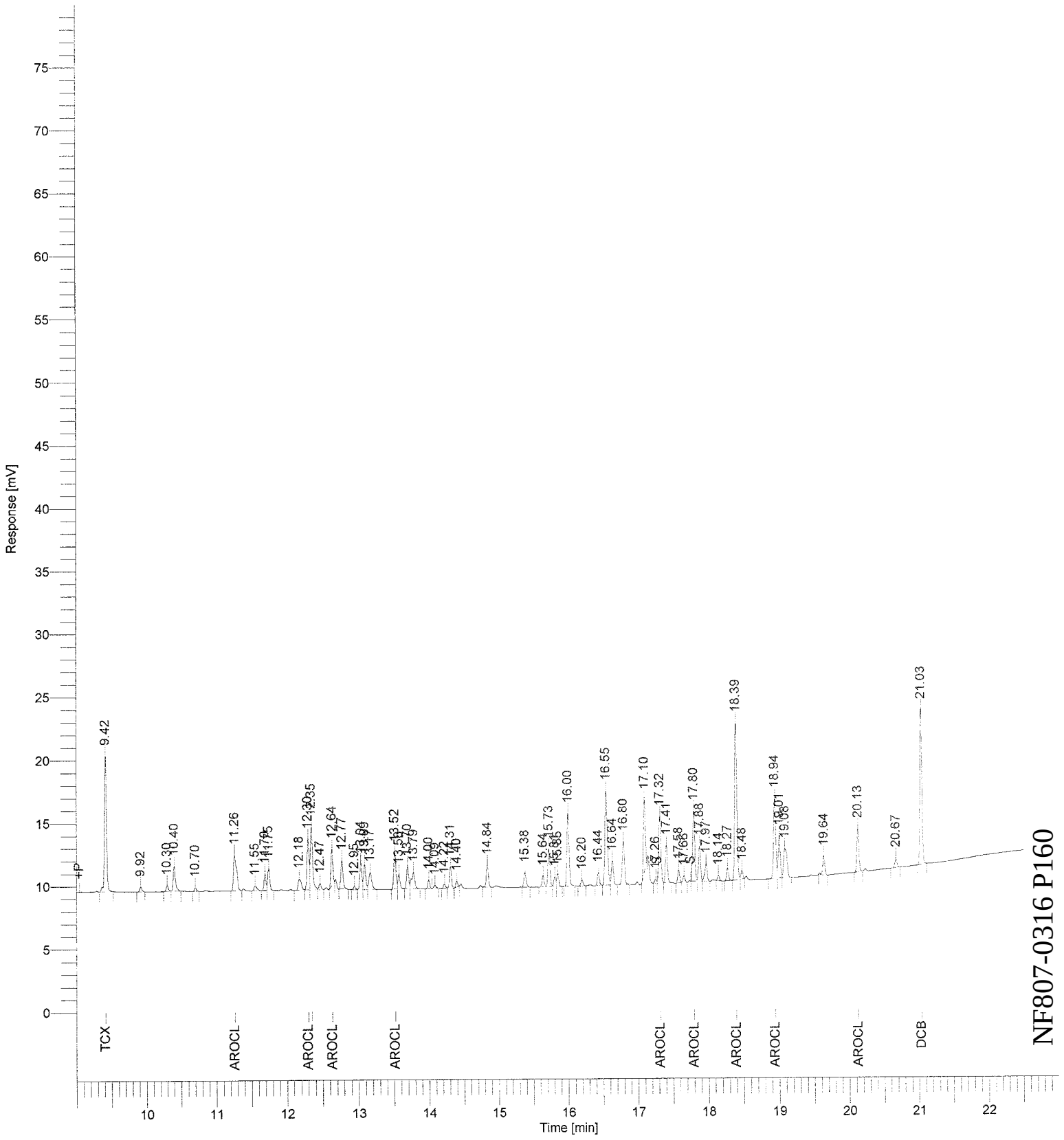
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.0271	14.00	1357	0.02714	0.05428	50000
	0.0087	14.09	435	0.00870	0.01740	50000
	0.0155	14.22	776	0.01552	0.03104	50000
	0.0701	14.31	3506	0.07012	0.14023	50000
	0.0182	14.40	911	0.01822	0.03645	50000
	0.0770	14.84	3849	0.07698	0.15395	50000
	0.0542	15.38	2709	0.05418	0.10837	50000
	0.0371	15.64	1853	0.03706	0.07413	50000
	0.1281	15.73	6403	0.12806	0.25612	50000
	0.0321	15.81	1606	0.03211	0.06422	50000
	0.0430	15.85	2152	0.04305	0.08609	50000
	0.2476	16.00	12382	0.24763	0.49527	50000
	0.0223	16.20	1115	0.02231	0.04461	50000
	0.0430	16.44	2148	0.04295	0.08590	50000
	0.3773	16.55	18867	0.37733	0.75466	50000
	0.0830	16.64	4150	0.08300	0.16600	50000
	0.1600	16.80	8002	0.16004	0.32009	50000
	0.2173	17.10	10865	0.21730	0.43460	50000
	0.0127	17.26	635	0.01269	0.02539	50000
AROCLOR-1260-1	0.0500	17.32	11083	0.05000	0.10000	221657
	0.1219	17.41	6097	0.12194	0.24389	50000
	0.0433	17.58	2163	0.04326	0.08652	50000
	0.0228	17.66	1142	0.02284	0.04568	50000
AROCLOR-1260-2	0.0500	17.80	11605	0.05000	0.10000	232098
	0.1152	17.88	5759	0.11519	0.23037	50000
	0.0692	17.97	3459	0.06918	0.13836	50000
	0.0163	18.14	817	0.01634	0.03269	50000
	0.0422	18.27	2111	0.04222	0.08443	50000
AROCLOR-1260-3	0.0500	18.39	26430	0.05000	0.10000	528597
	0.0284	18.48	1421	0.02842	0.05684	50000
AROCLOR-1260-4	0.0500	18.94	14058	0.05000	0.10000	281159
	0.1451	19.01	7255	0.14510	0.29021	50000
	0.1570	19.08	7852	0.15704	0.31407	50000
	0.0656	19.64	3280	0.06561	0.13122	50000
AROCLOR-1260-5	0.0500	20.13	7213	0.05000	0.10000	144266
	0.0322	20.67	1610	0.03220	0.06440	50000
DCB	0.0050	21.03	25551	0.00500	0.01000	5110174
				3.99053	7.98105	14196784

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00094.TX0

NF807-0316 P159

Chromatogram

Sample Name : AR166002 Sample #: 1660wm01 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00094.raw
Date : 4/1/2008 4:42:11 PM
Method : 8121 Time of Injection: 3/13/2008 10:43:47 AM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87337
Operator : manager
Sample Number : 1660wm01
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 10:43:47 AM

Date : 4/1/2008 3:34:51 PM

Sample Name : AR166002
Study : ical1","ar1660
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 3

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00094.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00094.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00094.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00094.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00094.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 68
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0050	9.32	33778	0.00500	0.01000	6755665
	0.0093	9.67	465	0.00930	0.01861	50000
	0.0200	10.11	998	0.01995	0.03991	50000
	0.0244	10.46	1219	0.02438	0.04876	50000
AROCLOR-1016-1	0.0500	10.61	6478	0.05000	0.10000	129559
	0.0171	11.13	857	0.01714	0.03429	50000
	0.0908	11.55	4541	0.09082	0.18165	50000
	0.0103	11.69	517	0.01034	0.02067	50000
	0.0145	11.81	725	0.01450	0.02901	50000
	0.0789	12.02	3945	0.07889	0.15778	50000
	0.1134	12.09	5671	0.11341	0.22683	50000
	0.0476	12.34	2378	0.04756	0.09513	50000
	0.0306	12.39	1532	0.03063	0.06126	50000
AROCLOR-1016-2	0.0500	12.53	11072	0.05000	0.10000	221445
AROCLOR-1016-3	0.0500	12.57	17473	0.05000	0.10000	349453
	0.2060	12.85	10300	0.20601	0.41202	50000
	0.1379	13.07	6895	0.13791	0.27581	50000
	0.0499	13.13	2494	0.04988	0.09975	50000
	0.1285	13.28	6424	0.12849	0.25697	50000
AROCLOR-1016-4	0.0500	13.37	6929	0.05000	0.10000	138578
	0.1061	13.45	5303	0.10606	0.21212	50000
AROCLOR-1016-5	0.0500	13.83	8805	0.05000	0.10000	176109
	0.0470	13.92	2352	0.04704	0.09407	50000

NF807-0316 P161

4/1/2008 3:34:51 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00094.rst

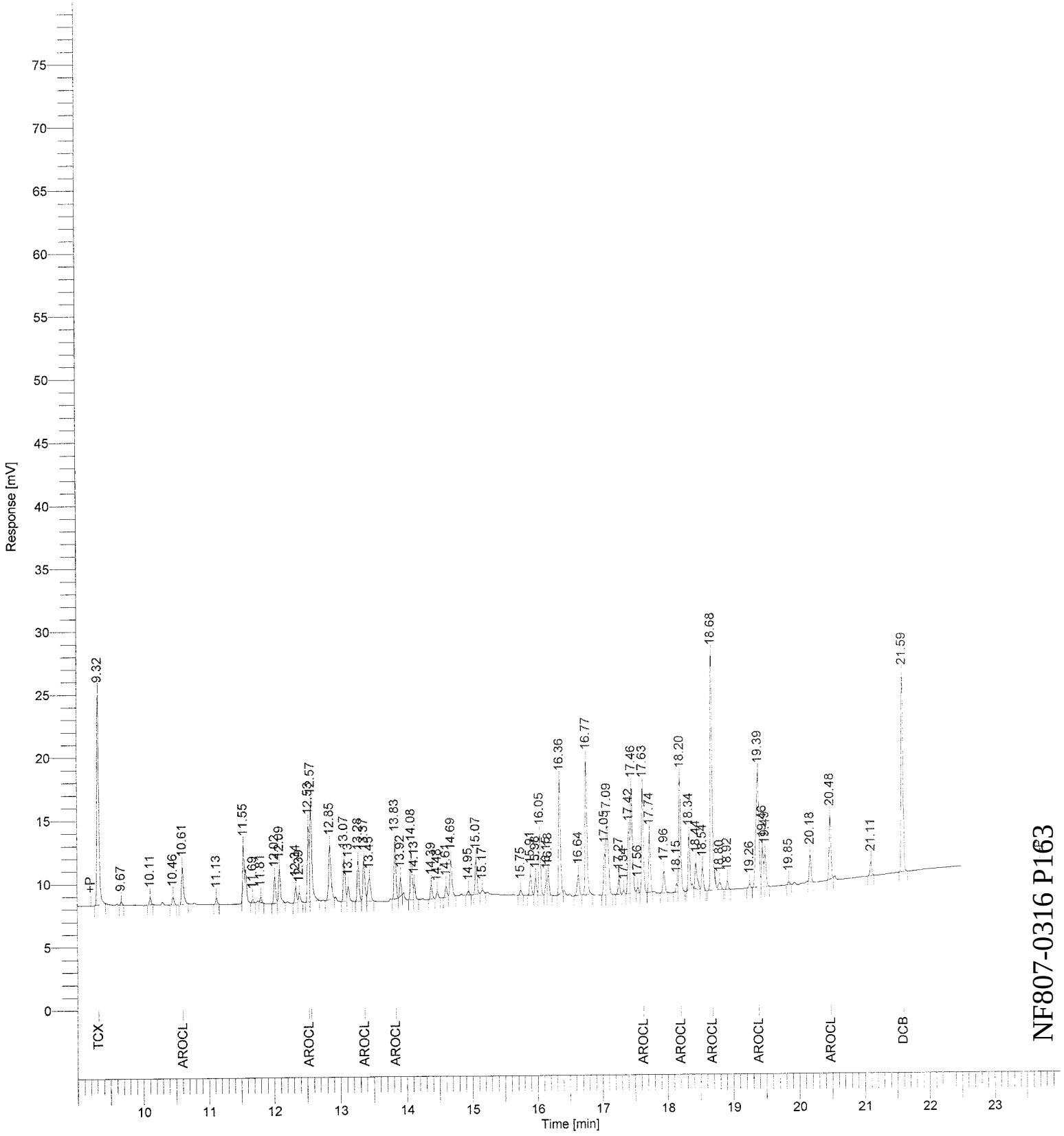
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.1580	14.08	7898	0.15796	0.31593	50000
	0.0464	14.13	2320	0.04640	0.09281	50000
	0.0443	14.39	2214	0.04428	0.08856	50000
	0.0200	14.48	998	0.01996	0.03992	50000
	0.0353	14.61	1767	0.03534	0.07068	50000
	0.1287	14.69	6434	0.12869	0.25738	50000
	0.0121	14.95	607	0.01214	0.02428	50000
	0.1097	15.07	5486	0.10972	0.21944	50000
	0.0133	15.17	666	0.01331	0.02663	50000
	0.0156	15.75	779	0.01558	0.03116	50000
	0.0660	15.91	3298	0.06596	0.13192	50000
	0.0517	15.98	2585	0.05170	0.10339	50000
	0.1934	16.05	9672	0.19343	0.38686	50000
	0.0414	16.15	2069	0.04139	0.08278	50000
	0.0643	16.18	3213	0.06425	0.12850	50000
	0.3500	16.36	17499	0.34997	0.69994	50000
	0.0800	16.64	4000	0.08000	0.16001	50000
	0.4411	16.77	22056	0.44112	0.88224	50000
	0.1067	17.05	5335	0.10670	0.21340	50000
	0.3264	17.09	16322	0.32645	0.65289	50000
	0.0442	17.27	2211	0.04422	0.08844	50000
	0.0101	17.34	506	0.01013	0.02025	50000
	0.1930	17.42	9648	0.19297	0.38593	50000
	0.3980	17.46	19900	0.39800	0.79599	50000
	0.0175	17.56	875	0.01749	0.03499	50000
AROCLOR-1260-1	0.0500	17.63	16497	0.05000	0.10000	329940
	0.1745	17.74	8726	0.17452	0.34903	50000
	0.0734	17.96	3669	0.07339	0.14677	50000
	0.0239	18.15	1196	0.02391	0.04782	50000
AROCLOR-1260-2	0.0500	18.20	18091	0.05000	0.10000	361814
	0.1545	18.34	7723	0.15446	0.30892	50000
	0.0957	18.44	4783	0.09565	0.19130	50000
	0.0722	18.54	3609	0.07219	0.14437	50000
AROCLOR-1260-3	0.0500	18.68	39738	0.05000	0.10000	794762
	0.0415	18.80	2075	0.04150	0.08299	50000
	0.0269	18.92	1345	0.02691	0.05381	50000
	0.0120	19.26	602	0.01204	0.02408	50000
AROCLOR-1260-4	0.0500	19.39	28030	0.05000	0.10000	560601
	0.1239	19.46	6197	0.12394	0.24789	50000
	0.1006	19.49	5031	0.10062	0.20125	50000
	0.0098	19.85	492	0.00984	0.01968	50000
	0.0820	20.18	4102	0.08205	0.16410	50000
AROCLOR-1260-5	0.0500	20.48	9708	0.05000	0.10000	194166
	0.0438	21.11	2188	0.04375	0.08751	50000
DCB	0.0050	21.59	31445	0.00500	0.01000	6289089
				5.64424	11.28849	19101180

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00094.TX0

NF807-0316 P162

Chromatogram

Sample Name : AR166002 Sample #: 1660wm01 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00094.raw
Date : 4/1/2008 4:35:01 PM
Method : 8121 Time of Injection: 3/13/2008 10:43:47 AM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P163

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87338
Operator : manager
Sample Number : 1660wm02
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 11:12:23 AM

Date : 4/1/2008 3:34:57 PM

Sample Name : AR166003
Study : ical2","ar1660
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 4

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00095.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00095.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00095.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00095.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00095.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 67
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0100	9.42	41512	0.01000	0.02000	4151235
	0.0317	9.92	1586	0.03171	0.06343	50000
	0.0387	10.30	1936	0.03872	0.07744	50000
	0.1858	10.40	9290	0.18580	0.37160	50000
	0.0220	10.70	1102	0.02204	0.04409	50000
AROCLOR-1016-1	0.1000	11.26	17096	0.10000	0.20000	170964
	0.0164	11.39	820	0.01641	0.03281	50000
	0.0452	11.56	2260	0.04520	0.09040	50000
	0.1006	11.70	5032	0.10065	0.20130	50000
	0.1388	11.75	6941	0.13882	0.27764	50000
	0.1056	12.18	5281	0.10562	0.21125	50000
AROCLOR-1016-2	0.1000	12.30	15469	0.10000	0.20000	154688
AROCLOR-1016-3	0.1000	12.35	22198	0.10000	0.20000	221984
	0.0406	12.47	2028	0.04056	0.08111	50000
AROCLOR-1016-4	0.1000	12.64	13245	0.10000	0.20000	132446
	0.0600	12.69	2998	0.05995	0.11991	50000
	0.2040	12.77	10199	0.20398	0.40796	50000
	0.0199	12.95	995	0.01991	0.03981	50000
	0.1570	13.04	7851	0.15701	0.31403	50000
	0.1626	13.09	8130	0.16259	0.32518	50000
	0.1428	13.17	7141	0.14281	0.28562	50000
AROCLOR-1016-5	0.1000	13.52	11925	0.10000	0.20000	119246
	0.0999	13.57	4997	0.09994	0.19987	50000

NF807-0316 P164

4/1/2008 3:34:57 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00095.rst

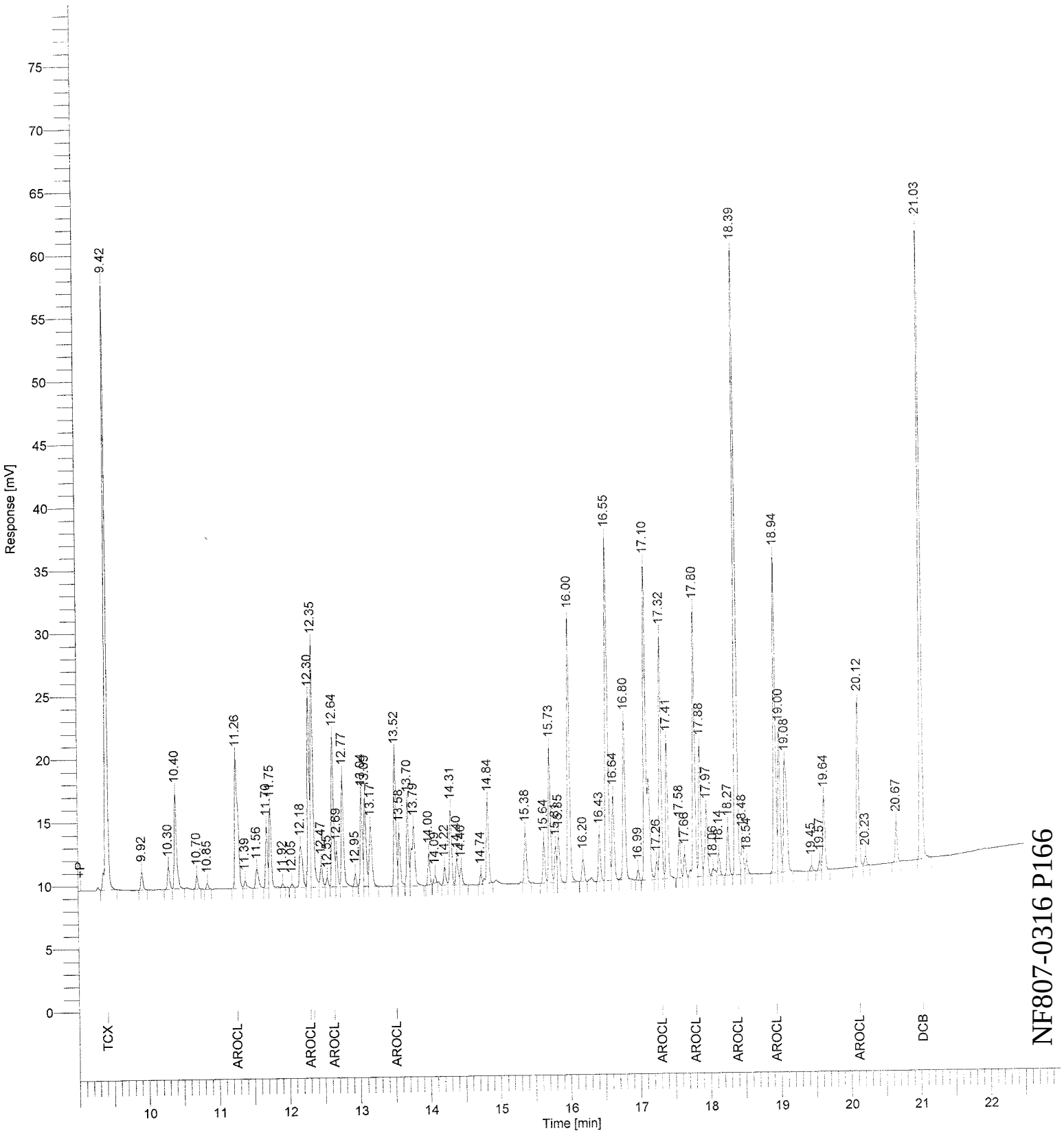
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.1435	13.70	7176	0.14352	0.28705	50000
	0.1723	13.79	8615	0.17230	0.34459	50000
	0.0534	14.00	2669	0.05338	0.10675	50000
	0.0322	14.22	1609	0.03218	0.06436	50000
	0.1391	14.31	6956	0.13913	0.27826	50000
	0.0530	14.40	2652	0.05304	0.10607	50000
	0.0343	14.46	1716	0.03431	0.06863	50000
	0.0162	14.74	811	0.01621	0.03243	50000
	0.1563	14.84	7817	0.15633	0.31266	50000
	0.1030	15.38	5148	0.10296	0.20593	50000
	0.0714	15.64	3570	0.07139	0.14278	50000
	0.2429	15.73	12143	0.24285	0.48570	50000
	0.0619	15.81	3094	0.06188	0.12376	50000
	0.0824	15.85	4120	0.08240	0.16479	50000
	0.4695	16.00	23476	0.46953	0.93906	50000
	0.0428	16.20	2141	0.04283	0.08566	50000
	0.0820	16.44	4102	0.08203	0.16407	50000
	0.7131	16.55	35655	0.71310	1.42619	50000
	0.1599	16.64	7993	0.15986	0.31971	50000
	0.3077	16.80	15387	0.30775	0.61550	50000
	0.0165	16.99	823	0.01647	0.03294	50000
	0.5978	17.10	29891	0.59782	1.19563	50000
	0.1915	17.14	9573	0.19147	0.38293	50000
	0.0318	17.25	1592	0.03185	0.06370	50000
AROCLOR-1260-1	0.1000	17.32	21711	0.10000	0.20000	217110
	0.2492	17.41	12459	0.24918	0.49837	50000
	0.0846	17.58	4228	0.08456	0.16911	50000
	0.0396	17.66	1982	0.03963	0.07926	50000
AROCLOR-1260-2	0.1000	17.80	23746	0.10000	0.20000	237464
	0.2316	17.88	11581	0.23162	0.46324	50000
	0.1391	17.97	6957	0.13915	0.27829	50000
	0.0326	18.14	1632	0.03265	0.06530	50000
	0.0825	18.27	4124	0.08249	0.16497	50000
AROCLOR-1260-3	0.1000	18.39	52696	0.10000	0.20000	526957
	0.0670	18.48	3348	0.06697	0.13394	50000
	0.0250	18.54	1250	0.02501	0.05001	50000
AROCLOR-1260-4	0.1000	18.94	27562	0.10000	0.20000	275621
	0.2544	19.00	12721	0.25442	0.50884	50000
	0.3077	19.08	15387	0.30774	0.61548	50000
	0.1463	19.64	7313	0.14626	0.29252	50000
AROCLOR-1260-5	0.1000	20.12	14492	0.10000	0.20000	144921
	0.0189	20.23	943	0.01886	0.03772	50000
	0.0643	20.67	3214	0.06428	0.12856	50000
DCB	0.0100	21.03	46221	0.01000	0.02000	4622129
				8.30911	16.61822	13724766

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00095.TX0

NF807-0316 P165

Chromatogram

Sample Name : AR166004 Sample #: 1660wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2a00096.raw
Date : 4/1/2008 4:42:17 PM
Method : 8121 Time of Injection: 3/13/2008 11:41:04 AM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87339
Operator : manager
Sample Number : 1660wm02
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 11:12:23 AM

Date : 4/1/2008 3:35:02 PM

Sample Name : AR166003
Study : ical2","ar1660
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 4

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00095.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00095.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00095.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00095.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00095.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 74
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0100	9.32	62681	0.01000	0.02000	6268088
	0.0190	9.67	949	0.01899	0.03798	50000
	0.0415	10.11	2073	0.04147	0.08293	50000
	0.0138	10.30	689	0.01379	0.02757	50000
	0.0486	10.46	2428	0.04856	0.09713	50000
AROCLOR-1016-1	0.1000	10.61	12355	0.10000	0.20000	123551
	0.0339	11.13	1697	0.03394	0.06788	50000
	0.3459	11.55	17293	0.34585	0.69170	50000
	0.1855	11.58	9274	0.18548	0.37095	50000
	0.0328	11.69	1639	0.03279	0.06557	50000
	0.0173	11.76	863	0.01726	0.03451	50000
	0.0394	11.81	1968	0.03937	0.07874	50000
	0.1516	12.02	7582	0.15163	0.30326	50000
	0.2167	12.09	10836	0.21673	0.43346	50000
	0.0914	12.34	4569	0.09137	0.18274	50000
	0.0598	12.39	2988	0.05975	0.11950	50000
AROCLOR-1016-2	0.1000	12.53	21176	0.10000	0.20000	211759
AROCLOR-1016-3	0.1000	12.57	33623	0.10000	0.20000	336234
	0.3916	12.85	19582	0.39164	0.78327	50000
	0.2652	13.07	13260	0.26519	0.53039	50000
	0.0955	13.13	4776	0.09551	0.19103	50000
	0.2391	13.28	11953	0.23907	0.47813	50000
AROCLOR-1016-4	0.1000	13.37	13006	0.10000	0.20000	130060

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4/1/2008 3:35:02 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00095.rst

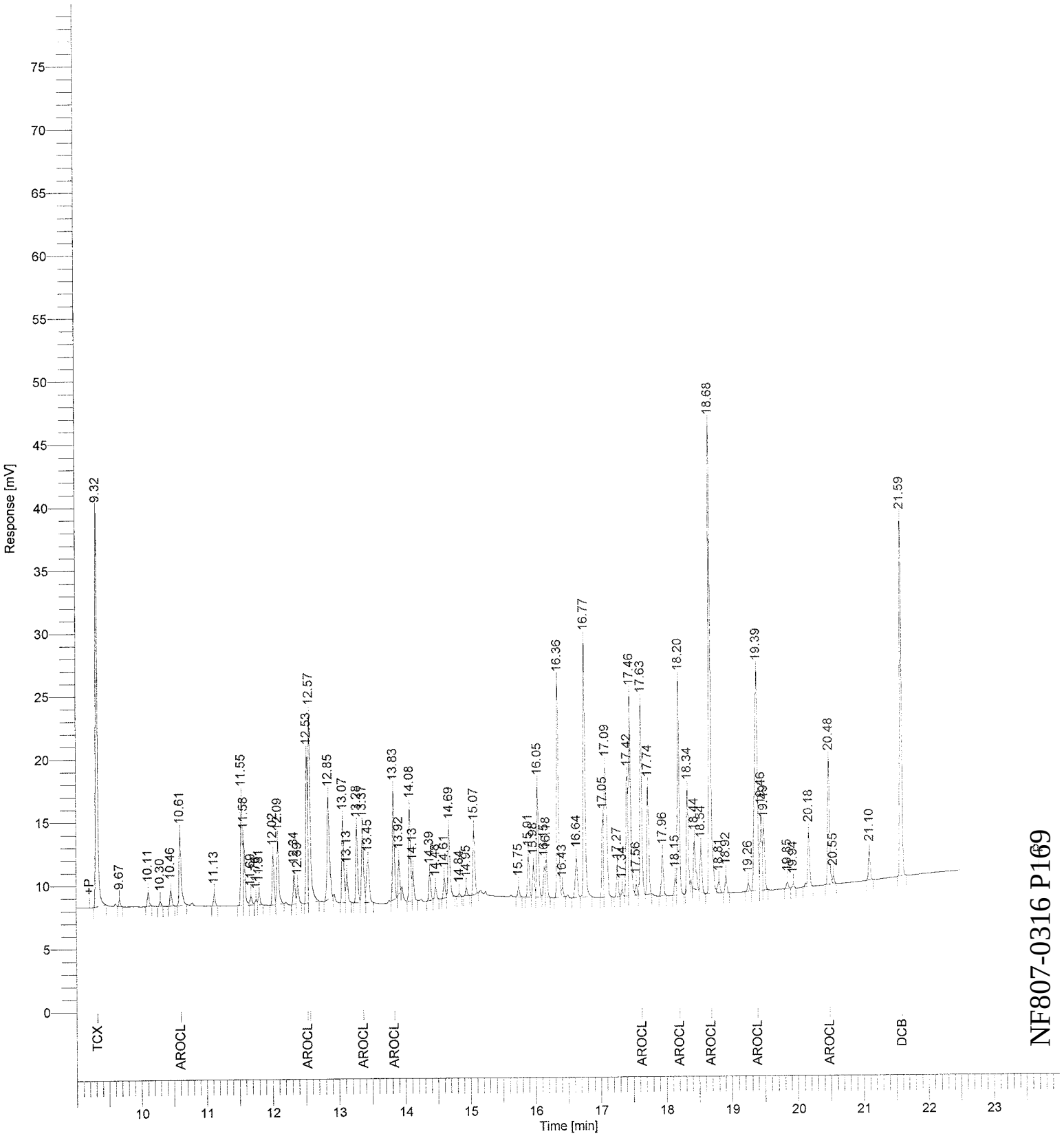
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.2038	13.45	10190	0.20380	0.40759	50000
AROCLOR-1016-5	0.1000	13.83	16731	0.10000	0.20000	167312
	0.0884	13.92	4419	0.08839	0.17677	50000
	0.3013	14.08	15063	0.30126	0.60251	50000
	0.0896	14.13	4481	0.08962	0.17925	50000
	0.0861	14.39	4303	0.08606	0.17212	50000
	0.0408	14.48	2042	0.04084	0.08168	50000
	0.0670	14.61	3350	0.06701	0.13402	50000
	0.2400	14.69	11999	0.23999	0.47998	50000
	0.0089	14.84	444	0.00889	0.01778	50000
	0.0240	14.95	1199	0.02397	0.04794	50000
	0.2017	15.07	10083	0.20166	0.40332	50000
	0.0312	15.75	1562	0.03124	0.06248	50000
	0.1248	15.91	6240	0.12480	0.24959	50000
	0.0993	15.98	4964	0.09928	0.19856	50000
	0.3614	16.05	18071	0.36142	0.72283	50000
	0.0802	16.15	4011	0.08022	0.16043	50000
	0.1207	16.18	6034	0.12068	0.24137	50000
	0.6880	16.36	34398	0.68796	1.37593	50000
	0.0269	16.43	1344	0.02688	0.05375	50000
	0.1511	16.64	7555	0.15110	0.30220	50000
	0.8385	16.77	41923	0.83847	1.67694	50000
	0.2004	17.05	10020	0.20040	0.40081	50000
	0.6183	17.09	30916	0.61832	1.23665	50000
	0.0832	17.27	4162	0.08325	0.16650	50000
	0.0199	17.34	995	0.01990	0.03981	50000
	0.3660	17.42	18300	0.36600	0.73200	50000
	0.7540	17.46	37702	0.75404	1.50808	50000
	0.0321	17.56	1604	0.03208	0.06416	50000
AROCLOR-1260-1	0.1000	17.63	30927	0.10000	0.20000	309268
	0.3322	17.74	16608	0.33216	0.66432	50000
	0.1414	17.96	7072	0.14144	0.28287	50000
	0.0468	18.15	2342	0.04684	0.09369	50000
AROCLOR-1260-2	0.1000	18.20	34505	0.10000	0.20000	345048
	0.2909	18.34	14545	0.29090	0.58180	50000
	0.1810	18.44	9050	0.18101	0.36202	50000
	0.1388	18.54	6938	0.13876	0.27753	50000
AROCLOR-1260-3	0.1000	18.68	78001	0.10000	0.20000	780014
	0.0467	18.81	2337	0.04673	0.09347	50000
	0.0545	18.92	2724	0.05449	0.10897	50000
	0.0239	19.26	1196	0.02391	0.04782	50000
AROCLOR-1260-4	0.1000	19.39	53778	0.10000	0.20000	537785
	0.2386	19.46	11930	0.23860	0.47720	50000
	0.1930	19.49	9649	0.19298	0.38596	50000
	0.0224	19.85	1122	0.02244	0.04487	50000
	0.0133	19.94	667	0.01333	0.02667	50000
	0.1824	20.18	9118	0.18237	0.36473	50000
AROCLOR-1260-5	0.1000	20.48	19892	0.10000	0.20000	198924
	0.0225	20.55	1123	0.02246	0.04493	50000
	0.0867	21.10	4337	0.08674	0.17347	50000
DCB	0.0100	21.59	56259	0.01000	0.02000	5625911
				11.27105	22.54211	18133953

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00095.TX0

NF807-0316 P168

Chromatogram

Sample Name : AR166003 Sample #: 1660wm02
FileName : S:\GC\HP6890-2\2008\03-2008\2b00095.raw
Date : 4/1/2008 4:35:04 PM
Method : 8121 Time of Injection: 3/13/2008 11:12:23 AM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P169

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87340
Operator : manager
Sample Number : 1660wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 11:41:04 AM

Date : 4/1/2008 3:35:08 PM

Sample Name : AR166004
Study : ical3","ar1660
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 5

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00096.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00096.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00096.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00096.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00096.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 74
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0200	9.42	95561	0.02000	0.04000	4778070
	0.0602	9.92	3011	0.06022	0.12044	50000
	0.0774	10.30	3869	0.07737	0.15475	50000
	0.3557	10.40	17783	0.35565	0.71130	50000
	0.0418	10.70	2088	0.04175	0.08350	50000
	0.0177	10.85	887	0.01775	0.03550	50000
AROCLOR-1016-1	0.2000	11.26	31973	0.20000	0.40000	159866
	0.0328	11.39	1639	0.03279	0.06557	50000
	0.0881	11.56	4403	0.08806	0.17612	50000
	0.1925	11.70	9627	0.19253	0.38507	50000
	0.2673	11.75	13367	0.26735	0.53469	50000
	0.0110	11.92	551	0.01103	0.02205	50000
	0.0122	12.05	612	0.01224	0.02447	50000
	0.2070	12.18	10348	0.20697	0.41393	50000
AROCLOR-1016-2	0.2000	12.30	29816	0.20000	0.40000	149079
AROCLOR-1016-3	0.2000	12.35	42870	0.20000	0.40000	214349
	0.0893	12.47	4466	0.08931	0.17862	50000
	0.0335	12.55	1674	0.03347	0.06695	50000
AROCLOR-1016-4	0.2000	12.64	25222	0.20000	0.40000	126111
	0.1133	12.69	5667	0.11334	0.22669	50000
	0.3919	12.77	19595	0.39190	0.78380	50000
	0.0408	12.95	2039	0.04077	0.08154	50000
	0.2907	13.04	14533	0.29065	0.58130	50000

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4/1/2008 3:35:08 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00096.rst

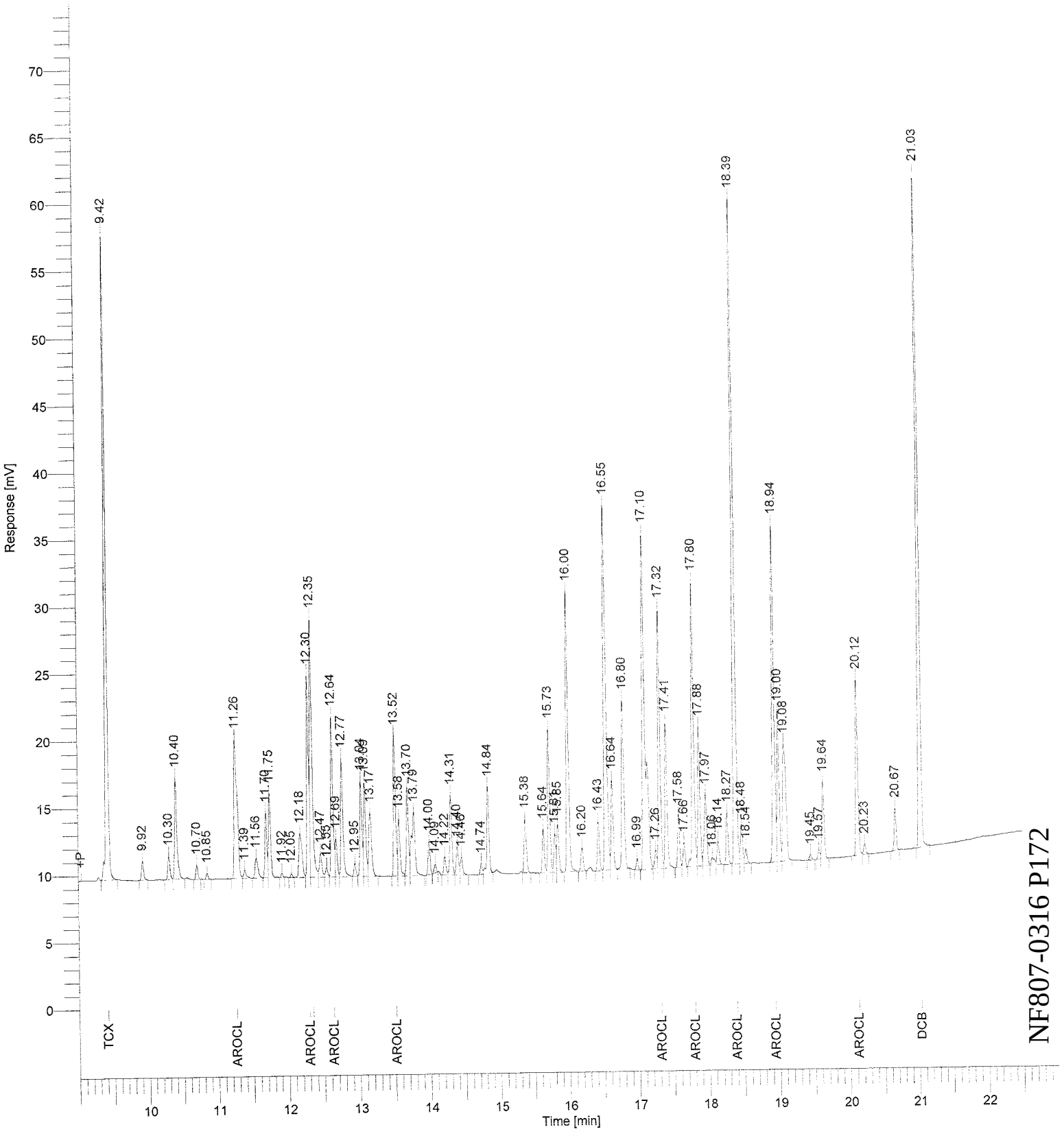
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.2998	13.09	14990	0.29980	0.59959	50000
	0.2650	13.17	13249	0.26498	0.52996	50000
AROCLOR-1016-5	0.2000	13.52	22193	0.20000	0.40000	110965
	0.1871	13.58	9353	0.18706	0.37412	50000
	0.2729	13.70	13644	0.27289	0.54577	50000
	0.3310	13.79	16552	0.33104	0.66209	50000
	0.0994	14.00	4968	0.09936	0.19873	50000
	0.0260	14.09	1302	0.02603	0.05207	50000
	0.0605	14.22	3027	0.06054	0.12108	50000
	0.2546	14.31	12729	0.25458	0.50915	50000
	0.0981	14.40	4904	0.09809	0.19618	50000
	0.0642	14.46	3208	0.06416	0.12832	50000
	0.0315	14.74	1573	0.03145	0.06291	50000
	0.2892	14.84	14460	0.28920	0.57840	50000
	0.1910	15.38	9552	0.19103	0.38206	50000
	0.1359	15.64	6797	0.13595	0.27189	50000
	0.4493	15.73	22463	0.44926	0.89852	50000
	0.1165	15.81	5824	0.11648	0.23297	50000
	0.1547	15.85	7734	0.15467	0.30935	50000
	0.8810	16.00	44052	0.88105	1.76210	50000
	0.0807	16.20	4037	0.08075	0.16149	50000
	0.1544	16.43	7718	0.15436	0.30873	50000
	1.3377	16.55	66886	1.33772	2.67545	50000
	0.2895	16.64	14475	0.28950	0.57899	50000
	0.5800	16.80	29000	0.58000	1.16000	50000
	0.0314	16.99	1568	0.03136	0.06272	50000
	1.4963	17.10	74813	1.49627	2.99253	50000
	0.0603	17.26	3015	0.06030	0.12061	50000
AROCLOR-1260-1	0.2000	17.32	40468	0.20000	0.40000	202341
	0.4645	17.41	23227	0.46454	0.92908	50000
	0.1622	17.58	8111	0.16223	0.32446	50000
	0.0793	17.66	3964	0.07928	0.15857	50000
AROCLOR-1260-2	0.2000	17.80	45688	0.20000	0.40000	228442
	0.4403	17.88	22017	0.44034	0.88067	50000
	0.2735	17.97	13676	0.27351	0.54703	50000
	0.0392	18.06	1961	0.03922	0.07844	50000
	0.0762	18.14	3809	0.07617	0.15235	50000
	0.1590	18.27	7948	0.15896	0.31792	50000
AROCLOR-1260-3	0.2000	18.39	102972	0.20000	0.40000	514860
	0.1328	18.48	6639	0.13279	0.26557	50000
	0.0481	18.54	2404	0.04808	0.09616	50000
AROCLOR-1260-4	0.2000	18.94	53663	0.20000	0.40000	268315
	0.4708	19.00	23540	0.47080	0.94161	50000
	0.5906	19.08	29530	0.59061	1.18121	50000
	0.0175	19.45	874	0.01748	0.03496	50000
	0.0292	19.57	1461	0.02922	0.05844	50000
	0.2519	19.64	12593	0.25187	0.50374	50000
AROCLOR-1260-5	0.2000	20.12	27851	0.20000	0.40000	139253
	0.0343	20.23	1714	0.03427	0.06855	50000
	0.1286	20.67	6429	0.12858	0.25717	50000
DCB	0.0200	21.03	104040	0.02000	0.04000	5201982
				15.99900	31.99800	15193634

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00096.TX0

NF807-0316 P171

Chromatogram

Sample Name : AR166004 Sample #: 1660wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2a00096.raw
Date : 4/1/2008 3:35:11 PM
Method : 8121 Time of Injection: 3/13/2008 11:41:04 AM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 75.00 mV
Plot Offset: 0.00 mV Plot Scale: 75.0 mV



NF807-0316 P172

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87341
Operator : manager
Sample Number : 1660wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 11:41:04 AM

Date : 4/1/2008 3:35:13 PM

Sample Name : AR166004
Study : ical3","ar1660
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 5

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00096.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00096.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00096.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00096.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00096.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 85
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0200	9.32	143691	0.02000	0.04000	7184538
	0.0134	9.60	669	0.01338	0.02676	50000
	0.0371	9.67	1853	0.03706	0.07412	50000
	0.0777	10.11	3883	0.07767	0.15533	50000
	0.0309	10.30	1543	0.03087	0.06173	50000
	0.0932	10.46	4661	0.09321	0.18642	50000
AROCLOR-1016-1	0.2000	10.61	23418	0.20000	0.40000	117092
	0.0226	10.79	1130	0.02260	0.04520	50000
	0.0641	11.13	3207	0.06415	0.12829	50000
	0.6462	11.55	32308	0.64616	1.29231	50000
	0.3435	11.58	17173	0.34346	0.68692	50000
	0.0631	11.69	3155	0.06310	0.12620	50000
	0.0332	11.76	1659	0.03318	0.06635	50000
	0.0753	11.81	3765	0.07530	0.15061	50000
	0.2888	12.02	14439	0.28878	0.57756	50000
	0.4180	12.09	20902	0.41803	0.83607	50000
	0.0159	12.21	797	0.01595	0.03190	50000
	0.1729	12.34	8643	0.17286	0.34571	50000
	0.1155	12.39	5773	0.11545	0.23090	50000
AROCLOR-1016-2	0.2000	12.53	40611	0.20000	0.40000	203054
AROCLOR-1016-3	0.2000	12.57	64000	0.20000	0.40000	319998
	0.8218	12.86	41089	0.82179	1.64358	50000
	0.0377	12.94	1887	0.03773	0.07547	50000

NF807-0316 P173

4/1/2008 3:35:13 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00096.rst

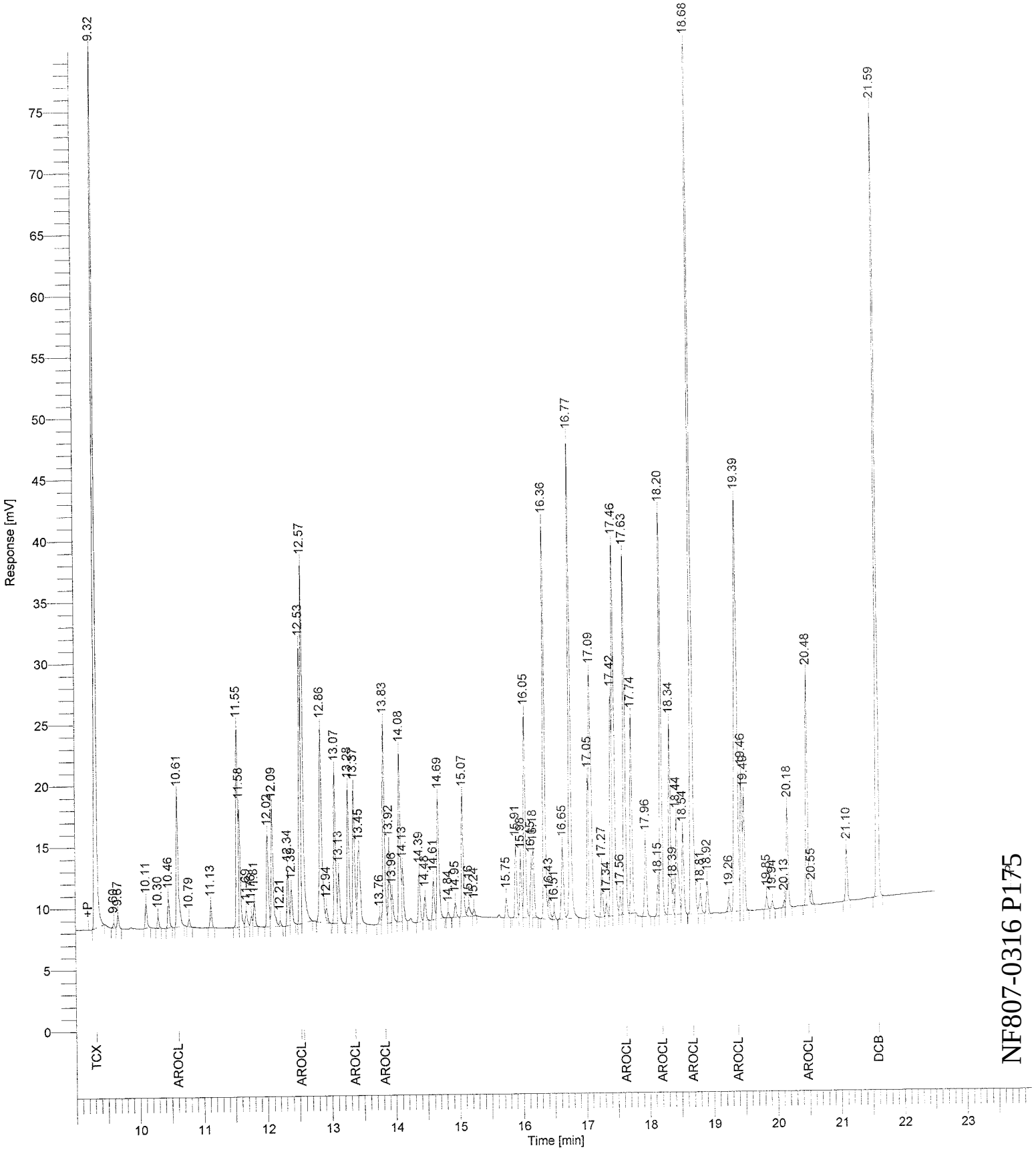
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.5046	13.07	25231	0.50461	1.00923	50000
	0.1805	13.13	9026	0.18053	0.36105	50000
	0.4393	13.28	21966	0.43931	0.87863	50000
AROCLOR-1016-4	0.2000	13.37	24057	0.20000	0.40000	120284
	0.3810	13.45	19051	0.38102	0.76205	50000
	0.0248	13.76	1239	0.02478	0.04955	50000
AROCLOR-1016-5	0.2000	13.83	33900	0.20000	0.40000	169499
	0.2591	13.92	12954	0.25907	0.51815	50000
	0.0975	13.96	4875	0.09751	0.19501	50000
	0.5719	14.08	28596	0.57191	1.14383	50000
	0.1665	14.13	8325	0.16649	0.33299	50000
	0.1634	14.39	8168	0.16335	0.32671	50000
	0.0815	14.48	4074	0.08149	0.16297	50000
	0.1286	14.61	6432	0.12863	0.25727	50000
	0.4458	14.69	22290	0.44580	0.89161	50000
	0.0174	14.84	869	0.01739	0.03477	50000
	0.0481	14.95	2406	0.04813	0.09626	50000
	0.3949	15.07	19745	0.39489	0.78978	50000
	0.0499	15.16	2493	0.04986	0.09971	50000
	0.0230	15.24	1151	0.02302	0.04603	50000
	0.0615	15.75	3076	0.06152	0.12305	50000
	0.2309	15.91	11545	0.23090	0.46180	50000
	0.1885	15.98	9427	0.18854	0.37708	50000
	0.6644	16.05	33221	0.66443	1.32885	50000
	0.1521	16.15	7604	0.15209	0.30418	50000
	0.2223	16.18	11113	0.22227	0.44454	50000
	1.2989	16.36	64944	1.29888	2.59776	50000
	0.0641	16.43	3204	0.06409	0.12817	50000
	0.0266	16.51	1331	0.02663	0.05325	50000
	0.2890	16.65	14449	0.28898	0.57796	50000
	1.5912	16.77	79558	1.59117	3.18234	50000
	0.3703	17.05	18516	0.37032	0.74063	50000
	1.1517	17.09	57587	1.15174	2.30347	50000
	0.1544	17.27	7721	0.15441	0.30882	50000
	0.0381	17.34	1907	0.03814	0.07627	50000
	0.6866	17.42	34332	0.68664	1.37328	50000
	1.4170	17.46	70850	1.41699	2.83399	50000
	0.0611	17.56	3053	0.06106	0.12211	50000
AROCLOR-1260-1	0.2000	17.63	57427	0.20000	0.40000	287136
	0.6158	17.74	30790	0.61579	1.23159	50000
	0.2684	17.96	13421	0.26841	0.53683	50000
	0.0901	18.15	4506	0.09012	0.18024	50000
AROCLOR-1260-2	0.2000	18.20	65116	0.20000	0.40000	325579
	0.6383	18.34	31915	0.63830	1.27659	50000
	0.0529	18.39	2646	0.05293	0.10586	50000
	0.4194	18.44	20972	0.41944	0.83888	50000
	0.2844	18.54	14221	0.28442	0.56884	50000
AROCLOR-1260-3	0.2000	18.68	151619	0.20000	0.40000	758097
	0.0861	18.81	4306	0.08613	0.17225	50000
	0.1039	18.92	5197	0.10394	0.20787	50000
	0.0469	19.26	2344	0.04688	0.09377	50000
AROCLOR-1260-4	0.2000	19.39	103031	0.20000	0.40000	515155
	0.4472	19.46	22362	0.44723	0.89447	50000
	0.3604	19.49	18018	0.36037	0.72073	50000
	0.0431	19.85	2153	0.04307	0.08614	50000
	0.0248	19.94	1238	0.02477	0.04953	50000
	0.0184	20.13	918	0.01836	0.03672	50000
	0.3314	20.18	16570	0.33139	0.66279	50000
AROCLOR-1260-5	0.2000	20.48	37887	0.20000	0.40000	189437
	0.0438	20.55	2191	0.04383	0.08766	50000
	0.1696	21.10	8478	0.16955	0.33911	50000
DCB	0.0200	21.59	126496	0.02000	0.04000	6324796
				22.10222	44.20443	20164666

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00096.TX0

NF807-0316 P174

Chromatogram

Sample Name : AR166004 Sample #: 1660wm03 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00096.raw
Date : 4/1/2008 4:35:07 PM
Method : 8121 Time of Injection: 3/13/2008 11:41:04 AM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P175

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87342
Operator : manager
Sample Number : 1660wm04
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 12:09:41 PM

Date : 4/1/2008 3:35:19 PM

Sample Name : AR166005
Study : ical4","ar1660
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 6

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00097.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00097.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00097.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00097.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00097.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 78
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.0201	9.29	1005	0.02011	0.04022	50000
TCX	0.0400	9.42	192263	0.04000	0.08000	4806581
	0.1235	9.92	6173	0.12347	0.24693	50000
	0.1421	10.30	7103	0.14205	0.28410	50000
	0.7154	10.40	35768	0.71536	1.43072	50000
	0.0864	10.70	4321	0.08642	0.17284	50000
AROCLOR-1016-1	0.4000	11.26	64420	0.40000	0.80000	161050
	0.0647	11.39	3237	0.06474	0.12949	50000
	0.1691	11.56	8456	0.16912	0.33824	50000
	0.3821	11.70	19106	0.38213	0.76426	50000
	0.5155	11.75	25773	0.51547	1.03094	50000
	0.0222	11.92	1111	0.02223	0.04445	50000
	0.0227	12.05	1133	0.02266	0.04532	50000
	0.4096	12.18	20478	0.40956	0.81911	50000
AROCLOR-1016-2	0.4000	12.30	60810	0.40000	0.80000	152024
AROCLOR-1016-3	0.4000	12.35	88151	0.40000	0.80000	220378
	0.1710	12.47	8549	0.17098	0.34195	50000
	0.0614	12.55	3068	0.06136	0.12272	50000
AROCLOR-1016-4	0.4000	12.64	51364	0.40000	0.80000	128409
	0.2261	12.69	11305	0.22611	0.45222	50000
	0.7988	12.77	39941	0.79882	1.59764	50000
	0.0823	12.95	4114	0.08228	0.16455	50000
	0.5691	13.04	28456	0.56911	1.13822	50000

NF807-0316 P176

4/1/2008 3:35:19 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00097.rst

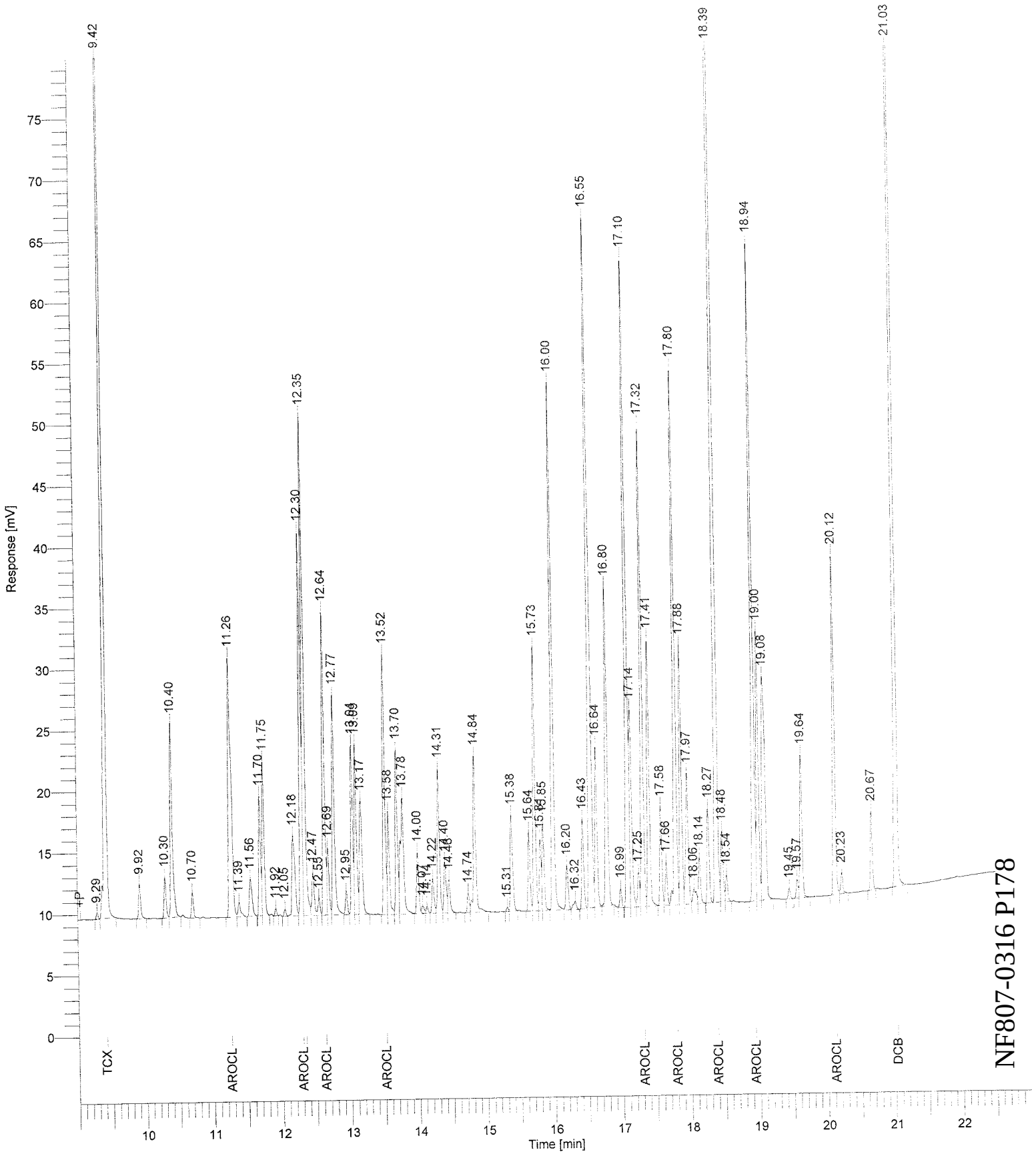
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.5928	13.09	29639	0.59277	1.18554	50000
	0.5176	13.17	25881	0.51761	1.03523	50000
AROCLOR-1016-5	0.4000	13.52	44801	0.40000	0.80000	112002
	0.3732	13.58	18659	0.37317	0.74634	50000
	0.5560	13.70	27798	0.55596	1.11192	50000
	0.6666	13.78	33330	0.66661	1.33322	50000
	0.2175	14.00	10875	0.21749	0.43499	50000
	0.0309	14.07	1544	0.03089	0.06178	50000
	0.0250	14.14	1249	0.02499	0.04998	50000
	0.1228	14.22	6142	0.12284	0.24568	50000
	0.5026	14.31	25129	0.50257	1.00514	50000
	0.1956	14.40	9781	0.19561	0.39122	50000
	0.1272	14.46	6360	0.12720	0.25440	50000
	0.0660	14.74	3299	0.06599	0.13197	50000
	0.6219	14.84	31093	0.62186	1.24372	50000
	0.0120	15.31	602	0.01205	0.02410	50000
	0.3834	15.38	19170	0.38340	0.76679	50000
	0.2730	15.64	13649	0.27298	0.54597	50000
	0.8977	15.73	44885	0.89770	1.79540	50000
	0.2350	15.81	11750	0.23501	0.47002	50000
	0.3091	15.85	15453	0.30906	0.61812	50000
	1.7970	16.00	89851	1.79703	3.59406	50000
	0.1715	16.20	8575	0.17151	0.34301	50000
	0.0442	16.32	2212	0.04425	0.08850	50000
	0.3060	16.43	15301	0.30602	0.61204	50000
	2.7424	16.55	137118	2.74236	5.48471	50000
	0.5678	16.64	28388	0.56775	1.13550	50000
	1.1842	16.80	59211	1.18421	2.36842	50000
	0.0622	16.99	3110	0.06221	0.12442	50000
	2.3753	17.10	118767	2.37535	4.75070	50000
	0.7070	17.14	35349	0.70699	1.41398	50000
	0.1209	17.25	6043	0.12086	0.24172	50000
AROCLOR-1260-1	0.4000	17.32	82239	0.40000	0.80000	205598
	0.9433	17.41	47165	0.94331	1.88661	50000
	0.3346	17.58	16731	0.33463	0.66926	50000
	0.1491	17.66	7455	0.14910	0.29820	50000
AROCLOR-1260-2	0.4000	17.80	93498	0.40000	0.80000	233745
	0.8824	17.88	44121	0.88242	1.76484	50000
	0.5547	17.97	27733	0.55466	1.10931	50000
	0.0858	18.06	4290	0.08580	0.17159	50000
	0.1638	18.14	8189	0.16377	0.32754	50000
	0.3198	18.27	15988	0.31977	0.63954	50000
AROCLOR-1260-3	0.4000	18.39	218720	0.40000	0.80000	546800
	0.2637	18.48	13187	0.26373	0.52747	50000
	0.0959	18.54	4794	0.09589	0.19177	50000
AROCLOR-1260-4	0.4000	18.94	112768	0.40000	0.80000	281920
	0.9294	19.00	46468	0.92937	1.85873	50000
	1.2157	19.08	60784	1.21568	2.43136	50000
	0.0351	19.45	1754	0.03508	0.07016	50000
	0.0609	19.57	3044	0.06089	0.12177	50000
	0.5245	19.64	26227	0.52453	1.04907	50000
AROCLOR-1260-5	0.4000	20.12	58088	0.40000	0.80000	145221
	0.0776	20.23	3881	0.07763	0.15525	50000
	0.2650	20.67	13251	0.26501	0.53002	50000
DCB	0.0400	21.03	203833	0.04000	0.08000	5095832
				32.36751	64.73502	15389559

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00097.TX0

NF807-0316 P177

Chromatogram

Sample Name : AR166005 Sample #: 1660wm04 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00097.raw
Date : 4/1/2008 4:42:20 PM
Method : 8121 Time of Injection: 3/13/2008 12:09:41 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P178

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87343
Operator : manager
Sample Number : 1660wm04
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 12:09:41 PM

Date : 4/1/2008 3:35:24 PM

Sample Name : AR166005
Study : ical4","ar1660
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 6

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00097.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00097.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00097.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00097.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00097.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 86
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0400	9.32	296437	0.04000	0.08000	7410917
	0.0279	9.61	1393	0.02785	0.05570	50000
	0.0770	9.67	3850	0.07700	0.15400	50000
	0.1780	10.11	8902	0.17803	0.35607	50000
	0.0618	10.30	3091	0.06183	0.12365	50000
	0.1994	10.46	9969	0.19938	0.39877	50000
AROCLOR-1016-1	0.4000	10.61	49378	0.40000	0.80000	123445
	0.1295	11.13	6477	0.12954	0.25907	50000
	1.3363	11.55	66815	1.33631	2.67262	50000
	0.6888	11.58	34439	0.68878	1.37756	50000
	0.1287	11.69	6434	0.12869	0.25738	50000
	0.0693	11.76	3465	0.06931	0.13861	50000
	0.1572	11.81	7859	0.15719	0.31437	50000
	0.5865	12.02	29324	0.58649	1.17298	50000
	0.8304	12.10	41519	0.83038	1.66076	50000
	0.0344	12.21	1718	0.03436	0.06871	50000
	0.3459	12.34	17294	0.34588	0.69175	50000
	0.2311	12.39	11553	0.23106	0.46211	50000
AROCLOR-1016-2	0.4000	12.53	86145	0.40000	0.80000	215363
AROCLOR-1016-3	0.4000	12.57	134752	0.40000	0.80000	336881
	1.6902	12.86	84509	1.69018	3.38037	50000
	0.0777	12.94	3885	0.07771	0.15542	50000
	1.0375	13.07	51876	1.03751	2.07503	50000

NF807-0316 P179

4/1/2008 3:35:24 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00097.rst

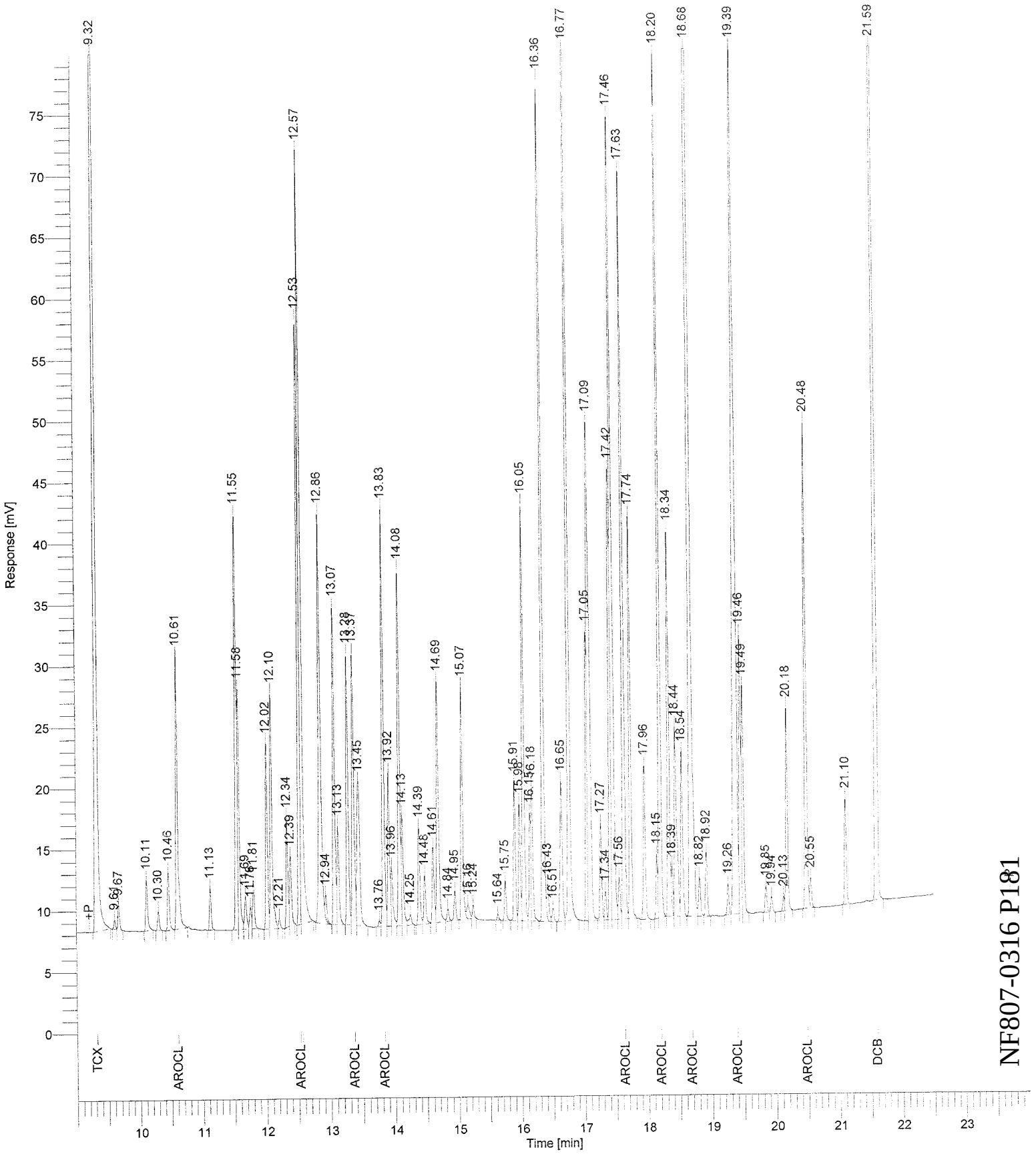
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.3513	13.13	17566	0.35133	0.70266	50000
	0.8680	13.28	43399	0.86798	1.73596	50000
AROCLOR-1016-4	0.4000	13.37	47781	0.40000	0.80000	119453
	0.7565	13.45	37827	0.75654	1.51308	50000
	0.0189	13.76	944	0.01888	0.03777	50000
AROCLOR-1016-5	0.4000	13.83	68678	0.40000	0.80000	171696
	0.5236	13.92	26179	0.52358	1.04716	50000
	0.2124	13.96	10620	0.21240	0.42480	50000
	1.1977	14.08	59886	1.19773	2.39546	50000
	0.3622	14.13	18108	0.36216	0.72432	50000
	0.0535	14.25	2674	0.05348	0.10696	50000
	0.3300	14.39	16500	0.33000	0.66000	50000
	0.1814	14.48	9070	0.18141	0.36282	50000
	0.2646	14.61	13228	0.26456	0.52912	50000
	0.9133	14.69	45664	0.91328	1.82657	50000
	0.0457	14.84	2285	0.04571	0.09141	50000
	0.1009	14.95	5047	0.10093	0.20187	50000
	0.7863	15.07	39316	0.78633	1.57265	50000
	0.0737	15.16	3687	0.07373	0.14746	50000
	0.0435	15.24	2173	0.04345	0.08690	50000
	0.0182	15.64	911	0.01822	0.03644	50000
	0.1270	15.75	6350	0.12701	0.25401	50000
	0.4568	15.91	22842	0.45684	0.91368	50000
	0.3833	15.98	19163	0.38325	0.76651	50000
	1.3444	16.05	67220	1.34440	2.68880	50000
	0.3032	16.15	15158	0.30316	0.60632	50000
	0.4580	16.18	22902	0.45804	0.91609	50000
	2.6666	16.36	133329	2.66659	5.33317	50000
	0.1277	16.43	6385	0.12771	0.25541	50000
	0.0482	16.51	2412	0.04824	0.09648	50000
	0.5633	16.65	28167	0.56334	1.12668	50000
	3.3035	16.77	165174	3.30349	6.60697	50000
	0.7499	17.05	37493	0.74986	1.49971	50000
	2.3811	17.09	119054	2.38109	4.76218	50000
	0.3196	17.27	15978	0.31956	0.63912	50000
	0.0907	17.34	4533	0.09066	0.18133	50000
	1.4504	17.42	72522	1.45045	2.90090	50000
	2.9614	17.46	148072	2.96144	5.92289	50000
	0.1462	17.56	7309	0.14617	0.29235	50000
AROCLOR-1260-1	0.4000	17.63	120704	0.40000	0.80000	301760
	1.3141	17.74	65706	1.31411	2.62822	50000
	0.5454	17.96	27270	0.54539	1.09079	50000
	0.1806	18.15	9030	0.18060	0.36120	50000
AROCLOR-1260-2	0.4000	18.20	135499	0.40000	0.80000	338748
	1.2874	18.34	64370	1.28741	2.57481	50000
	0.1049	18.39	5246	0.10493	0.20986	50000
	0.8406	18.44	42030	0.84061	1.68122	50000
	0.5685	18.54	28425	0.56850	1.13700	50000
AROCLOR-1260-3	0.4000	18.68	325190	0.40000	0.80000	812974
	0.1496	18.82	7480	0.14960	0.29920	50000
	0.2088	18.92	10438	0.20877	0.41753	50000
	0.0968	19.26	4838	0.09675	0.19350	50000
AROCLOR-1260-4	0.4000	19.39	217232	0.40000	0.80000	543081
	0.9097	19.46	45485	0.90971	1.81941	50000
	0.7214	19.49	36071	0.72141	1.44282	50000
	0.0894	19.85	4468	0.08936	0.17873	50000
	0.0523	19.94	2616	0.05231	0.10462	50000
	0.0382	20.13	1909	0.03819	0.07638	50000
	0.6835	20.18	34175	0.68350	1.36701	50000
AROCLOR-1260-5	0.4000	20.48	78806	0.40000	0.80000	197014
	0.0910	20.55	4549	0.09098	0.18196	50000
	0.3474	21.10	17371	0.34742	0.69484	50000
DCB	0.0400	21.59	249857	0.04000	0.08000	6246431
				45.18001	90.36002	20517764

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00097.TX0

NF807-0316 P180

Chromatogram

Sample Name : AR166005 Sample #: 1660wm04 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00097.raw
Date : 4/1/2008 4:35:10 PM
Method : 8121 Time of Injection: 3/13/2008 12:09:41 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P181

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87344
Operator : manager
Sample Number : 1660wm05
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 12:38:13 PM

Date : 4/1/2008 3:35:30 PM

Sample Name : AR166006
Study : ical5","ar1660
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 7

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00098.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00098.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00098.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00098.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00098.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 79
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.0383	9.29	1916	0.03831	0.07662	50000
TCX	0.0800	9.42	405572	0.08000	0.16000	5069653
	0.2338	9.92	11692	0.23385	0.46769	50000
	0.2684	10.30	13419	0.26839	0.53678	50000
	1.4101	10.40	70504	1.41007	2.82015	50000
	0.0383	10.56	1915	0.03830	0.07660	50000
	0.1660	10.70	8299	0.16599	0.33197	50000
AROCLOR-1016-1	0.8000	11.26	124345	0.80000	1.60000	155431
	0.1218	11.39	6088	0.12176	0.24352	50000
	0.3157	11.56	15784	0.31568	0.63137	50000
	0.7334	11.70	36669	0.73339	1.46677	50000
	0.9752	11.75	48761	0.97521	1.95043	50000
	0.0418	11.92	2088	0.04177	0.08353	50000
	0.0439	12.05	2197	0.04394	0.08788	50000
	0.7694	12.18	38468	0.76936	1.53871	50000
AROCLOR-1016-2	0.8000	12.30	119933	0.80000	1.60000	149916
AROCLOR-1016-3	0.8000	12.35	173469	0.80000	1.60000	216837
	0.3074	12.47	15370	0.30741	0.61482	50000
	0.1106	12.55	5528	0.11056	0.22112	50000
AROCLOR-1016-4	0.8000	12.63	99304	0.80000	1.60000	124131
	0.4247	12.69	21234	0.42468	0.84937	50000
	1.5412	12.77	77061	1.54121	3.08242	50000
	0.1546	12.95	7728	0.15455	0.30910	50000

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4/1/2008 3:35:30 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00098.rst

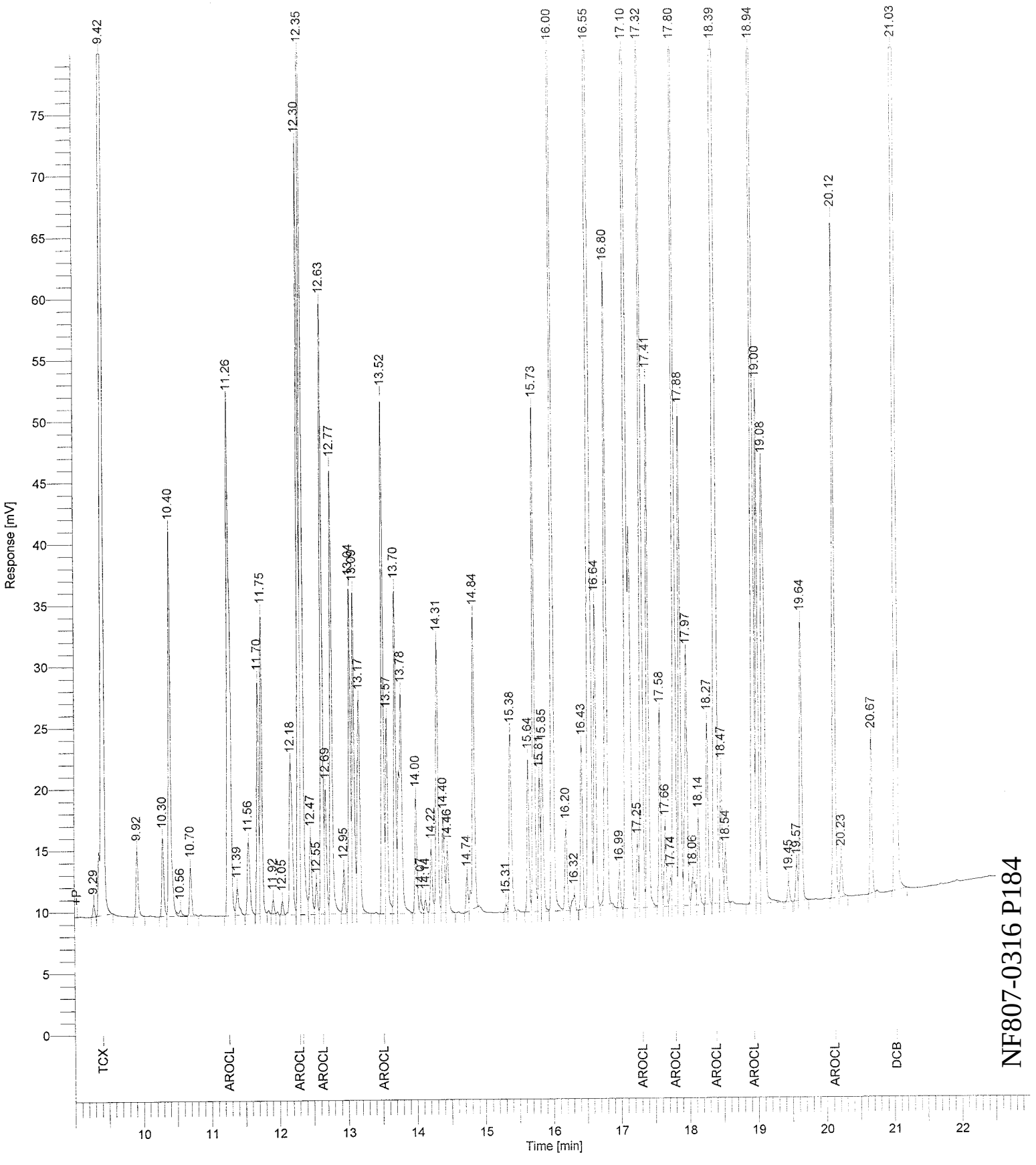
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	1.0634	13.04	53168	1.06335	2.12671	50000
	1.1120	13.09	55598	1.11197	2.22394	50000
	0.9593	13.17	47963	0.95927	1.91853	50000
AROCLOR-1016-5	0.8000	13.52	85755	0.80000	1.60000	107193
	0.6933	13.57	34666	0.69332	1.38663	50000
	1.0689	13.70	53443	1.06886	2.13772	50000
	1.2486	13.78	62428	1.24857	2.49713	50000
	0.4057	14.00	20285	0.40570	0.81140	50000
	0.0479	14.07	2394	0.04787	0.09574	50000
	0.0474	14.14	2369	0.04737	0.09474	50000
	0.2290	14.22	11450	0.22900	0.45799	50000
	0.9334	14.31	46670	0.93340	1.86679	50000
	0.3606	14.40	18029	0.36059	0.72117	50000
	0.2387	14.46	11937	0.23874	0.47749	50000
	0.1153	14.74	5763	0.11525	0.23051	50000
	1.0561	14.84	52805	1.05610	2.11219	50000
	0.0227	15.31	1135	0.02270	0.04540	50000
	0.7053	15.38	35265	0.70530	1.41061	50000
	0.5142	15.64	25710	0.51420	1.02839	50000
	1.6984	15.73	84918	1.69835	3.39671	50000
	0.4409	15.81	22043	0.44087	0.88173	50000
	0.5666	15.85	28331	0.56663	1.13326	50000
	3.4731	16.00	173654	3.47308	6.94616	50000
	0.3170	16.20	15851	0.31702	0.63403	50000
	0.0844	16.32	4220	0.08440	0.16879	50000
	0.5667	16.43	28337	0.56675	1.13349	50000
	5.3699	16.55	268494	5.36988	10.73976	50000
	1.0467	16.64	52334	1.04669	2.09337	50000
	2.3016	16.80	115081	2.30162	4.60324	50000
	0.1175	16.99	5876	0.11751	0.23502	50000
	6.0475	17.10	302375	6.04750	12.09500	50000
	0.2241	17.25	11205	0.22410	0.44820	50000
AROCLOR-1260-1	0.8000	17.32	158884	0.80000	1.60000	198605
	1.8030	17.41	90148	1.80296	3.60591	50000
	0.6388	17.58	31938	0.63876	1.27751	50000
	0.2781	17.66	13906	0.27813	0.55626	50000
	0.0815	17.74	4075	0.08150	0.16300	50000
AROCLOR-1260-2	0.8000	17.80	178031	0.80000	1.60000	222539
	1.6793	17.88	83967	1.67933	3.35867	50000
	1.0389	17.97	51944	1.03887	2.07775	50000
	0.1621	18.06	8104	0.16208	0.32416	50000
	0.3135	18.14	15674	0.31347	0.62695	50000
	0.6070	18.27	30349	0.60698	1.21396	50000
AROCLOR-1260-3	0.8000	18.39	437054	0.80000	1.60000	546317
	0.4889	18.47	24447	0.48894	0.97788	50000
	0.1794	18.54	8969	0.17938	0.35877	50000
AROCLOR-1260-4	0.8000	18.94	223546	0.80000	1.60000	279432
	1.7625	19.00	88126	1.76251	3.52502	50000
	2.3950	19.08	119752	2.39504	4.79009	50000
	0.0671	19.45	3355	0.06710	0.13421	50000
	0.1187	19.57	5934	0.11868	0.23735	50000
	1.0091	19.64	50455	1.00911	2.01822	50000
AROCLOR-1260-5	0.8000	20.12	114307	0.80000	1.60000	142884
	0.1529	20.23	7643	0.15286	0.30573	50000
	0.5172	20.67	25858	0.51716	1.03433	50000
DCB	0.0800	21.03	421454	0.08000	0.16000	5268177
				62.22325	124.44649	15831116

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00098.TX0

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Chromatogram

Sample Name : AR166006 Sample #: 1660wm05 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00098.raw
Date : 4/1/2008 4:42:23 PM
Method : 8121 Time of Injection: 3/13/2008 12:38:13 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P184

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87345
Operator : manager
Sample Number : 1660wm05
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 12:38:13 PM

Date : 4/1/2008 3:35:36 PM

Sample Name : AR166006
Study : ical5","ar1660
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 7

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00098.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00098.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00098.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00098.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00098.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 86
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0800	9.32	633901	0.08000	0.16000	7923769
	0.0724	9.60	3621	0.07242	0.14484	50000
	0.1543	9.67	7716	0.15433	0.30866	50000
	0.3289	10.11	16444	0.32888	0.65777	50000
	0.1252	10.30	6258	0.12516	0.25033	50000
	0.3769	10.46	18844	0.37688	0.75377	50000
AROCLOR-1016-1	0.8000	10.61	96681	0.80000	1.60000	120851
	0.2457	11.13	12284	0.24568	0.49135	50000
	2.6732	11.55	133658	2.67316	5.34631	50000
	1.3064	11.58	65322	1.30644	2.61288	50000
	0.2386	11.68	11929	0.23858	0.47716	50000
	0.1317	11.76	6586	0.13173	0.26346	50000
	0.2993	11.81	14963	0.29926	0.59853	50000
	1.1383	12.02	56916	1.13832	2.27663	50000
	1.5864	12.09	79322	1.58644	3.17287	50000
	0.0717	12.21	3587	0.07174	0.14348	50000
	0.6709	12.34	33545	0.67090	1.34180	50000
	0.4864	12.39	24319	0.48639	0.97278	50000
AROCLOR-1016-2	0.8000	12.53	177574	0.80000	1.60000	221967
AROCLOR-1016-3	0.8000	12.57	271398	0.80000	1.60000	339248
	3.3132	12.85	165662	3.31324	6.62649	50000
	0.1413	12.94	7063	0.14127	0.28254	50000
	2.0495	13.07	102474	2.04948	4.09897	50000

NF807-0316 P185

4/1/2008 3:35:36 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00098.rst

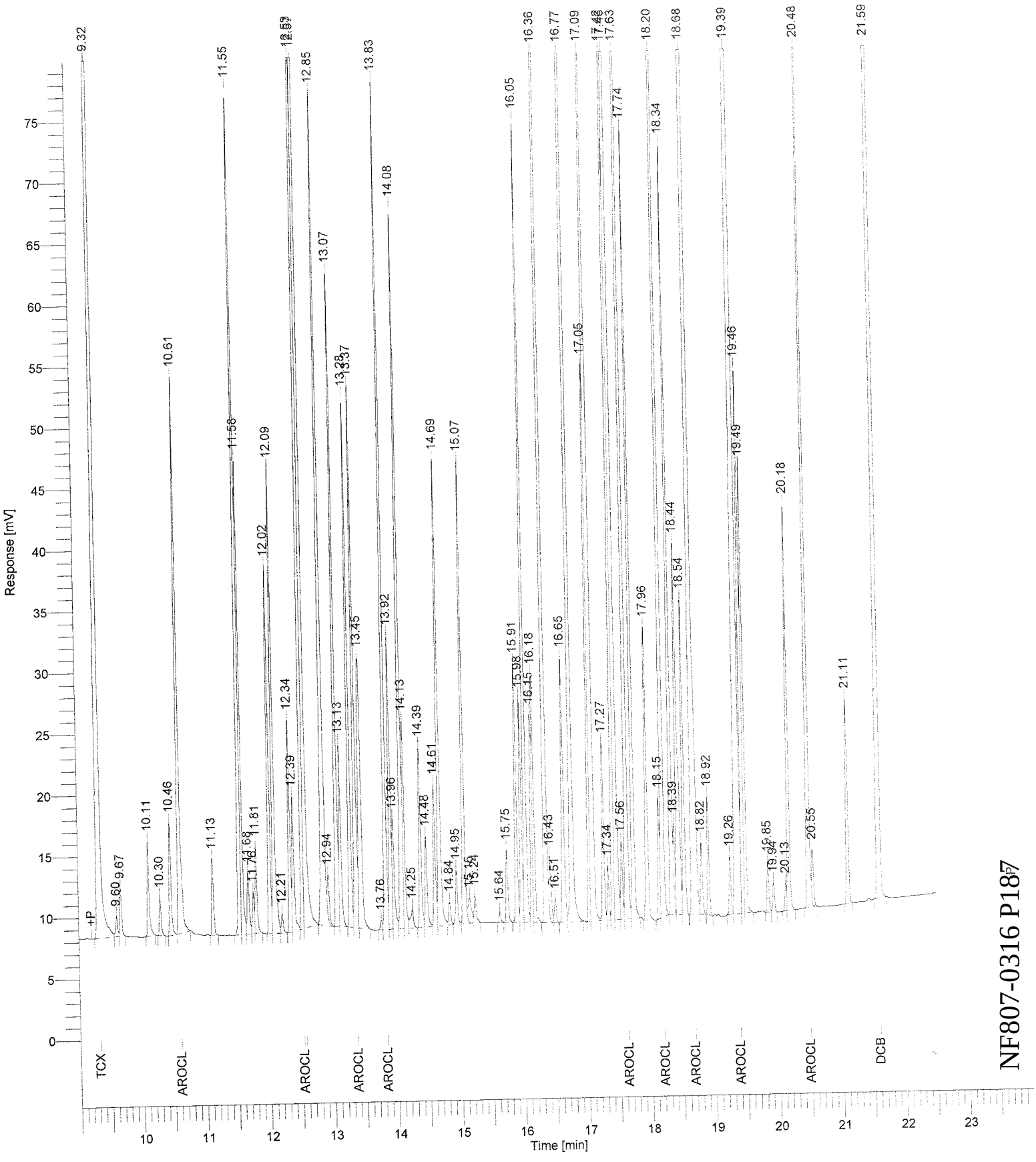
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.6398	13.13	31989	0.63979	1.27958	50000
	1.6505	13.28	82524	1.65049	3.30097	50000
AROCLOR-1016-4	0.8000	13.37	90949	0.80000	1.60000	113686
	1.4120	13.45	70600	1.41201	2.82402	50000
	0.0316	13.76	1580	0.03161	0.06321	50000
AROCLOR-1016-5	0.8000	13.83	134000	0.80000	1.60000	167500
	0.9819	13.92	49097	0.98194	1.96388	50000
	0.3877	13.96	19383	0.38765	0.77530	50000
	2.3547	14.08	117734	2.35468	4.70935	50000
	0.6662	14.13	33308	0.66617	1.33233	50000
	0.1036	14.25	5181	0.10362	0.20724	50000
	0.6167	14.39	30833	0.61666	1.23331	50000
	0.3390	14.48	16950	0.33901	0.67802	50000
	0.4920	14.61	24601	0.49201	0.98402	50000
	1.7196	14.69	85982	1.71965	3.43930	50000
	0.0857	14.84	4283	0.08566	0.17132	50000
	0.1934	14.95	9668	0.19335	0.38670	50000
	1.4921	15.07	74603	1.49206	2.98412	50000
	0.1453	15.16	7266	0.14533	0.29065	50000
	0.0994	15.24	4971	0.09943	0.19886	50000
	0.0360	15.64	1799	0.03598	0.07195	50000
	0.2425	15.75	12123	0.24246	0.48491	50000
	0.8481	15.91	42403	0.84805	1.69611	50000
	0.7258	15.98	36288	0.72577	1.45154	50000
	2.5848	16.05	129242	2.58485	5.16970	50000
	0.5826	16.15	29128	0.58256	1.16511	50000
	0.8347	16.18	41735	0.83469	1.66938	50000
	5.2877	16.36	264383	5.28765	10.57531	50000
	0.2232	16.43	11162	0.22324	0.44648	50000
	0.0853	16.51	4266	0.08531	0.17063	50000
	1.0466	16.65	52329	1.04658	2.09316	50000
	6.5495	16.77	327475	6.54949	13.09898	50000
	1.4501	17.05	72507	1.45013	2.90027	50000
	4.6817	17.09	234084	4.68167	9.36334	50000
	0.5934	17.27	29670	0.59340	1.18680	50000
	0.1705	17.34	8525	0.17050	0.34101	50000
	2.8256	17.42	141279	2.82558	5.65116	50000
	5.9373	17.46	296867	5.93734	11.87468	50000
	0.2647	17.56	13234	0.26469	0.52938	50000
AROCLOR-1260-1	0.8000	17.63	237273	0.80000	1.60000	296592
	2.5394	17.74	126968	2.53937	5.07873	50000
	1.0416	17.96	52079	1.04158	2.08316	50000
	0.3434	18.15	17171	0.34343	0.68686	50000
AROCLOR-1260-2	0.8000	18.20	269433	0.80000	1.60000	336791
	2.4837	18.34	124187	2.48375	4.96750	50000
	0.1939	18.39	9697	0.19393	0.38787	50000
	1.5958	18.44	79791	1.59582	3.19163	50000
	1.0723	18.54	53615	1.07230	2.14460	50000
AROCLOR-1260-3	0.8000	18.68	654226	0.80000	1.60000	817783
	0.2523	18.82	12614	0.25228	0.50456	50000
	0.3819	18.92	19093	0.38187	0.76373	50000
	0.1860	19.26	9301	0.18602	0.37203	50000
AROCLOR-1260-4	0.8000	19.39	437040	0.80000	1.60000	546300
	1.7726	19.46	88630	1.77260	3.54520	50000
	1.3919	19.49	69595	1.39189	2.78379	50000
	0.1699	19.85	8495	0.16991	0.33981	50000
	0.0977	19.94	4886	0.09771	0.19542	50000
	0.0734	20.13	3668	0.07335	0.14670	50000
	1.3265	20.18	66325	1.32650	2.65301	50000
AROCLOR-1260-5	0.8000	20.48	156379	0.80000	1.60000	195474
	0.1770	20.55	8851	0.17703	0.35406	50000
	0.6698	21.11	33490	0.66980	1.33961	50000
DCB	0.0800	21.59	523828	0.08000	0.16000	6547852
				87.72049	175.44097	21327812

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00098.TX0

NF807-0316 P186

Chromatogram

Sample Name : AR166006 Sample #: 1660wm05
FileName : S:\GC\HP6890-2\2008\03-2008\2b00098.raw
Date : 4/1/2008 4:35:13 PM
Method : 8121 Time of Injection: 3/13/2008 12:38:13 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P187

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87346
Operator : manager
Sample Number : 1221wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 1:35:45 PM

Date : 4/1/2008 3:35:41 PM

Sample Name : AR122101
Study : ical3","ar1221
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00100.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00100.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00100.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00100.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\21a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00100.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 39
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.0790	9.08	3948	0.07895	0.15791	50000
	0.0558	9.29	2788	0.05576	0.11152	50000
	0.0837	9.37	4183	0.08366	0.16733	50000
TCX	0.0200	9.42	96232	0.02000	0.04000	4811576
AROCLOR-1221-1	0.4000	9.92	18451	0.40000	0.80000	46128
AROCLOR-1221-2	0.4000	10.30	12577	0.40000	0.80000	31442
AROCLOR-1221-3	0.4000	10.40	46942	0.40000	0.80000	117356
	0.0986	11.27	4930	0.09860	0.19720	50000
	0.0844	11.42	4221	0.08443	0.16886	50000
	0.1342	11.57	6710	0.13420	0.26840	50000
	0.0285	11.70	1424	0.02848	0.05696	50000
	0.0426	11.75	2132	0.04265	0.08529	50000
	0.0122	12.05	611	0.01222	0.02443	50000
	0.0455	12.19	2274	0.04547	0.09095	50000
	0.0693	12.30	3466	0.06933	0.13865	50000
	0.1141	12.35	5704	0.11407	0.22814	50000
	0.0880	12.64	4401	0.08802	0.17604	50000
	0.0554	12.78	2769	0.05539	0.11077	50000
	0.0122	13.00	610	0.01219	0.02438	50000
	0.0221	13.52	1105	0.02210	0.04420	50000
	0.0110	13.70	551	0.01102	0.02204	50000
	0.0283	13.79	1413	0.02826	0.05652	50000
	0.0136	14.22	682	0.01364	0.02728	50000

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4/1/2008 3:35:41 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00100.rst

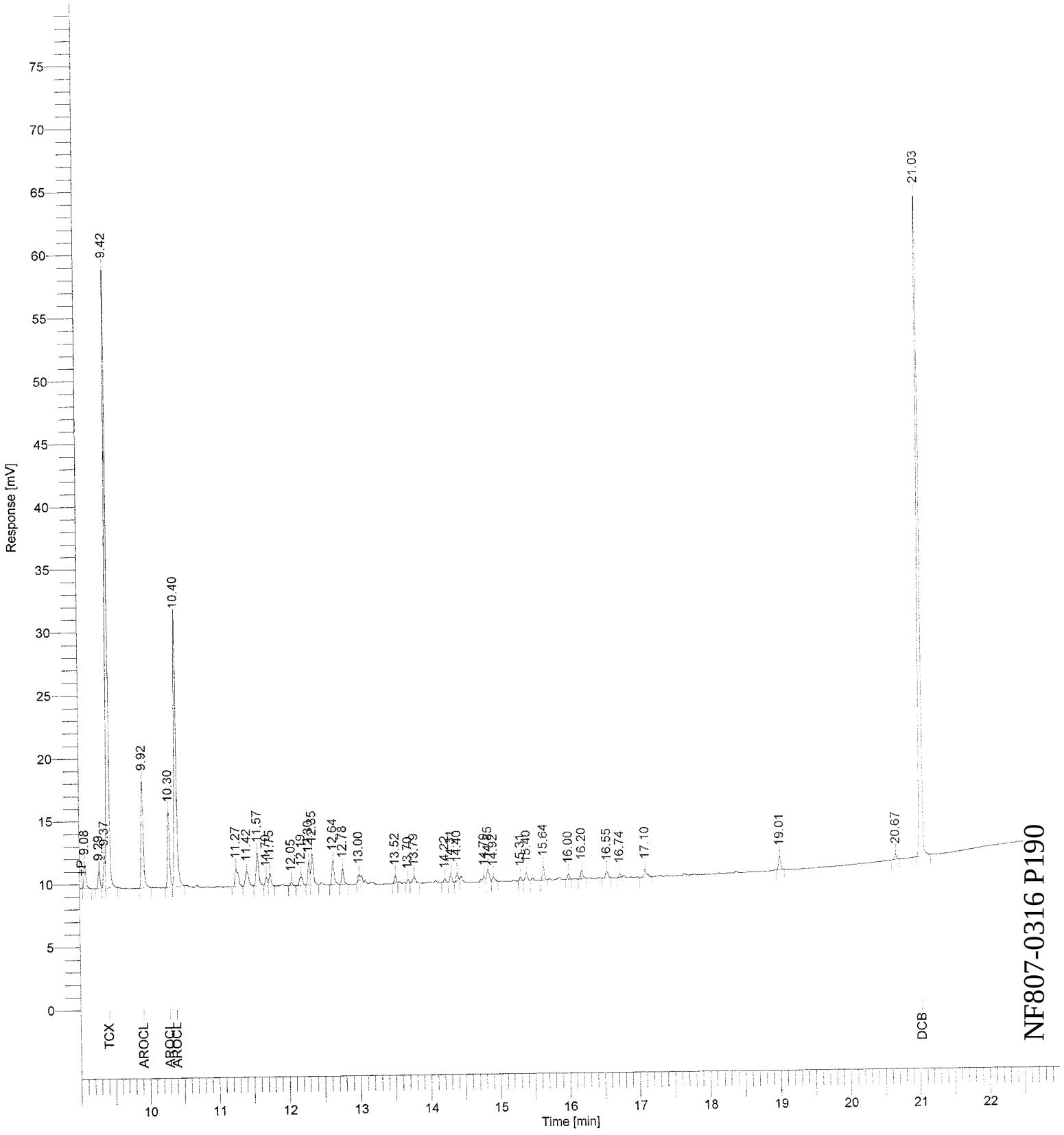
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.0306	14.31	1528	0.03055	0.06110	50000
	0.0236	14.40	1180	0.02360	0.04720	50000
	0.0219	14.79	1097	0.02195	0.04390	50000
	0.0461	14.85	2305	0.04609	0.09218	50000
	0.0178	14.92	890	0.01781	0.03562	50000
	0.0126	15.31	630	0.01260	0.02519	50000
	0.0276	15.40	1381	0.02762	0.05524	50000
	0.0441	15.64	2207	0.04414	0.08829	50000
	0.0162	16.00	810	0.01620	0.03239	50000
	0.0308	16.20	1540	0.03081	0.06162	50000
	0.0297	16.55	1487	0.02974	0.05948	50000
	0.0111	16.74	555	0.01109	0.02219	50000
	0.0388	17.10	1940	0.03879	0.07759	50000
	0.0480	19.01	2400	0.04799	0.09598	50000
	0.0176	20.67	879	0.01758	0.03517	50000
DCB	0.0200	21.03	108887	0.02000	0.04000	5444357
				2.73500	5.47001	12150860

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00100.TX0

NF807-0316 P189

Chromatogram

Sample Name : AR122101 Sample #: 1221wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2a00100.raw
Date : 4/1/2008 4:42:30 PM
Method : 8121 Time of Injection: 3/13/2008 1:35:45 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P190

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87347
Operator : manager
Sample Number : 1221wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 1:35:45 PM

Date : 4/1/2008 3:35:47 PM

Sample Name : AR122101
Study : ical3","ar1221
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00100.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00100.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00100.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00100.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\21b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00100.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 46
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0200	9.32	149480	0.02000	0.04000	7473999
	0.0800	9.61	3998	0.07997	0.15993	50000
	0.1099	9.67	5494	0.10987	0.21974	50000
AROCLOR-1221-1	0.4000	10.11	26941	0.40000	0.80000	67352
	0.0317	10.30	1584	0.03168	0.06336	50000
AROCLOR-1221-2	0.4000	10.46	18030	0.40000	0.80000	45076
AROCLOR-1221-3	0.4000	10.61	67040	0.40000	0.80000	167599
	0.0100	11.13	499	0.00998	0.01996	50000
	0.0878	11.55	4391	0.08783	0.17565	50000
	0.1520	11.69	7601	0.15202	0.30405	50000
	0.0083	11.81	415	0.00830	0.01660	50000
	0.0335	12.02	1676	0.03353	0.06705	50000
	0.0488	12.10	2440	0.04881	0.09761	50000
	0.0145	12.22	724	0.01448	0.02897	50000
	0.0302	12.34	1510	0.03021	0.06041	50000
	0.0320	12.40	1598	0.03195	0.06391	50000
	0.0924	12.54	4620	0.09240	0.18480	50000
	0.1746	12.57	8730	0.17461	0.34921	50000
	0.1048	12.86	5242	0.10483	0.20967	50000
	0.0656	13.07	3281	0.06561	0.13122	50000
	0.0372	13.28	1861	0.03723	0.07445	50000
	0.0194	13.37	970	0.01940	0.03881	50000
	0.0326	13.84	1630	0.03260	0.06520	50000

NF807-0316 P191

4/1/2008 3:35:47 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00100.rst

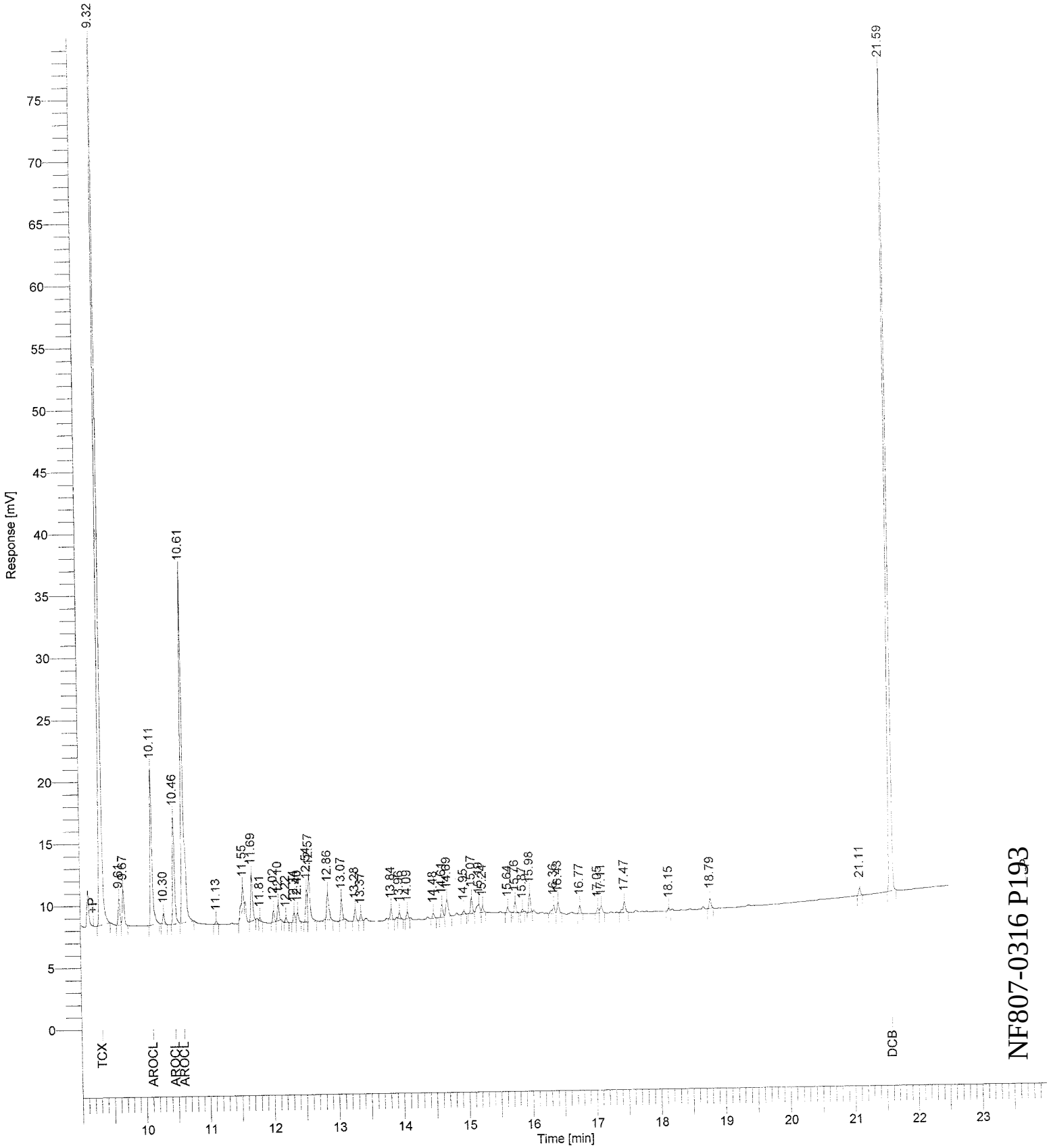
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.0185	13.96	926	0.01851	0.03702	50000
	0.0193	14.09	966	0.01933	0.03866	50000
	0.0160	14.48	799	0.01599	0.03198	50000
	0.0434	14.61	2171	0.04343	0.08685	50000
	0.0749	14.69	3745	0.07489	0.14978	50000
	0.0109	14.95	546	0.01092	0.02185	50000
	0.0533	15.07	2666	0.05332	0.10664	50000
	0.0519	15.19	2595	0.05190	0.10380	50000
	0.0189	15.24	944	0.01888	0.03775	50000
	0.0172	15.64	860	0.01720	0.03439	50000
	0.0331	15.76	1656	0.03311	0.06622	50000
	0.0078	15.87	391	0.00781	0.01562	50000
	0.0585	15.98	2926	0.05852	0.11704	50000
	0.0362	16.36	1809	0.03618	0.07237	50000
	0.0371	16.43	1853	0.03706	0.07413	50000
	0.0242	16.77	1209	0.02418	0.04835	50000
	0.0163	17.05	815	0.01629	0.03259	50000
	0.0295	17.11	1473	0.02947	0.05893	50000
	0.0489	17.47	2443	0.04887	0.09773	50000
	0.0066	18.15	332	0.00664	0.01328	50000
	0.0333	18.79	1665	0.03330	0.06659	50000
	0.0242	21.11	1211	0.02421	0.04843	50000
DCB	0.0200	21.59	130737	0.02000	0.04000	6536856
				3.08530	6.17060	16340882

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00100.TX0

NF807-0316 P192

Chromatogram

Sample Name : AR122101 Sample #: 1221wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2b00100.raw
Date : 4/1/2008 4:31:21 PM
Method : 8121 Time of Injection: 3/13/2008 1:35:45 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P193

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87348
Operator : manager
Sample Number : 1232wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 2:04:21 PM

Date : 4/1/2008 3:35:52 PM

Sample Name : AR123201
Study : ical3","ar1232
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 3

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00101.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00101.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00101.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00101.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\32a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00101.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 50
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.0251	9.08	1255	0.02509	0.05018	50000
	0.0167	9.29	833	0.01666	0.03331	50000
TCX	0.0200	9.42	88139	0.02000	0.04000	4406960
	0.1173	9.92	5864	0.11727	0.23455	50000
	0.0927	10.30	4637	0.09274	0.18548	50000
	0.3965	10.40	19825	0.39649	0.79298	50000
	0.0199	10.70	994	0.01988	0.03976	50000
AROCLOR-1232-1	0.2000	11.26	15702	0.20000	0.40000	78508
	0.0321	11.41	1603	0.03206	0.06412	50000
	0.0729	11.57	3645	0.07289	0.14578	50000
	0.0944	11.70	4718	0.09435	0.18871	50000
	0.1312	11.75	6559	0.13119	0.26238	50000
	0.0105	12.05	526	0.01051	0.02102	50000
	0.0996	12.18	4979	0.09957	0.19915	50000
AROCLOR-1232-2	0.2000	12.30	14190	0.20000	0.40000	70952
AROCLOR-1232-3	0.2000	12.35	20631	0.20000	0.40000	103154
	0.0339	12.47	1694	0.03388	0.06775	50000
	0.2975	12.64	14873	0.29746	0.59493	50000
	0.1923	12.77	9617	0.19234	0.38469	50000
	0.0165	12.95	827	0.01654	0.03308	50000
AROCLOR-1232-4	0.2000	13.04	6600	0.20000	0.40000	32999
	0.1350	13.09	6749	0.13497	0.26995	50000
	0.1153	13.17	5763	0.11526	0.23052	50000

NF807-0316 P194

4/1/2008 3:35:52 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00101.rst

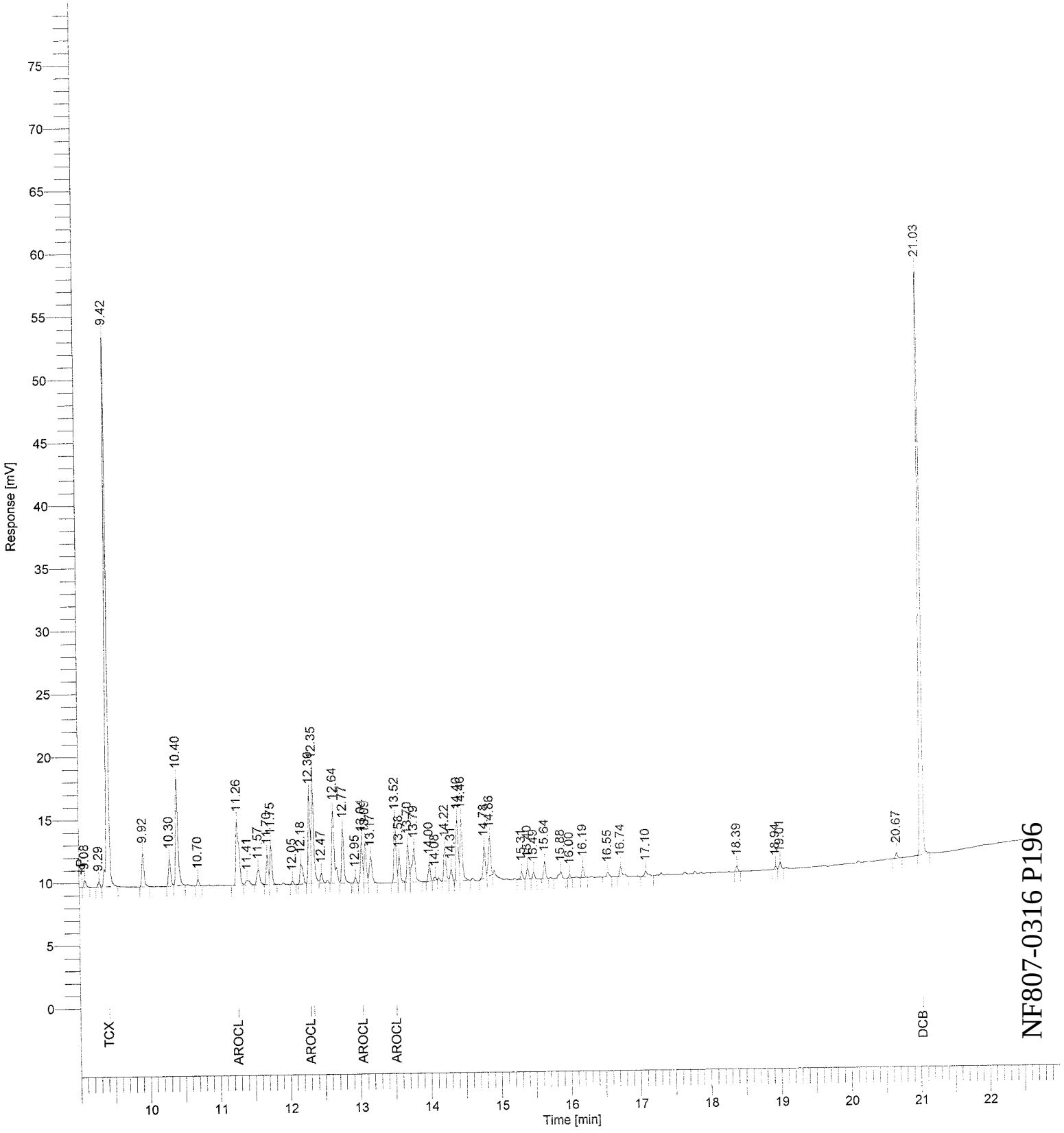
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
AROCLOR-1232-5	0.2000	13.52	10527	0.20000	0.40000	52634
	0.0874	13.58	4368	0.08736	0.17472	50000
	0.1247	13.70	6234	0.12467	0.24935	50000
	0.1741	13.79	8703	0.17407	0.34814	50000
	0.0541	14.00	2703	0.05407	0.10813	50000
	0.0121	14.08	603	0.01206	0.02413	50000
	0.1191	14.22	5954	0.11907	0.23814	50000
	0.0383	14.31	1914	0.03827	0.07655	50000
	0.2115	14.40	10576	0.21151	0.42302	50000
	0.2266	14.46	11332	0.22664	0.45327	50000
	0.1122	14.78	5610	0.11221	0.22441	50000
	0.1377	14.86	6886	0.13772	0.27544	50000
	0.0273	15.31	1367	0.02735	0.05470	50000
	0.0385	15.40	1924	0.03848	0.07696	50000
	0.0225	15.49	1123	0.02245	0.04490	50000
	0.0568	15.64	2838	0.05676	0.11352	50000
	0.0350	15.88	1748	0.03496	0.06992	50000
	0.0098	16.00	490	0.00980	0.01961	50000
	0.0375	16.19	1877	0.03754	0.07508	50000
	0.0199	16.55	996	0.01992	0.03984	50000
	0.0444	16.74	2222	0.04444	0.08888	50000
	0.0290	17.10	1449	0.02897	0.05795	50000
	0.0185	18.39	927	0.01854	0.03708	50000
	0.0100	18.94	498	0.00995	0.01991	50000
	0.0207	19.01	1033	0.02067	0.04133	50000
	0.0174	20.67	869	0.01739	0.03477	50000
DCB	0.0200	21.03	97629	0.02000	0.04000	4881448
				4.62405	9.24809	11776656

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00101.TX0

NF807-0316 P195

Chromatogram

Sample Name : AR123201 Sample #: 1232wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2a00101.raw
Date : 4/1/2008 4:42:33 PM
Method : 8121 Time of Injection: 3/13/2008 2:04:21 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P196

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87349
Operator : manager
Sample Number : 1232wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 2:04:21 PM

Date : 4/1/2008 3:35:58 PM

Sample Name : AR123201
Study : ical3","ar1232
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 3

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00101.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00101.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00101.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00101.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\32b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00101.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 58
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0200	9.32	133147	0.02000	0.04000	6657346
	0.0235	9.60	1174	0.02347	0.04694	50000
	0.0415	9.67	2076	0.04152	0.08304	50000
	0.1659	10.11	8293	0.16585	0.33170	50000
	0.0285	10.30	1425	0.02850	0.05699	50000
	0.1237	10.46	6187	0.12374	0.24747	50000
AROCLOR-1232-1	0.2000	10.61	26863	0.20000	0.40000	134313
	0.0302	11.13	1510	0.03019	0.06039	50000
	0.3342	11.55	16712	0.33425	0.66849	50000
	0.1677	11.58	8384	0.16768	0.33536	50000
	0.0727	11.69	3634	0.07268	0.14537	50000
	0.0160	11.76	798	0.01596	0.03192	50000
	0.0372	11.81	1861	0.03722	0.07444	50000
	0.1418	12.02	7088	0.14177	0.28354	50000
	0.2074	12.09	10369	0.20738	0.41476	50000
	0.0154	12.21	769	0.01538	0.03076	50000
	0.0844	12.34	4222	0.08445	0.16889	50000
	0.0572	12.39	2861	0.05722	0.11445	50000
AROCLOR-1232-2	0.2000	12.53	19038	0.20000	0.40000	95192
AROCLOR-1232-3	0.2000	12.57	30970	0.20000	0.40000	154848
	0.3596	12.86	17980	0.35960	0.71920	50000
	0.2487	13.07	12433	0.24865	0.49731	50000
	0.0784	13.13	3920	0.07839	0.15679	50000

NF807-0316 P197

4/1/2008 3:35:58 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00101.rst

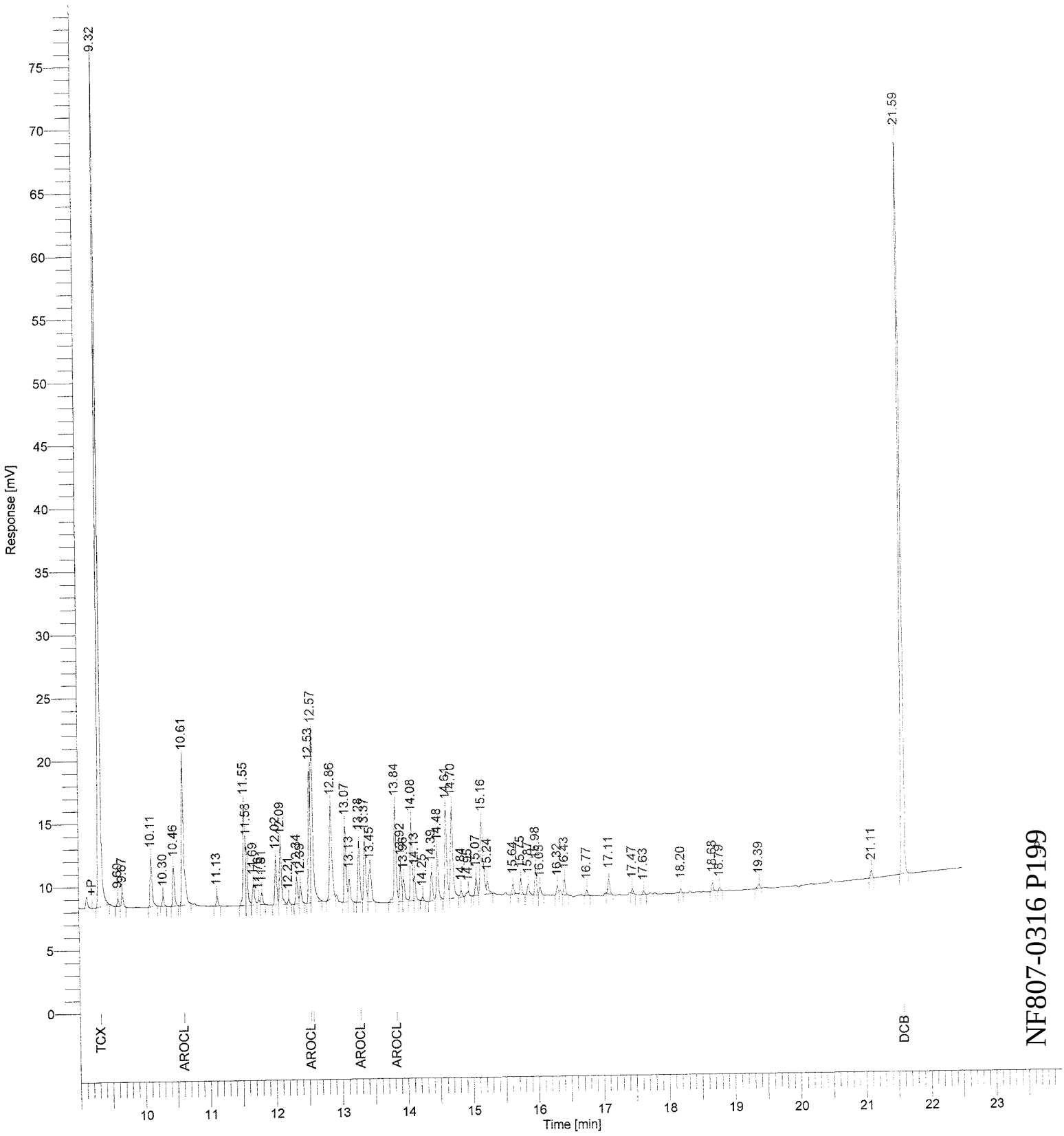
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
AROCLOR-1232-4	0.2000	13.28	9958	0.20000	0.40000	49790
	0.2152	13.37	10762	0.21524	0.43049	50000
	0.1618	13.45	8088	0.16175	0.32350	50000
AROCLOR-1232-5	0.2000	13.84	16497	0.20000	0.40000	82483
	0.1186	13.92	5931	0.11862	0.23724	50000
	0.0802	13.96	4009	0.08019	0.16038	50000
	0.2662	14.08	13312	0.26624	0.53248	50000
	0.0765	14.13	3826	0.07652	0.15304	50000
	0.0116	14.25	579	0.01158	0.02316	50000
	0.0976	14.39	4879	0.09758	0.19515	50000
	0.1714	14.48	8570	0.17140	0.34280	50000
	0.3059	14.61	15293	0.30586	0.61172	50000
	0.3681	14.70	18407	0.36814	0.73627	50000
	0.0243	14.84	1215	0.02431	0.04862	50000
	0.0237	14.95	1183	0.02366	0.04732	50000
	0.0583	15.07	2913	0.05826	0.11651	50000
	0.3831	15.16	19156	0.38312	0.76624	50000
	0.0361	15.24	1807	0.03613	0.07226	50000
	0.0331	15.64	1656	0.03312	0.06623	50000
	0.0485	15.75	2426	0.04852	0.09704	50000
	0.0363	15.87	1813	0.03626	0.07252	50000
	0.0814	15.98	4072	0.08144	0.16289	50000
	0.0266	16.05	1329	0.02657	0.05315	50000
	0.0194	16.32	968	0.01936	0.03872	50000
	0.0481	16.43	2404	0.04809	0.09617	50000
	0.0178	16.77	891	0.01783	0.03565	50000
	0.0512	17.11	2558	0.05117	0.10234	50000
	0.0137	17.47	683	0.01367	0.02733	50000
	0.0110	17.63	550	0.01101	0.02202	50000
	0.0107	18.20	536	0.01073	0.02145	50000
	0.0249	18.68	1246	0.02491	0.04982	50000
	0.0112	18.79	560	0.01120	0.02240	50000
	0.0188	19.39	942	0.01883	0.03766	50000
	0.0233	21.11	1165	0.02330	0.04659	50000
DCB	0.0200	21.59	117321	0.02000	0.04000	5866030
				6.14851	12.29702	15590001

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00101.TX0

NF807-0316 P198

Chromatogram

Sample Name : AR123201 Sample #: 1232wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2b00101.raw
Date : 4/1/2008 4:31:26 PM
Method : 8121 Time of Injection: 3/13/2008 2:04:21 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P199

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87350
Operator : manager
Sample Number : 1242wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 2:33:01 PM

Date : 4/1/2008 3:36:03 PM

Sample Name : AR124201
Study : ical3","ar1242
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 4

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00102.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00102.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00102.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00102.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\42a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00102.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 62
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0200	9.41	113778	0.02000	0.04000	5688905
	0.0627	9.92	3137	0.06275	0.12550	50000
	0.0762	10.30	3812	0.07624	0.15249	50000
	0.3704	10.40	18519	0.37038	0.74076	50000
	0.0434	10.70	2170	0.04340	0.08679	50000
	0.0340	10.85	1701	0.03403	0.06805	50000
AROCLOR-1242-1	0.2000	11.26	33416	0.20000	0.40000	167081
	0.0333	11.39	1665	0.03329	0.06659	50000
	0.0878	11.55	4392	0.08783	0.17566	50000
	0.1979	11.69	9896	0.19793	0.39586	50000
	0.2698	11.75	13492	0.26985	0.53969	50000
	0.0110	11.92	550	0.01101	0.02202	50000
	0.0128	12.05	642	0.01284	0.02568	50000
	0.2171	12.18	10854	0.21707	0.43415	50000
AROCLOR-1242-2	0.2000	12.30	31224	0.20000	0.40000	156118
AROCLOR-1242-3	0.2000	12.35	44951	0.20000	0.40000	224756
	0.0939	12.47	4694	0.09388	0.18775	50000
	0.0340	12.55	1699	0.03398	0.06796	50000
	0.5469	12.63	27346	0.54692	1.09384	50000
	0.1099	12.69	5497	0.10993	0.21987	50000
	0.4220	12.77	21100	0.42199	0.84399	50000
	0.0438	12.95	2192	0.04385	0.08769	50000
	0.3778	13.04	18891	0.37782	0.75565	50000

NF807-0316 P200

4/1/2008 3:36:03 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00102.rst

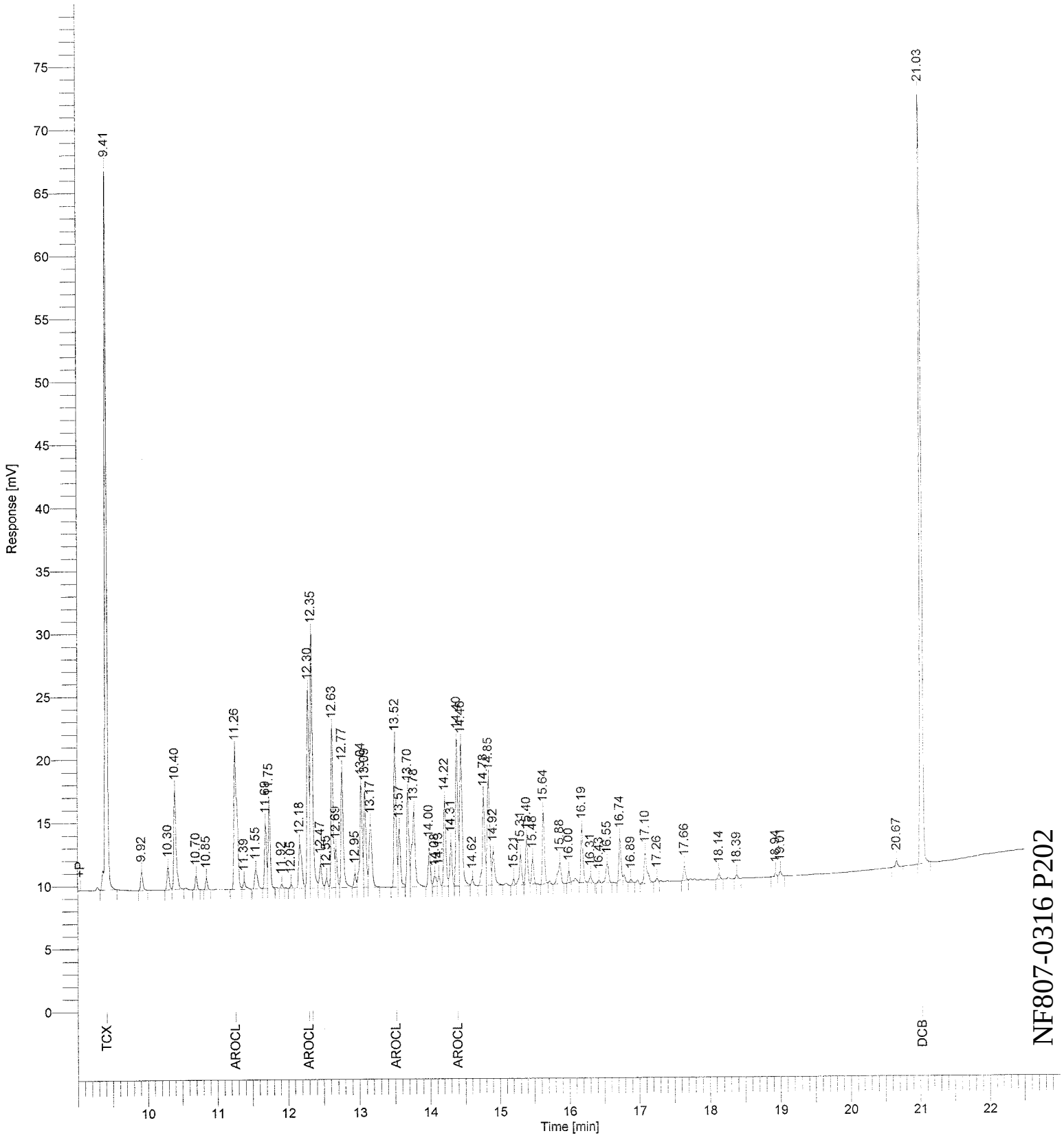
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.3262	13.09	16308	0.32616	0.65233	50000
	0.2835	13.17	14177	0.28354	0.56708	50000
AROCLOR-1242-4	0.2000	13.52	24455	0.20000	0.40000	122274
	0.2056	13.57	10279	0.20557	0.41115	50000
	0.3108	13.70	15540	0.31081	0.62162	50000
	0.4057	13.78	20285	0.40571	0.81141	50000
	0.1294	14.00	6471	0.12941	0.25882	50000
	0.0480	14.08	2401	0.04802	0.09604	50000
	0.0366	14.13	1830	0.03660	0.07321	50000
	0.3014	14.22	15069	0.30138	0.60276	50000
	0.1507	14.31	7537	0.15074	0.30148	50000
AROCLOR-1242-5	0.2000	14.40	25686	0.20000	0.40000	128432
	0.5345	14.46	26725	0.53450	1.06899	50000
	0.0249	14.62	1244	0.02487	0.04974	50000
	0.3507	14.78	17534	0.35068	0.70136	50000
	0.4471	14.85	22353	0.44706	0.89411	50000
	0.1389	14.92	6946	0.13892	0.27785	50000
	0.0198	15.21	989	0.01978	0.03955	50000
	0.1135	15.31	5676	0.11351	0.22702	50000
	0.1525	15.40	7626	0.15253	0.30505	50000
	0.0814	15.48	4068	0.08137	0.16273	50000
	0.2350	15.64	11749	0.23497	0.46995	50000
	0.1067	15.88	5334	0.10667	0.21334	50000
	0.0344	16.00	1720	0.03439	0.06879	50000
	0.1865	16.19	9325	0.18650	0.37301	50000
	0.0272	16.31	1358	0.02716	0.05431	50000
	0.0090	16.43	450	0.00900	0.01800	50000
	0.0872	16.55	4360	0.08720	0.17441	50000
	0.1314	16.74	6570	0.13141	0.26282	50000
	0.0101	16.89	504	0.01008	0.02017	50000
	0.1434	17.10	7169	0.14338	0.28676	50000
	0.0102	17.26	511	0.01023	0.02045	50000
	0.0492	17.66	2458	0.04916	0.09831	50000
	0.0188	18.14	940	0.01880	0.03759	50000
	0.0123	18.39	617	0.01234	0.02469	50000
	0.0112	18.94	558	0.01117	0.02234	50000
	0.0164	19.01	821	0.01643	0.03286	50000
	0.0208	20.67	1042	0.02084	0.04168	50000
DCB	0.0200	21.03	126361	0.02000	0.04000	6318051
				9.25589	18.51178	15555618

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00102.TX0

NF807-0316 P201

Chromatogram

Sample Name : AR124201 Sample #: 1242wm03 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00102.raw
Date : 4/1/2008 4:42:36 PM
Method : 8121 Time of Injection: 3/13/2008 2:33:01 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P202

Software Version	: 6.3.1.0504	Date	: 4/1/2008 4:31:29 PM
Reprocess Number	: I-21865: 87362		
Operator	: manager	Sample Name	: AR124201
Sample Number	: 1242wm03	Study	: ical3","ar1242
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: 6890-2	Channel	: B
Interface Serial #	: 9144290001	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 22.50 min
Sampling Rate	: 4.1660 pts/s		
Sample Volume	: 0.500000 ul		
Sample Amount	: 1.0000	Area Reject	: 5.000000
Data Acquisition Time	: 3/13/2008 2:33:01 PM	Dilution Factor	: 1.00
		Cycle	: 4

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00102.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00102.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00102.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00102.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\42b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00102.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold	: 25	Area Threshold	: 500
Bunch Factor	: 1	Multiplier	: 1.0000
Divisor	: 1.0000	Addend	: 0.0000

User1	: HP6890-2
User2	: Rtx-CLP2
User3	: 0.32
User4	:
User5	:
User6	:
User7	:
User8	:
User9	:
User10	:
Total number of peaks detected	: 70

Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0200	9.32	173371	0.02000	0.04000	8668540
	0.0137	9.60	685	0.01371	0.02742	50000
	0.0384	9.67	1918	0.03836	0.07672	50000
	0.0853	10.11	4264	0.08528	0.17055	50000
	0.0374	10.30	1869	0.03739	0.07477	50000
	0.0960	10.46	4798	0.09597	0.19193	50000
	0.4885	10.61	24427	0.48854	0.97708	50000
	0.0451	10.79	2255	0.04510	0.09021	50000
	0.0673	11.13	3365	0.06730	0.13460	50000
AROCLOR-1242-1	0.2000	11.55	33315	0.20000	0.40000	166575
	0.3695	11.58	18475	0.36951	0.73901	50000
	0.0664	11.69	3319	0.06637	0.13275	50000
	0.0354	11.76	1768	0.03537	0.07073	50000
	0.0806	11.81	4029	0.08058	0.16115	50000
	0.3036	12.02	15179	0.30358	0.60716	50000
	0.4335	12.09	21676	0.43352	0.86703	50000
	0.0204	12.21	1019	0.02039	0.04077	50000
	0.1798	12.34	8989	0.17978	0.35956	50000
	0.1210	12.39	6049	0.12098	0.24195	50000
AROCLOR-1242-2	0.2000	12.53	42491	0.20000	0.40000	212454
AROCLOR-1242-3	0.2000	12.57	67099	0.20000	0.40000	335494
	0.8582	12.85	42910	0.85819	1.71639	50000
	0.0411	12.94	2055	0.04111	0.08221	50000

NF807-0316 P203

4/1/2008 4:31:29 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00102.rst

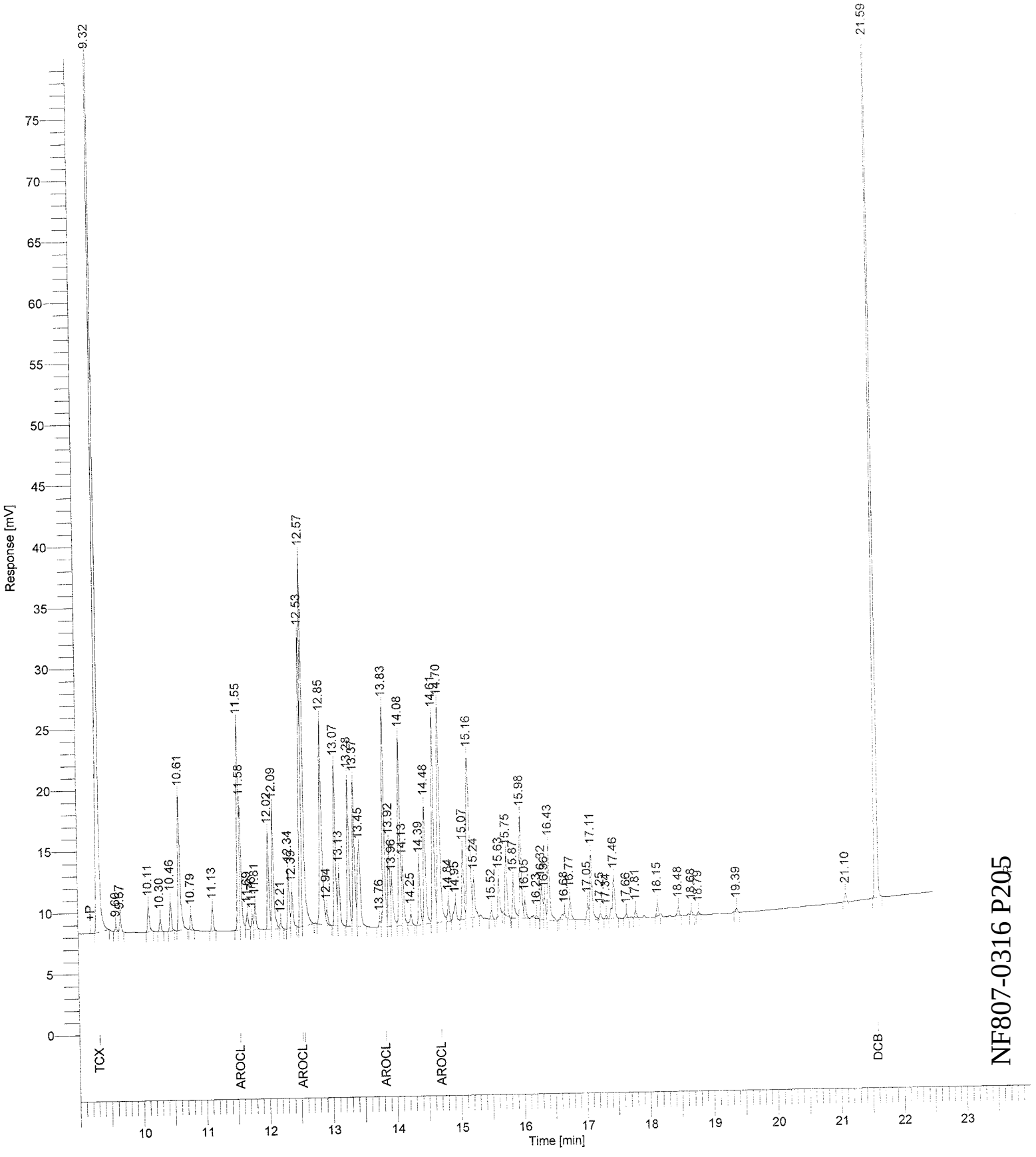
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.5272	13.07	26360	0.52719	1.05439	50000
	0.1903	13.13	9513	0.19027	0.38054	50000
	0.4829	13.28	24147	0.48295	0.96590	50000
	0.5131	13.37	25655	0.51310	1.02620	50000
	0.4021	13.45	20106	0.40213	0.80426	50000
	0.0186	13.76	930	0.01861	0.03722	50000
AROCLOR-1242-4	0.2000	13.83	37288	0.20000	0.40000	186438
	0.2793	13.92	13963	0.27926	0.55852	50000
	0.1745	13.96	8727	0.17455	0.34910	50000
	0.6517	14.08	32583	0.65167	1.30334	50000
	0.2032	14.13	10162	0.20324	0.40648	50000
	0.0464	14.25	2319	0.04638	0.09276	50000
	0.2201	14.39	11003	0.22006	0.44012	50000
	0.4302	14.48	21511	0.43022	0.86045	50000
	0.7235	14.61	36176	0.72352	1.44704	50000
AROCLOR-1242-5	0.2000	14.70	45462	0.20000	0.40000	227308
	0.0762	14.84	3809	0.07617	0.15235	50000
	0.0804	14.95	4019	0.08038	0.16075	50000
	0.2313	15.07	11563	0.23126	0.46252	50000
	0.8723	15.16	43615	0.87229	1.74458	50000
	0.1452	15.24	7259	0.14518	0.29036	50000
	0.0257	15.52	1285	0.02569	0.05138	50000
	0.1229	15.63	6145	0.12290	0.24581	50000
	0.1913	15.75	9566	0.19131	0.38262	50000
	0.1345	15.87	6727	0.13454	0.26907	50000
	0.3494	15.98	17470	0.34940	0.69881	50000
	0.0579	16.05	2895	0.05790	0.11579	50000
	0.0119	16.23	597	0.01193	0.02386	50000
	0.1146	16.32	5728	0.11455	0.22910	50000
	0.0734	16.36	3668	0.07337	0.14674	50000
	0.2902	16.43	14508	0.29015	0.58031	50000
	0.0449	16.68	2243	0.04486	0.08973	50000
	0.0807	16.77	4033	0.08066	0.16133	50000
	0.0519	17.05	2593	0.05185	0.10371	50000
	0.2652	17.11	13262	0.26524	0.53048	50000
	0.0198	17.25	990	0.01980	0.03960	50000
	0.0116	17.34	581	0.01163	0.02325	50000
	0.1806	17.46	9030	0.18061	0.36121	50000
	0.0157	17.66	787	0.01575	0.03150	50000
	0.0240	17.81	1198	0.02396	0.04792	50000
	0.0379	18.15	1896	0.03792	0.07583	50000
	0.0269	18.48	1346	0.02692	0.05385	50000
	0.0138	18.68	690	0.01381	0.02761	50000
	0.0094	18.79	469	0.00937	0.01874	50000
	0.0122	19.39	611	0.01222	0.02444	50000
	0.0281	21.10	1403	0.02806	0.05612	50000
DCB	0.0200	21.59	153408	0.02000	0.04000	7670413
				12.88385	25.76770	20617223

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00102.TX0

NF807-0316 P204

Chromatogram

Sample Name : AR124201 Sample #: 1242wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2b00102.raw
Date : 4/1/2008 4:31:32 PM
Method : 8121 Time of Injection: 3/13/2008 2:33:01 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P205

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87352
Operator : manager
Sample Number : 1248wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 3:01:37 PM

Date : 4/1/2008 3:36:13 PM

Sample Name : AR124801
Study : ical3","ar1248
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 5

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00103.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00103.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00103.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00103.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\48a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00103.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 57
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0200	9.41	102624	0.02000	0.04000	5131189
	0.0847	10.40	4237	0.08475	0.16949	50000
	0.0133	10.70	665	0.01331	0.02662	50000
	0.2947	11.26	14735	0.29469	0.58938	50000
	0.0218	11.55	1092	0.02183	0.04367	50000
	0.0923	11.70	4614	0.09228	0.18456	50000
	0.1022	11.75	5108	0.10217	0.20434	50000
	0.0142	12.05	712	0.01424	0.02849	50000
	0.0645	12.18	3226	0.06453	0.12906	50000
	0.3820	12.30	19101	0.38201	0.76402	50000
AROCLOR-1248-1	0.2000	12.35	22218	0.20000	0.40000	111090
	0.0878	12.47	4392	0.08784	0.17569	50000
	0.0307	12.55	1536	0.03072	0.06145	50000
	0.2172	12.64	10860	0.21720	0.43440	50000
	0.1165	12.69	5826	0.11652	0.23304	50000
	0.1887	12.77	9433	0.18866	0.37732	50000
	0.0429	12.95	2147	0.04294	0.08588	50000
AROCLOR-1248-2	0.2000	13.04	22532	0.20000	0.40000	112661
	0.3830	13.09	19148	0.38297	0.76594	50000
	0.3068	13.17	15339	0.30679	0.61357	50000
	0.6194	13.52	30968	0.61935	1.23870	50000
	0.2197	13.57	10984	0.21968	0.43936	50000
	0.3907	13.70	19537	0.39073	0.78147	50000

NF807-0316 P206

4/1/2008 3:36:13 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00103.rst

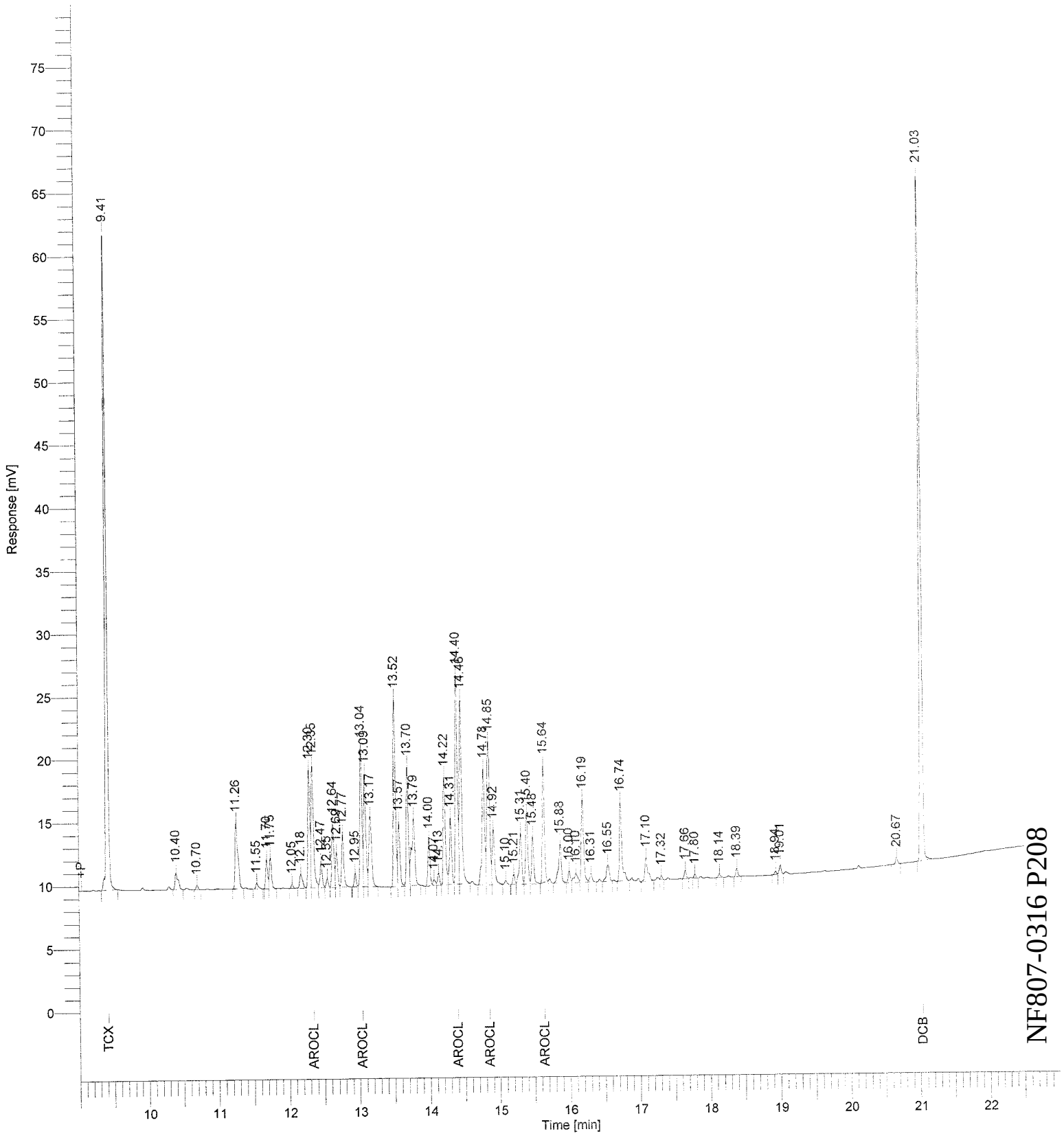
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.3524	13.79	17618	0.35236	0.70471	50000
	0.1544	14.00	7719	0.15437	0.30875	50000
	0.0216	14.07	1081	0.02162	0.04324	50000
	0.0393	14.13	1966	0.03933	0.07865	50000
	0.3761	14.22	18804	0.37608	0.75216	50000
	0.2302	14.31	11508	0.23016	0.46032	50000
AROCLOR-1248-3	0.2000	14.40	36631	0.20000	0.40000	183157
	0.6787	14.46	33935	0.67870	1.35740	50000
	0.4736	14.78	23678	0.47357	0.94713	50000
AROCLOR-1248-4	0.2000	14.85	31001	0.20000	0.40000	155005
	0.2188	14.92	10939	0.21879	0.43758	50000
	0.0167	15.10	834	0.01669	0.03337	50000
	0.0330	15.21	1651	0.03302	0.06605	50000
	0.1987	15.31	9937	0.19874	0.39747	50000
	0.2479	15.40	12395	0.24790	0.49580	50000
	0.1664	15.48	8322	0.16643	0.33287	50000
AROCLOR-1248-5	0.2000	15.64	19403	0.20000	0.40000	97017
	0.1718	15.88	8589	0.17178	0.34357	50000
	0.0375	16.00	1876	0.03752	0.07504	50000
	0.0560	16.10	2802	0.05603	0.11206	50000
	0.3007	16.19	15037	0.30074	0.60147	50000
	0.0329	16.31	1643	0.03286	0.06572	50000
	0.0798	16.55	3992	0.07984	0.15967	50000
	0.3057	16.74	15286	0.30572	0.61144	50000
	0.1114	17.10	5570	0.11140	0.22279	50000
	0.0097	17.32	483	0.00966	0.01931	50000
	0.0273	17.66	1365	0.02730	0.05460	50000
	0.0115	17.80	576	0.01152	0.02305	50000
	0.0123	18.14	616	0.01231	0.02463	50000
	0.0266	18.39	1329	0.02659	0.05318	50000
	0.0109	18.94	545	0.01091	0.02182	50000
	0.0277	19.01	1387	0.02774	0.05549	50000
	0.0221	20.67	1106	0.02211	0.04422	50000
DCB	0.0200	21.03	113738	0.02000	0.04000	5686898
				9.16498	18.32997	13977017

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00103.TX0

NF807-0316 P207

Chromatogram

Sample Name : AR124801 Sample #: 1248wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2a00103.raw
Date : 4/1/2008 4:42:39 PM
Method : 8121 Time of Injection: 3/13/2008 3:01:37 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P208

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87363
Operator : manager
Sample Number : 1248wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 3:01:37 PM

Date : 4/1/2008 4:31:34 PM

Sample Name : AR124801
Study : ical3","ar1248
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 5

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00103.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00103.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00103.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00103.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\48b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00103.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 62
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0200	9.32	158205	0.02000	0.04000	7910243
	0.0112	10.11	558	0.01115	0.02230	50000
	0.0339	10.30	1695	0.03389	0.06779	50000
	0.0123	10.46	615	0.01230	0.02459	50000
	0.0842	10.61	4210	0.08419	0.16839	50000
	0.0204	11.13	1018	0.02036	0.04073	50000
	0.4442	11.55	22208	0.44415	0.88831	50000
	0.0191	11.81	953	0.01906	0.03812	50000
	0.1377	12.02	6884	0.13767	0.27534	50000
	0.1581	12.09	7906	0.15812	0.31623	50000
	0.0169	12.21	845	0.01691	0.03381	50000
	0.0614	12.34	3071	0.06142	0.12284	50000
	0.0267	12.39	1333	0.02667	0.05334	50000
	0.5250	12.53	26250	0.52499	1.04998	50000
AROCLOR-1248-1	0.2000	12.57	32617	0.20000	0.40000	163087
	0.4207	12.85	21033	0.42066	0.84133	50000
	0.0406	12.94	2029	0.04059	0.08118	50000
	0.2366	13.07	11832	0.23664	0.47328	50000
	0.1792	13.13	8958	0.17916	0.35832	50000
AROCLOR-1248-2	0.2000	13.28	34158	0.20000	0.40000	170790
	0.6107	13.37	30534	0.61067	1.22135	50000
	0.4545	13.44	22723	0.45446	0.90891	50000
	0.8732	13.83	43662	0.87324	1.74648	50000

NF807-0316 P209

4/1/2008 4:31:34 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00103.rst

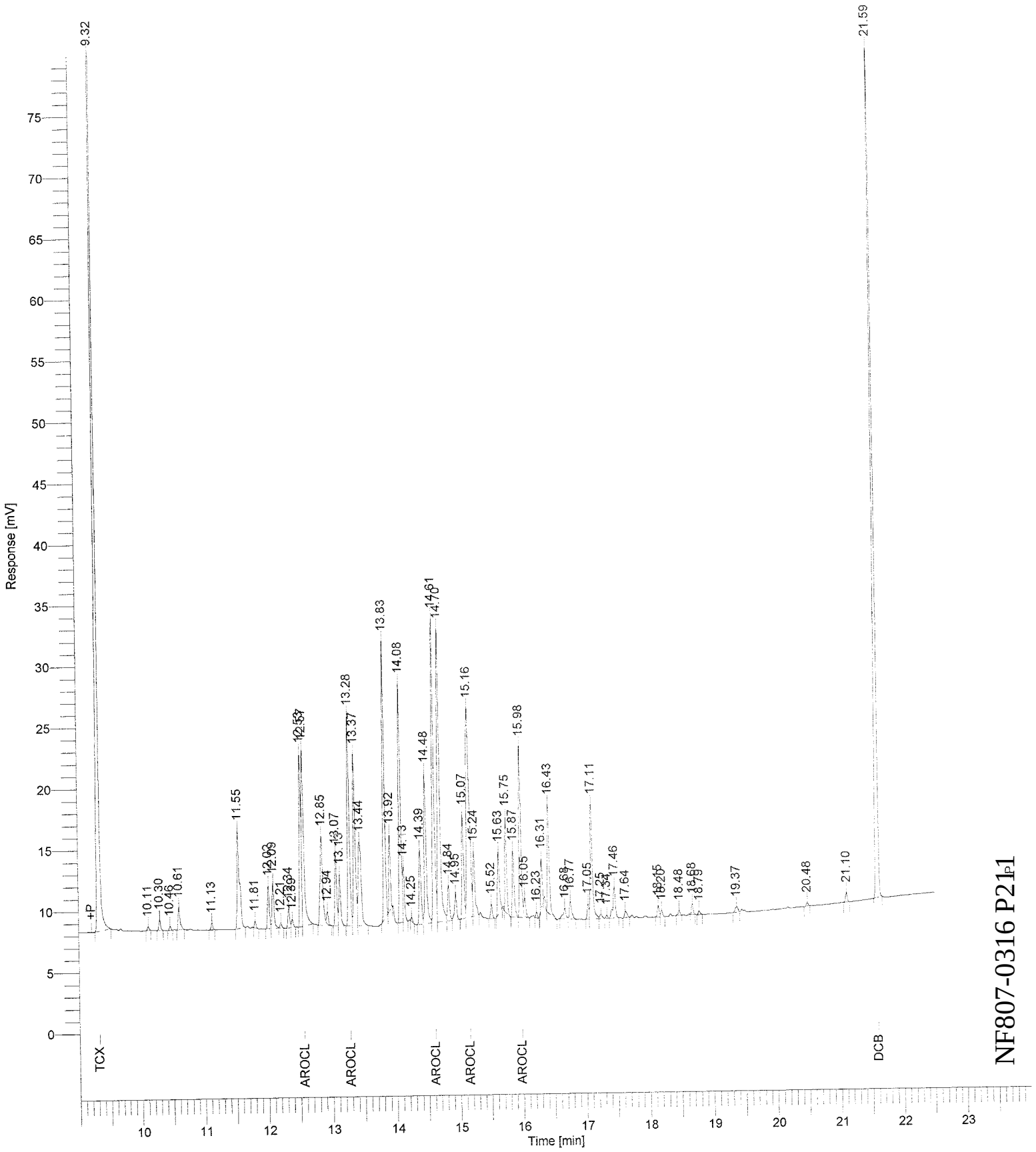
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.2180	13.92	10900	0.21800	0.43599	50000
	0.8095	14.08	40477	0.80955	1.61909	50000
	0.1667	14.13	8333	0.16666	0.33333	50000
	0.0113	14.25	567	0.01134	0.02268	50000
	0.2659	14.39	13293	0.26586	0.53173	50000
	0.5513	14.48	27563	0.55125	1.10251	50000
AROCLOR-1248-3	0.2000	14.61	52483	0.20000	0.40000	262417
	1.2514	14.70	62569	1.25138	2.50275	50000
	0.1314	14.84	6569	0.13139	0.26277	50000
	0.0959	14.95	4797	0.09594	0.19188	50000
	0.3506	15.07	17529	0.35059	0.70118	50000
AROCLOR-1248-4	0.2000	15.16	57850	0.20000	0.40000	289251
	0.2418	15.24	12092	0.24184	0.48369	50000
	0.0464	15.52	2320	0.04639	0.09278	50000
	0.2119	15.63	10597	0.21193	0.42387	50000
	0.3039	15.75	15193	0.30387	0.60773	50000
	0.2295	15.87	11476	0.22951	0.45902	50000
AROCLOR-1248-5	0.2000	15.98	28716	0.20000	0.40000	143579
	0.0634	16.05	3168	0.06336	0.12673	50000
	0.0178	16.23	889	0.01779	0.03558	50000
	0.1449	16.31	7246	0.14493	0.28986	50000
	0.3771	16.43	18856	0.37711	0.75423	50000
	0.0539	16.68	2697	0.05394	0.10788	50000
	0.0741	16.77	3704	0.07408	0.14816	50000
	0.0452	17.05	2262	0.04524	0.09048	50000
	0.4527	17.11	22637	0.45275	0.90549	50000
	0.0210	17.25	1050	0.02100	0.04200	50000
	0.0103	17.34	514	0.01027	0.02054	50000
	0.1425	17.46	7126	0.14252	0.28503	50000
	0.0298	17.64	1491	0.02982	0.05964	50000
	0.0364	18.15	1822	0.03644	0.07288	50000
	0.0210	18.20	1051	0.02102	0.04205	50000
	0.0168	18.48	838	0.01677	0.03354	50000
	0.0319	18.68	1597	0.03194	0.06389	50000
	0.0135	18.79	677	0.01355	0.02710	50000
	0.0276	19.37	1379	0.02758	0.05516	50000
	0.0112	20.48	561	0.01123	0.02246	50000
	0.0300	21.10	1499	0.02999	0.05997	50000
DCB	0.0200	21.59	137140	0.02000	0.04000	6856996
				11.91314	23.82628	18546363

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00103.TX0

NF807-0316 P210

Chromatogram

Sample Name : AR124801 Sample #: 1248wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2b00103.raw
Date : 4/1/2008 4:31:37 PM
Method : 8121 Time of Injection: 3/13/2008 3:01:37 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P21

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87354
Operator : manager
Sample Number : 1254wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 3:30:12 PM

Date : 4/1/2008 3:36:24 PM

Sample Name : AR125401
Study : ical3","ar1254
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 6

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00104.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00104.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00104.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00104.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\54a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00104.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 60
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0200	9.42	95314	0.02000	0.04000	4765712
	0.0242	10.44	1209	0.02419	0.04837	50000
	0.0136	11.26	681	0.01361	0.02722	50000
	0.0122	12.05	608	0.01217	0.02433	50000
	0.0149	12.30	746	0.01493	0.02985	50000
	0.0128	12.47	642	0.01284	0.02568	50000
	0.4292	13.04	21458	0.42917	0.85834	50000
	0.1186	13.09	5929	0.11857	0.23714	50000
	0.0433	13.17	2163	0.04326	0.08651	50000
	0.2121	13.52	10603	0.21206	0.42413	50000
	0.0948	13.70	4741	0.09483	0.18966	50000
	0.0352	13.79	1759	0.03518	0.07037	50000
	0.0207	14.00	1036	0.02072	0.04144	50000
	0.0139	14.09	693	0.01386	0.02771	50000
	0.1073	14.22	5365	0.10729	0.21459	50000
AROCLOR-1254-1	0.2000	14.31	34047	0.20000	0.40000	170234
	0.6123	14.40	30613	0.61226	1.22451	50000
	0.1882	14.74	9408	0.18816	0.37632	50000
	0.2907	14.79	14535	0.29070	0.58141	50000
AROCLOR-1254-2	0.2000	14.84	46877	0.20000	0.40000	234386
	0.4037	14.92	20185	0.40370	0.80739	50000
	0.0249	15.10	1244	0.02488	0.04975	50000
	0.0659	15.21	3295	0.06591	0.13181	50000

NF807-0316 P212

4/1/2008 3:36:24 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00104.rst

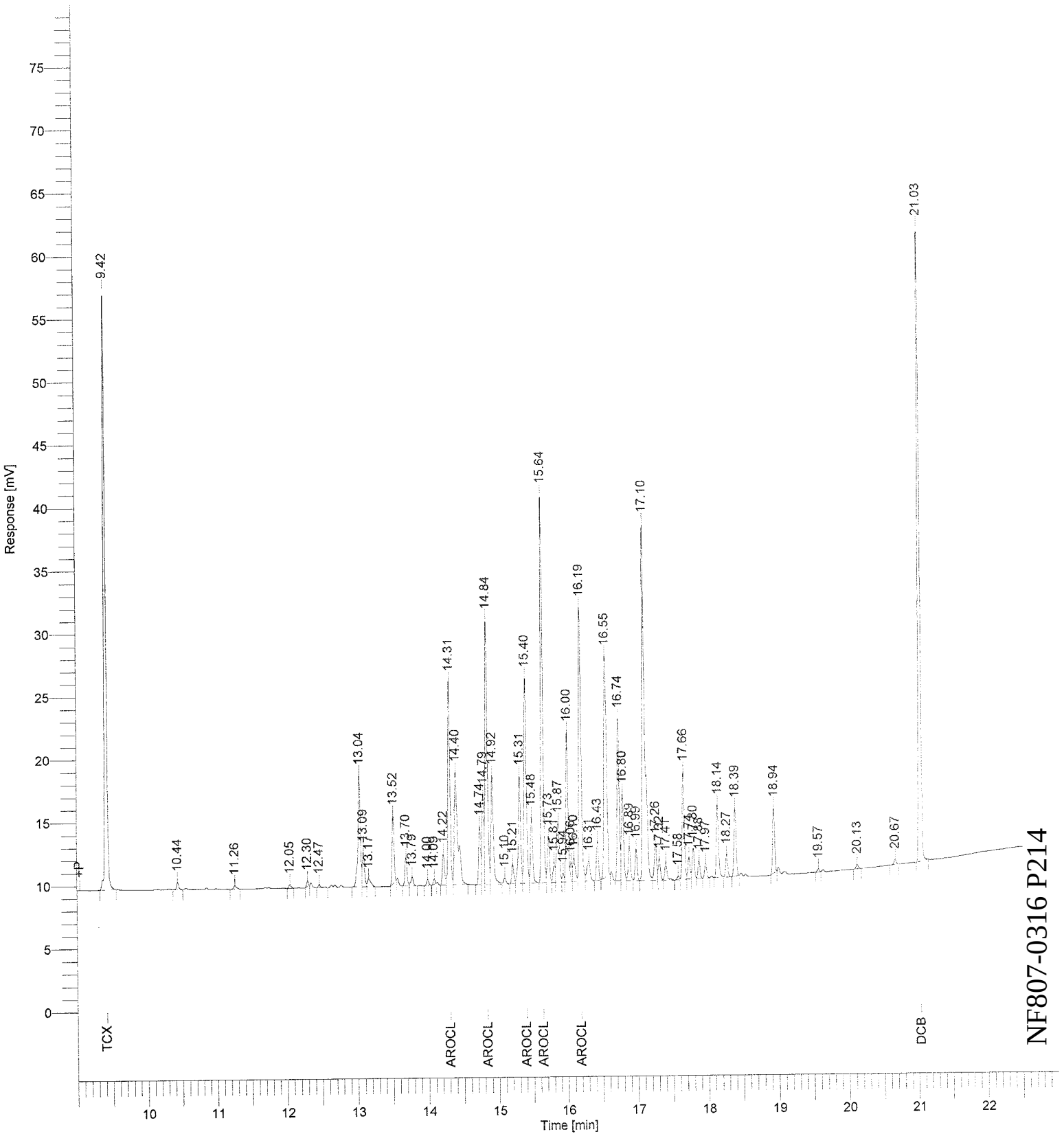
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.3933	15.31	19664	0.39328	0.78656	50000
AROCLOR-1254-3	0.2000	15.40	37813	0.20000	0.40000	189067
	0.2337	15.48	11683	0.23366	0.46733	50000
AROCLOR-1254-4	0.2000	15.64	63272	0.20000	0.40000	316360
	0.1640	15.73	8202	0.16404	0.32807	50000
	0.0634	15.81	3170	0.06340	0.12680	50000
	0.2903	15.87	14514	0.29027	0.58055	50000
	0.0268	15.94	1339	0.02677	0.05354	50000
	0.5139	16.00	25696	0.51392	1.02785	50000
	0.0415	16.06	2074	0.04148	0.08296	50000
	0.0973	16.10	4866	0.09732	0.19465	50000
AROCLOR-1254-5	0.2000	16.19	49754	0.20000	0.40000	248768
	0.1073	16.31	5367	0.10734	0.21468	50000
	0.1245	16.43	6226	0.12453	0.24906	50000
	0.9661	16.55	48306	0.96612	1.93224	50000
	0.5487	16.74	27434	0.54868	1.09737	50000
	0.3035	16.80	15175	0.30351	0.60701	50000
	0.1181	16.89	5904	0.11808	0.23616	50000
	0.1000	16.99	4999	0.09999	0.19997	50000
	1.5686	17.10	78430	1.56859	3.13718	50000
	0.1345	17.26	6723	0.13447	0.26894	50000
	0.0715	17.32	3576	0.07151	0.14303	50000
	0.0672	17.41	3360	0.06721	0.13441	50000
	0.0122	17.58	608	0.01216	0.02432	50000
	0.3699	17.66	18496	0.36991	0.73983	50000
	0.0767	17.74	3833	0.07666	0.15332	50000
	0.1038	17.80	5188	0.10376	0.20752	50000
	0.0602	17.88	3010	0.06021	0.12041	50000
	0.0486	17.97	2432	0.04864	0.09729	50000
	0.2497	18.14	12483	0.24966	0.49932	50000
	0.0777	18.27	3883	0.07765	0.15530	50000
	0.2232	18.39	11158	0.22315	0.44631	50000
	0.2123	18.94	10613	0.21226	0.42451	50000
	0.0103	19.57	515	0.01030	0.02060	50000
	0.0151	20.13	757	0.01514	0.03028	50000
	0.0176	20.67	881	0.01763	0.03526	50000
DCB	0.0200	21.03	105792	0.02000	0.04000	5289581
				11.18958	22.37916	13864109

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00104.TX0

NF807-0316 P213

Chromatogram

Sample Name : AR125401 Sample #: 1254wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2a00104.raw
Date : 4/1/2008 4:42:42 PM
Method : 8121 Time of Injection: 3/13/2008 3:30:12 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P214

Software Version	: 6.3.1.0504	Date	: 4/1/2008 4:31:39 PM
Reprocess Number	: I-21865: 87364		
Operator	: manager	Sample Name	: AR125401
Sample Number	: 1254wm03	Study	: ical3","ar1254
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: 6890-2	Channel	: B
Interface Serial #	: 9144290001	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 22.50 min
Sampling Rate	: 4.1660 pts/s		
Sample Volume	: 0.500000 ul		
Sample Amount	: 1.0000	Area Reject	: 5.000000
Data Acquisition Time	: 3/13/2008 3:30:12 PM	Dilution Factor	: 1.00
		Cycle	: 6

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00104.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00104.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2b00104.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00104.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\54b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00104.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold	: 25	Area Threshold	: 500
Bunch Factor	: 1	Multiplier	: 1.0000
Divisor	: 1.0000	Addend	: 0.0000

User1	: HP6890-2
User2	: Rtx-CLP2
User3	: 0.32
User4	:
User5	:
User6	:
User7	:
User8	:
User9	:
User10	:
Total number of peaks detected	: 63

Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0200	9.32	144811	0.02000	0.04000	7240554
	0.0311	10.30	1554	0.03108	0.06217	50000
	0.0106	11.55	530	0.01060	0.02120	50000
	0.0146	12.21	728	0.01455	0.02910	50000
	0.0159	12.53	796	0.01591	0.03182	50000
	0.0240	12.83	1202	0.02403	0.04807	50000
	0.0083	13.07	416	0.00831	0.01662	50000
	0.0123	13.13	615	0.01230	0.02460	50000
	0.5493	13.28	27467	0.54934	1.09868	50000
	0.1779	13.37	8895	0.17789	0.35579	50000
	0.0505	13.44	2524	0.05047	0.10094	50000
	0.0104	13.76	521	0.01042	0.02084	50000
	0.3527	13.83	17634	0.35268	0.70537	50000
	0.0391	13.92	1956	0.03912	0.07825	50000
	0.1737	14.08	8685	0.17369	0.34738	50000
	0.0396	14.39	1982	0.03965	0.07929	50000
	0.1583	14.48	7913	0.15826	0.31653	50000
	0.5326	14.61	26629	0.53259	1.06518	50000
AROCLOR-1254-1	0.2000	14.69	59073	0.20000	0.40000	295363
	0.1816	14.84	9080	0.18160	0.36321	50000
	0.2889	14.95	14443	0.28885	0.57770	50000
AROCLOR-1254-2	0.2000	15.07	63659	0.20000	0.40000	318294
	0.6469	15.19	32347	0.64694	1.29387	50000

NF807-0316 P215

4/1/2008 4:31:39 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00104.rst

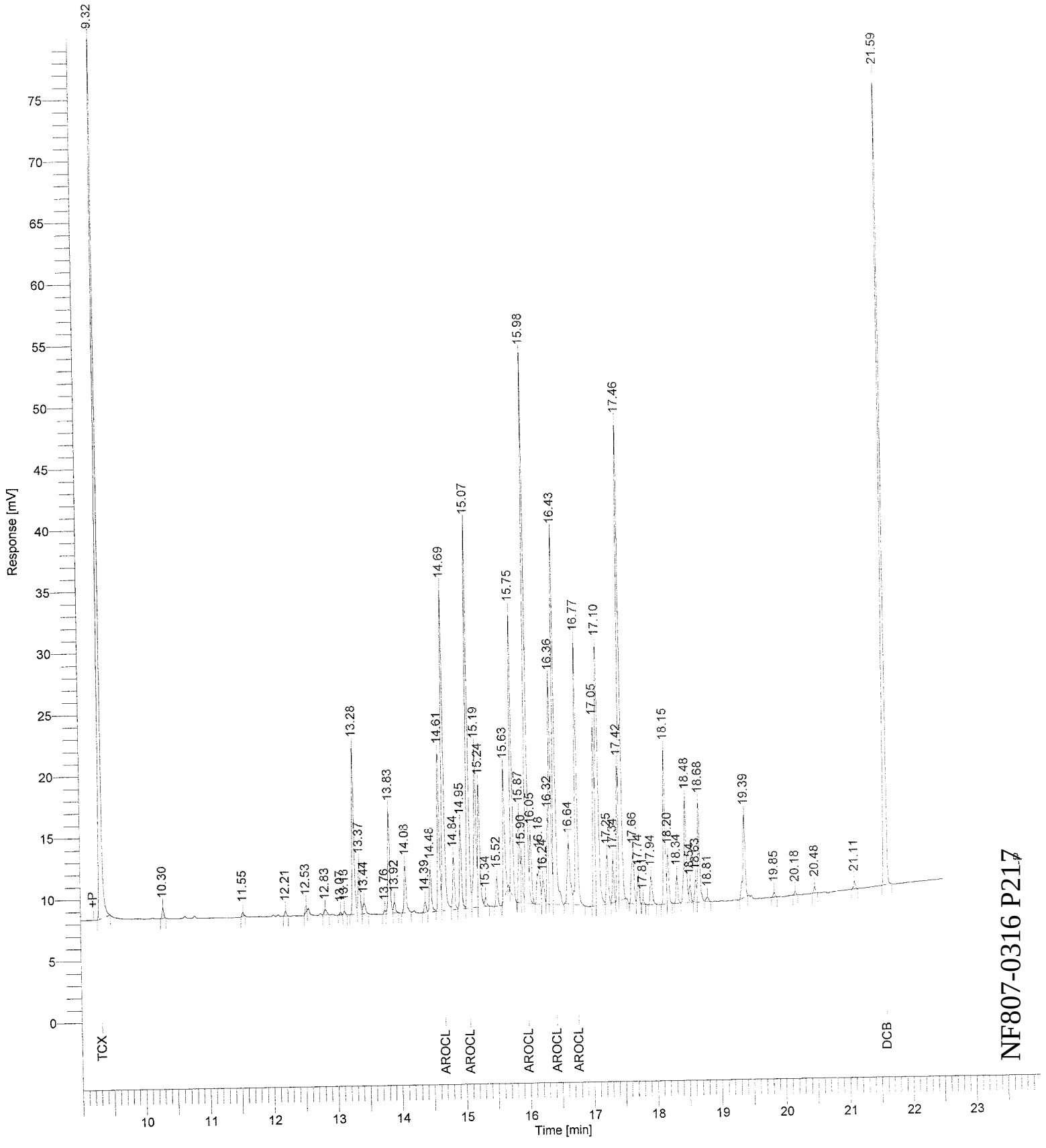
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.4337	15.24	21687	0.43373	0.86747	50000
	0.0331	15.34	1653	0.03307	0.06613	50000
	0.0915	15.52	4577	0.09154	0.18308	50000
	0.4259	15.63	21294	0.42588	0.85177	50000
	0.8761	15.75	43803	0.87606	1.75212	50000
	0.2892	15.87	14461	0.28922	0.57844	50000
	0.1334	15.90	6670	0.13341	0.26681	50000
AROCLOR-1254-3	0.2000	15.98	90381	0.20000	0.40000	451905
	0.2069	16.05	10345	0.20690	0.41380	50000
	0.2296	16.18	11479	0.22958	0.45917	50000
	0.1009	16.24	5043	0.10086	0.20173	50000
	0.2448	16.32	12239	0.24478	0.48957	50000
	0.8034	16.36	40168	0.80335	1.60670	50000
AROCLOR-1254-4	0.2000	16.43	66970	0.20000	0.40000	334852
	0.3240	16.64	16198	0.32396	0.64793	50000
AROCLOR-1254-5	0.2000	16.77	46848	0.20000	0.40000	234239
	0.5753	17.05	28764	0.57527	1.15054	50000
	1.1969	17.10	59846	1.19691	2.39383	50000
	0.1772	17.25	8859	0.17719	0.35437	50000
	0.1291	17.34	6456	0.12912	0.25825	50000
	0.3779	17.42	18896	0.37791	0.75583	50000
	1.7614	17.46	88071	1.76142	3.52284	50000
	0.2436	17.66	12181	0.24362	0.48725	50000
	0.0964	17.74	4822	0.09644	0.19288	50000
	0.0126	17.81	631	0.01261	0.02522	50000
	0.1120	17.94	5599	0.11198	0.22396	50000
	0.5138	18.15	25692	0.51385	1.02770	50000
	0.1595	18.20	7975	0.15949	0.31899	50000
	0.0885	18.34	4427	0.08854	0.17707	50000
	0.4275	18.48	21377	0.42755	0.85510	50000
	0.0544	18.54	2722	0.05444	0.10887	50000
	0.0667	18.63	3335	0.06671	0.13341	50000
	0.3537	18.68	17684	0.35367	0.70735	50000
	0.0234	18.81	1172	0.02344	0.04689	50000
	0.3246	19.39	16232	0.32464	0.64929	50000
	0.0152	19.85	759	0.01518	0.03035	50000
	0.0097	20.18	484	0.00969	0.01938	50000
	0.0201	20.48	1007	0.02013	0.04026	50000
	0.0247	21.11	1235	0.02470	0.04941	50000
DCB	0.0200	21.59	128417	0.02000	0.04000	6420852
				15.31518	30.63037	18096059

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00104.TX0

NF807-0316 P216

Chromatogram

Sample Name : AR125401 Sample #: 1254wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2b00104.raw
Date : 4/1/2008 4:31:42 PM
Method : 8121 Time of Injection: 3/13/2008 3:30:12 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P21

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87358
Operator : manager
Sample Number : 1660wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/13/2008 4:27:30 PM

Date : 4/1/2008 3:36:45 PM

Sample Name : AR166007
Study : ccv","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 22.50 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 8

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00106.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00106.rst
Inst Method : c:\data\6890-2\8121 from S:\GC\HP6890-2\2008\03-2008\2a00106.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00106.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00106.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 75
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0202	9.42	96741	0.02024	0.04049	4778757
	0.0613	9.92	3067	0.06133	0.12266	50000
	0.0757	10.30	3784	0.07569	0.15137	50000
	0.3586	10.40	17929	0.35858	0.71716	50000
	0.0418	10.70	2091	0.04182	0.08364	50000
	0.0137	10.85	683	0.01366	0.02732	50000
AROCLOR-1016-1	0.2019	11.26	32289	0.20195	0.40389	159889
	0.0314	11.39	1572	0.03144	0.06287	50000
	0.0860	11.56	4300	0.08599	0.17199	50000
	0.1924	11.70	9622	0.19244	0.38488	50000
	0.2619	11.75	13097	0.26194	0.52388	50000
	0.0148	11.92	738	0.01477	0.02953	50000
	0.0111	12.05	554	0.01107	0.02215	50000
	0.2060	12.18	10300	0.20601	0.41201	50000
AROCLOR-1016-2	0.2007	12.30	29926	0.20071	0.40142	149100
AROCLOR-1016-3	0.2022	12.35	43373	0.20222	0.40444	214481
	0.0886	12.47	4428	0.08855	0.17710	50000
	0.0327	12.55	1636	0.03273	0.06545	50000
AROCLOR-1016-4	0.2032	12.64	25643	0.20322	0.40644	126184
	0.1153	12.69	5767	0.11534	0.23069	50000
	0.4004	12.77	20020	0.40040	0.80079	50000
	0.0417	12.95	2087	0.04175	0.08349	50000
	0.2946	13.04	14732	0.29464	0.58928	50000

NF807-0316 P218

4/1/2008 3:36:45 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00106.rst

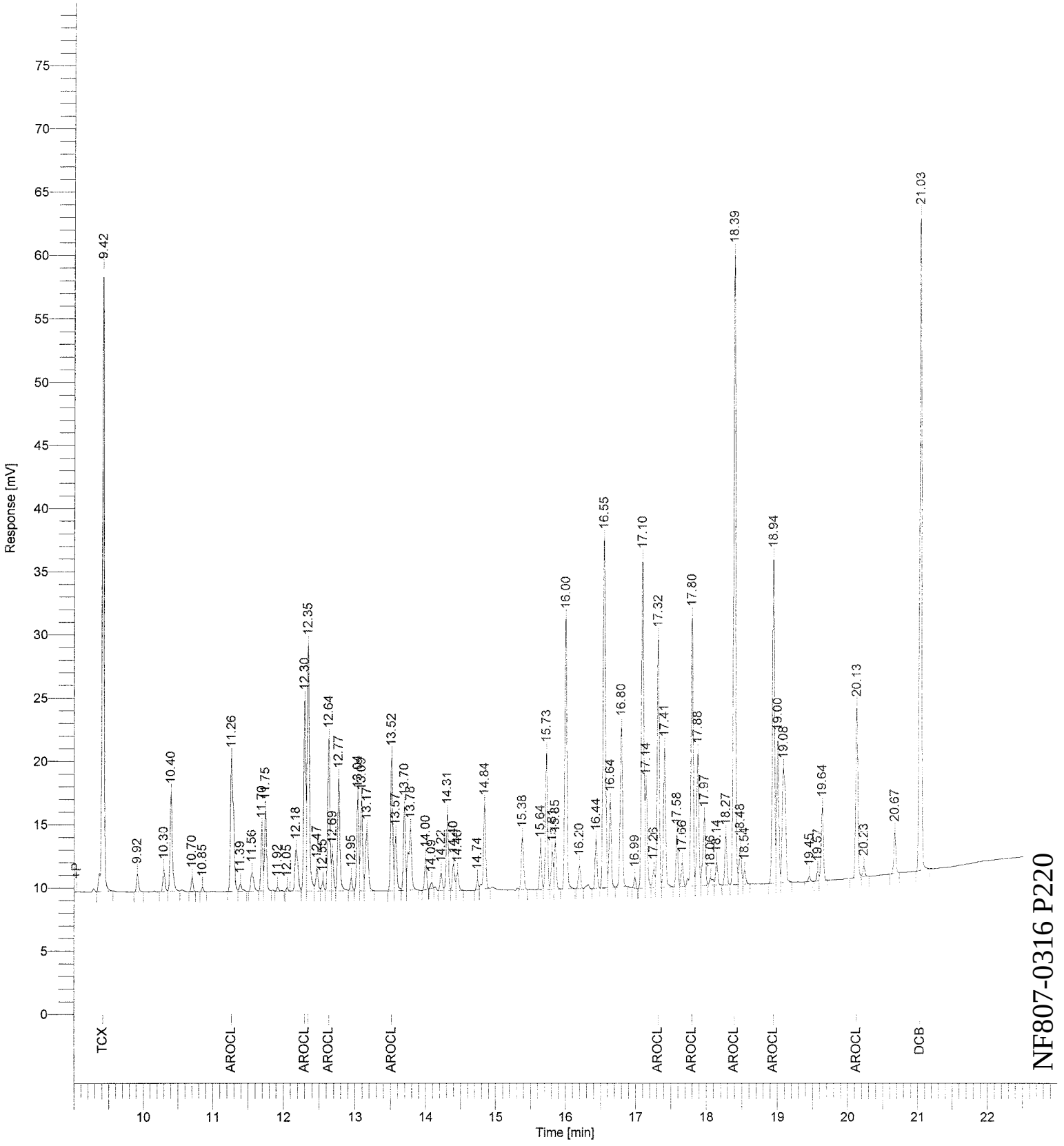
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.3049	13.09	15243	0.30486	0.60972	50000
	0.2685	13.17	13425	0.26851	0.53702	50000
AROCLOR-1016-5	0.2034	13.52	22575	0.20338	0.40676	111000
	0.1896	13.57	9481	0.18962	0.37923	50000
	0.2761	13.70	13805	0.27610	0.55220	50000
	0.3291	13.78	16456	0.32912	0.65824	50000
	0.1011	14.00	5055	0.10109	0.20219	50000
	0.0201	14.09	1005	0.02010	0.04019	50000
	0.0616	14.22	3082	0.06164	0.12328	50000
	0.2591	14.31	12955	0.25910	0.51821	50000
	0.0996	14.40	4979	0.09958	0.19916	50000
	0.0641	14.46	3206	0.06412	0.12825	50000
	0.0316	14.74	1581	0.03163	0.06326	50000
	0.2944	14.84	14721	0.29442	0.58885	50000
	0.1947	15.38	9734	0.19468	0.38937	50000
	0.1388	15.64	6940	0.13881	0.27761	50000
	0.4572	15.73	22860	0.45720	0.91440	50000
	0.1191	15.81	5954	0.11909	0.23818	50000
	0.1572	15.85	7862	0.15723	0.31446	50000
	0.8930	16.00	44652	0.89303	1.78606	50000
	0.0820	16.20	4102	0.08204	0.16408	50000
	0.1578	16.44	7889	0.15778	0.31555	50000
	1.3605	16.55	68024	1.36048	2.72096	50000
	0.2949	16.64	14746	0.29492	0.58984	50000
	0.5909	16.80	29544	0.59089	1.18178	50000
	0.0323	16.99	1613	0.03227	0.06453	50000
	1.1999	17.10	59993	1.19985	2.39970	50000
	0.3281	17.14	16403	0.32807	0.65614	50000
	0.0630	17.26	3149	0.06297	0.12595	50000
AROCLOR-1260-1	0.2037	17.32	41250	0.20374	0.40748	202461
	0.4782	17.41	23912	0.47825	0.95649	50000
	0.1671	17.58	8354	0.16708	0.33417	50000
	0.0799	17.66	3993	0.07987	0.15974	50000
AROCLOR-1260-2	0.2019	17.80	46142	0.20190	0.40380	228542
	0.4440	17.88	22201	0.44402	0.88804	50000
	0.2769	17.97	13846	0.27692	0.55384	50000
	0.0399	18.06	1995	0.03989	0.07979	50000
	0.0775	18.14	3874	0.07748	0.15497	50000
	0.1615	18.27	8076	0.16152	0.32304	50000
AROCLOR-1260-3	0.2011	18.39	103620	0.20112	0.40224	515216
	0.1342	18.48	6708	0.13417	0.26834	50000
	0.0482	18.54	2410	0.04819	0.09639	50000
AROCLOR-1260-4	0.2023	18.94	54341	0.20229	0.40459	268623
	0.4750	19.00	23752	0.47504	0.95008	50000
	0.6022	19.08	30111	0.60222	1.20443	50000
	0.0176	19.45	881	0.01761	0.03523	50000
	0.0300	19.57	1502	0.03005	0.06009	50000
	0.2575	19.64	12876	0.25753	0.51506	50000
AROCLOR-1260-5	0.2056	20.13	28701	0.20562	0.41125	139580
	0.0369	20.23	1844	0.03687	0.07375	50000
	0.1340	20.67	6699	0.13398	0.26795	50000
DCB	0.0207	21.03	107322	0.02066	0.04132	5195222
				16.22509	32.45018	15239054

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00106.TX0

NF807-0316 P219

Chromatogram

Sample Name : AR166007 Sample #: 1660wm03 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00106.raw
Date : 4/1/2008 4:42:47 PM
Method : 8121 Time of Injection: 3/13/2008 4:27:30 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P220

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 88500
Operator : manager
Sample Number : 1242wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/27/2008 9:43:18 AM

Date : 4/8/2008 11:33:39 AM

Sample Name : AR124202
Study : ccv","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00241.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00241.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00241.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00241.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\42a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00241.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 61
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.0088	9.29	440	0.00880	0.01759	50000
TCX	0.0184	9.42	104762	0.01842	0.03683	5688905
	0.0586	9.92	2928	0.05855	0.11711	50000
	0.0904	10.30	4521	0.09042	0.18085	50000
	0.3461	10.40	17305	0.34610	0.69220	50000
	0.0424	10.71	2119	0.04238	0.08475	50000
	0.0392	10.85	1959	0.03919	0.07837	50000
AROCLOR-1242-1	0.1878	11.27	31377	0.18779	0.37558	167081
	0.0289	11.39	1444	0.02888	0.05777	50000
	0.0853	11.56	4264	0.08527	0.17054	50000
	0.1880	11.70	9401	0.18802	0.37604	50000
	0.2602	11.75	13010	0.26020	0.52040	50000
	0.0106	11.92	528	0.01056	0.02113	50000
	0.0138	12.06	692	0.01384	0.02768	50000
	0.1997	12.18	9983	0.19966	0.39932	50000
AROCLOR-1242-2	0.1865	12.30	29117	0.18651	0.37301	156118
AROCLOR-1242-3	0.1837	12.35	41296	0.18374	0.36747	224756
	0.0843	12.47	4217	0.08434	0.16868	50000
	0.0296	12.56	1479	0.02958	0.05915	50000
	0.4914	12.64	24568	0.49136	0.98271	50000
	0.1157	12.69	5786	0.11572	0.23145	50000
	0.3909	12.78	19547	0.39095	0.78189	50000
	0.0404	12.95	2020	0.04040	0.08080	50000

NF807-0316 P221

4/8/2008 11:33:39 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00241.rst

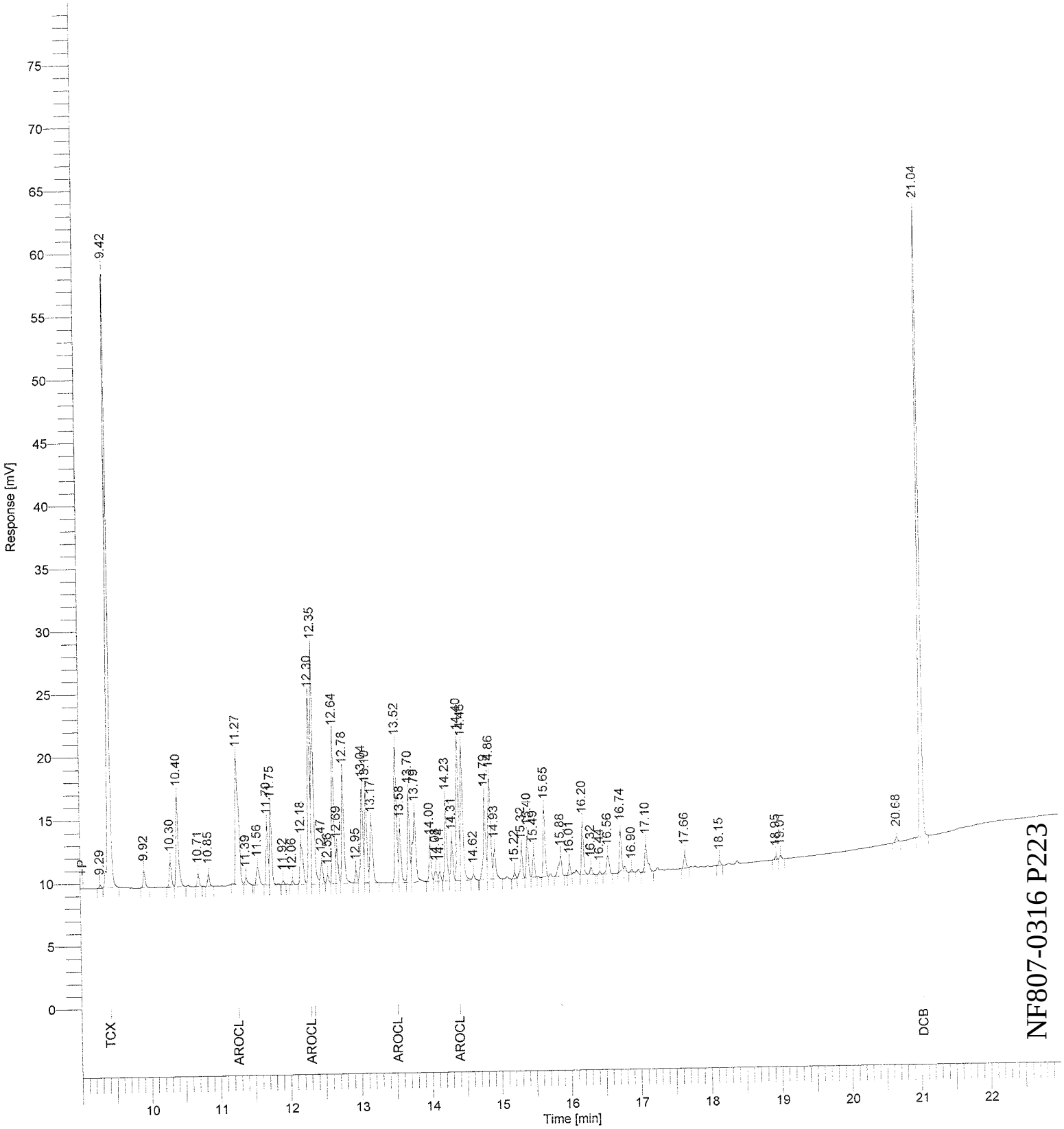
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.3480	13.04	17402	0.34804	0.69609	50000
	0.3029	13.10	15145	0.30289	0.60578	50000
	0.2618	13.17	13091	0.26183	0.52366	50000
AROCLOR-1242-4	0.1873	13.52	22902	0.18730	0.37459	122274
	0.1883	13.58	9417	0.18834	0.37668	50000
	0.2897	13.70	14486	0.28972	0.57943	50000
	0.3727	13.79	18635	0.37271	0.74542	50000
	0.1206	14.00	6032	0.12063	0.24127	50000
	0.0445	14.08	2226	0.04451	0.08902	50000
	0.0333	14.14	1664	0.03328	0.06656	50000
	0.2791	14.23	13953	0.27905	0.55811	50000
	0.1405	14.31	7023	0.14045	0.28091	50000
AROCLOR-1242-5	0.1876	14.40	24095	0.18761	0.37521	128432
	0.4882	14.46	24412	0.48823	0.97647	50000
	0.0223	14.62	1115	0.02230	0.04461	50000
	0.3283	14.79	16416	0.32832	0.65665	50000
	0.4160	14.86	20799	0.41598	0.83195	50000
	0.1179	14.93	5894	0.11788	0.23577	50000
	0.0185	15.22	926	0.01852	0.03704	50000
	0.1076	15.32	5379	0.10758	0.21516	50000
	0.1413	15.40	7067	0.14134	0.28269	50000
	0.0752	15.49	3759	0.07518	0.15036	50000
	0.2208	15.65	11041	0.22082	0.44165	50000
	0.1013	15.88	5063	0.10127	0.20254	50000
	0.0325	16.01	1625	0.03251	0.06501	50000
	0.1719	16.20	8593	0.17185	0.34371	50000
	0.0245	16.32	1225	0.02449	0.04898	50000
	0.0088	16.44	441	0.00882	0.01764	50000
	0.0806	16.56	4028	0.08055	0.16110	50000
	0.1253	16.74	6266	0.12531	0.25062	50000
	0.0094	16.90	471	0.00942	0.01884	50000
	0.1231	17.10	6155	0.12310	0.24620	50000
	0.0471	17.66	2356	0.04712	0.09425	50000
	0.0160	18.15	801	0.01602	0.03204	50000
	0.0098	18.95	491	0.00981	0.01962	50000
	0.0122	19.01	609	0.01217	0.02435	50000
	0.0176	20.68	882	0.01763	0.03527	50000
DCB	0.0164	21.04	103676	0.01641	0.03282	6318051
				8.58970	17.17940	15505618

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00241.TX0

NF807-0316 P222

Chromatogram

Sample Name : AR124202 Sample #: 1242wm03
FileName : S:\GC\HP6890-2\2008\03-2008\2a00241.raw
Date : 4/8/2008 11:38:24 AM
Method : pest Time of Injection: 3/27/2008 9:43:18 AM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P223

Software Version	: 6.3.1.0504	Date	: 4/8/2008 11:33:45 AM
Reprocess Number	: I-21865: 88501		
Operator	: manager		
Sample Number	: 1242wm03	Sample Name	: AR124202
AutoSampler	: NONE	Study	: ccv","aspb5-8082_s
Instrument Name	: 6890-2	Rack/Vial	: 0/0
Interface Serial #	: 9144290001	Channel	: B
Delay Time	: 0.00 min	A/D mV Range	: 1000
Sampling Rate	: 4.1660 pts/s	End Time	: 24.00 min
Sample Volume	: 0.500000 ul		
Sample Amount	: 1.0000	Area Reject	: 5.000000
Data Acquisition Time	: 3/27/2008 9:43:18 AM	Dilution Factor	: 1.00
		Cycle	: 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00241.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00241.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00241.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00241.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\42b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00241.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold	: 25	Area Threshold	: 500
Bunch Factor	: 1	Multiplier	: 1.0000
Divisor	: 1.0000	Addend	: 0.0000

User1	: HP6890-2
User2	: Rtx-CLP2
User3	: 0.32
User4	:
User5	:
User6	:
User7	:
User8	:
User9	:
User10	:
Total number of peaks detected	: 73

Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0203	9.33	175961	0.02030	0.04060	8668540
	0.0148	9.61	741	0.01482	0.02964	50000
	0.0407	9.67	2034	0.04067	0.08135	50000
	0.0152	9.87	760	0.01519	0.03039	50000
	0.0921	10.12	4604	0.09207	0.18414	50000
	0.0386	10.31	1930	0.03860	0.07719	50000
	0.1004	10.47	5021	0.10043	0.20086	50000
	0.5039	10.61	25196	0.50392	1.00783	50000
	0.0570	10.79	2852	0.05705	0.11409	50000
	0.0692	11.13	3460	0.06921	0.13842	50000
	0.0187	11.35	935	0.01870	0.03739	50000
AROCLOR-1242-1	0.2089	11.55	34802	0.20893	0.41785	166575
	0.3459	11.58	17293	0.34586	0.69172	50000
	0.0594	11.69	2971	0.05942	0.11884	50000
	0.0337	11.77	1683	0.03367	0.06733	50000
	0.0794	11.82	3969	0.07937	0.15875	50000
	0.3131	12.03	15656	0.31312	0.62623	50000
	0.4345	12.10	21727	0.43453	0.86906	50000
	0.0212	12.22	1062	0.02125	0.04250	50000
	0.1882	12.34	9409	0.18818	0.37636	50000
	0.1225	12.40	6124	0.12248	0.24495	50000
AROCLOR-1242-2	0.2088	12.54	44366	0.20883	0.41765	212454
AROCLOR-1242-3	0.2014	12.58	67559	0.20137	0.40275	335494

NF807-0316 P224

4/8/2008 11:33:45 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00241.rst

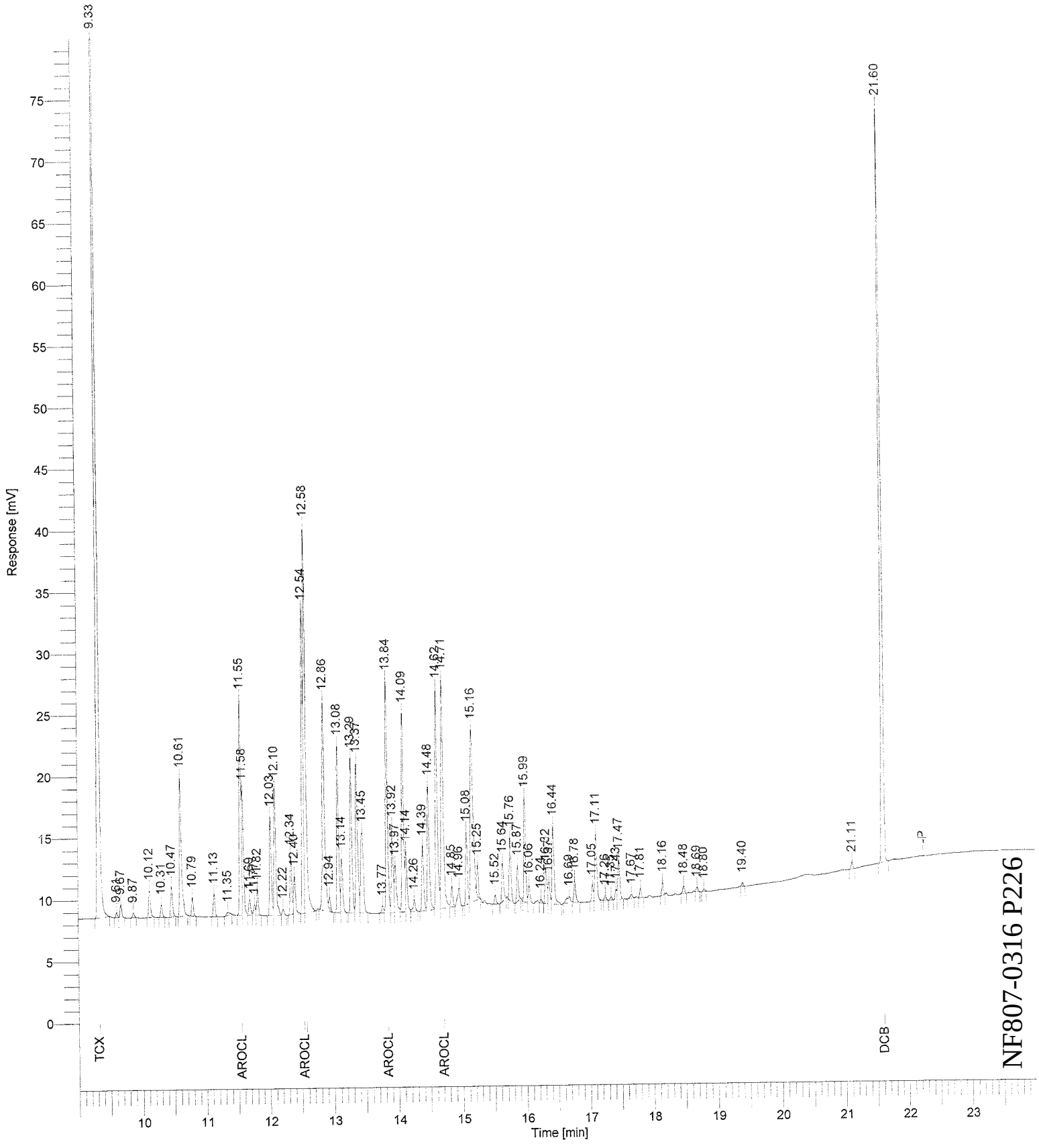
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.8684	12.86	43418	0.86835	1.73670	50000
	0.0376	12.94	1882	0.03764	0.07528	50000
	0.5473	13.08	27364	0.54729	1.09458	50000
	0.1839	13.14	9193	0.18386	0.36773	50000
	0.4970	13.29	24851	0.49701	0.99403	50000
	0.5247	13.37	26234	0.52469	1.04938	50000
	0.3998	13.45	19989	0.39979	0.79958	50000
	0.0226	13.77	1132	0.02265	0.04530	50000
AROCLOR-1242-4	0.2010	13.84	37466	0.20096	0.40192	186438
	0.2794	13.92	13968	0.27935	0.55870	50000
	0.1735	13.97	8674	0.17349	0.34697	50000
	0.6689	14.09	33446	0.66891	1.33783	50000
	0.1911	14.14	9554	0.19109	0.38218	50000
	0.0451	14.26	2254	0.04508	0.09016	50000
	0.2255	14.39	11274	0.22547	0.45094	50000
	0.4364	14.48	21819	0.43637	0.87274	50000
	0.7423	14.62	37116	0.74231	1.48463	50000
AROCLOR-1242-5	0.2003	14.71	45536	0.20033	0.40065	227308
	0.0717	14.85	3584	0.07168	0.14336	50000
	0.0815	14.96	4077	0.08155	0.16310	50000
	0.2326	15.08	11630	0.23260	0.46520	50000
	0.8944	15.16	44718	0.89437	1.78873	50000
	0.0835	15.25	4173	0.08345	0.16690	50000
	0.0270	15.52	1352	0.02704	0.05409	50000
	0.1269	15.64	6346	0.12692	0.25383	50000
	0.1936	15.76	9680	0.19360	0.38719	50000
	0.1068	15.87	5340	0.10680	0.21360	50000
	0.3323	15.99	16616	0.33232	0.66464	50000
	0.0570	16.06	2851	0.05702	0.11404	50000
	0.0122	16.24	612	0.01224	0.02448	50000
	0.1171	16.32	5856	0.11712	0.23424	50000
	0.0717	16.37	3584	0.07169	0.14338	50000
	0.2847	16.44	14237	0.28474	0.56949	50000
	0.0454	16.69	2271	0.04542	0.09083	50000
	0.0790	16.78	3951	0.07903	0.15806	50000
	0.0494	17.05	2471	0.04942	0.09884	50000
	0.2452	17.11	12261	0.24523	0.49046	50000
	0.0143	17.26	713	0.01426	0.02853	50000
	0.0109	17.35	543	0.01086	0.02171	50000
	0.0287	17.43	1433	0.02867	0.05734	50000
	0.1469	17.47	7345	0.14690	0.29381	50000
	0.0167	17.67	834	0.01668	0.03337	50000
	0.0275	17.81	1377	0.02755	0.05509	50000
	0.0367	18.16	1836	0.03673	0.07345	50000
	0.0258	18.48	1290	0.02579	0.05159	50000
	0.0130	18.69	648	0.01297	0.02594	50000
	0.0078	18.80	391	0.00782	0.01565	50000
	0.0108	19.40	542	0.01085	0.02170	50000
	0.0209	21.11	1044	0.02088	0.04176	50000
DCB	0.0157	21.60	120396	0.01570	0.03139	7670413
				12.92048	25.84096	20767223

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00241.TX0

NF807-0316 P225

Chromatogram

Sample Name : AR124202 Sample #: 1242wm03 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00241.raw
Date : 4/8/2008 11:38:28 AM
Method : pest Time of Injection: 3/27/2008 9:43:18 AM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version	: 6.3.1.0504	Date	: 4/8/2008 11:33:50 AM
Reprocess Number	: I-21865: 88502		
Operator	: manager	Sample Name	: AR125402
Sample Number	: 1254wm03	Study	: ccv","aspb5-8082_s
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: 6890-2	Channel	: A
Interface Serial #	: 9144290001	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 24.00 min
Sampling Rate	: 4.1660 pts/s		
Sample Volume	: 0.500000 ul		
Sample Amount	: 1.0000	Area Reject	: 10.000000
Data Acquisition Time	: 3/27/2008 10:11:59 AM	Dilution Factor	: 1.00
		Cycle	: 3

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00242.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00242.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00242.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00242.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\54a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00242.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold	: 25	Area Threshold	: 500
Bunch Factor	: 2	Multiplier	: 1.0000
Divisor	: 1.0000	Addend	: 0.0000

User1	: HP6890-2
User2	: Rtx-CLP
User3	: 0.32
User4	:
User5	:
User6	:
User7	:
User8	:
User9	:
User10	:
Total number of peaks detected	: 58

Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0168	9.42	80097	0.01681	0.03361	4765712
	0.0268	10.31	1340	0.02680	0.05361	50000
	0.0231	10.45	1157	0.02315	0.04629	50000
	0.0295	10.86	1474	0.02948	0.05895	50000
	0.0136	12.30	679	0.01358	0.02715	50000
	0.3224	13.05	16118	0.32236	0.64471	50000
	0.0969	13.10	4846	0.09692	0.19385	50000
	0.0380	13.17	1902	0.03804	0.07608	50000
	0.1863	13.52	9314	0.18629	0.37257	50000
	0.0858	13.70	4292	0.08584	0.17169	50000
	0.0276	13.79	1380	0.02759	0.05518	50000
	0.0177	14.00	884	0.01768	0.03535	50000
	0.0161	14.09	806	0.01611	0.03223	50000
	0.0887	14.23	4433	0.08866	0.17732	50000
AROCLOR-1254-1	0.1658	14.32	28223	0.16579	0.33158	170234
	0.2889	14.40	14447	0.28893	0.57787	50000
	0.1641	14.75	8207	0.16413	0.32827	50000
	0.2550	14.79	12752	0.25504	0.51008	50000
AROCLOR-1254-2	0.1715	14.85	40198	0.17150	0.34301	234386
	0.3499	14.92	17496	0.34993	0.69986	50000
	0.0223	15.10	1116	0.02233	0.04465	50000
	0.0580	15.22	2902	0.05804	0.11607	50000
	0.3406	15.32	17030	0.34060	0.68119	50000

NF807-0316 P227

4/8/2008 11:33:50 AM Result: S:\GC\HP6890-2\2008\03-2008\2a00242.rst

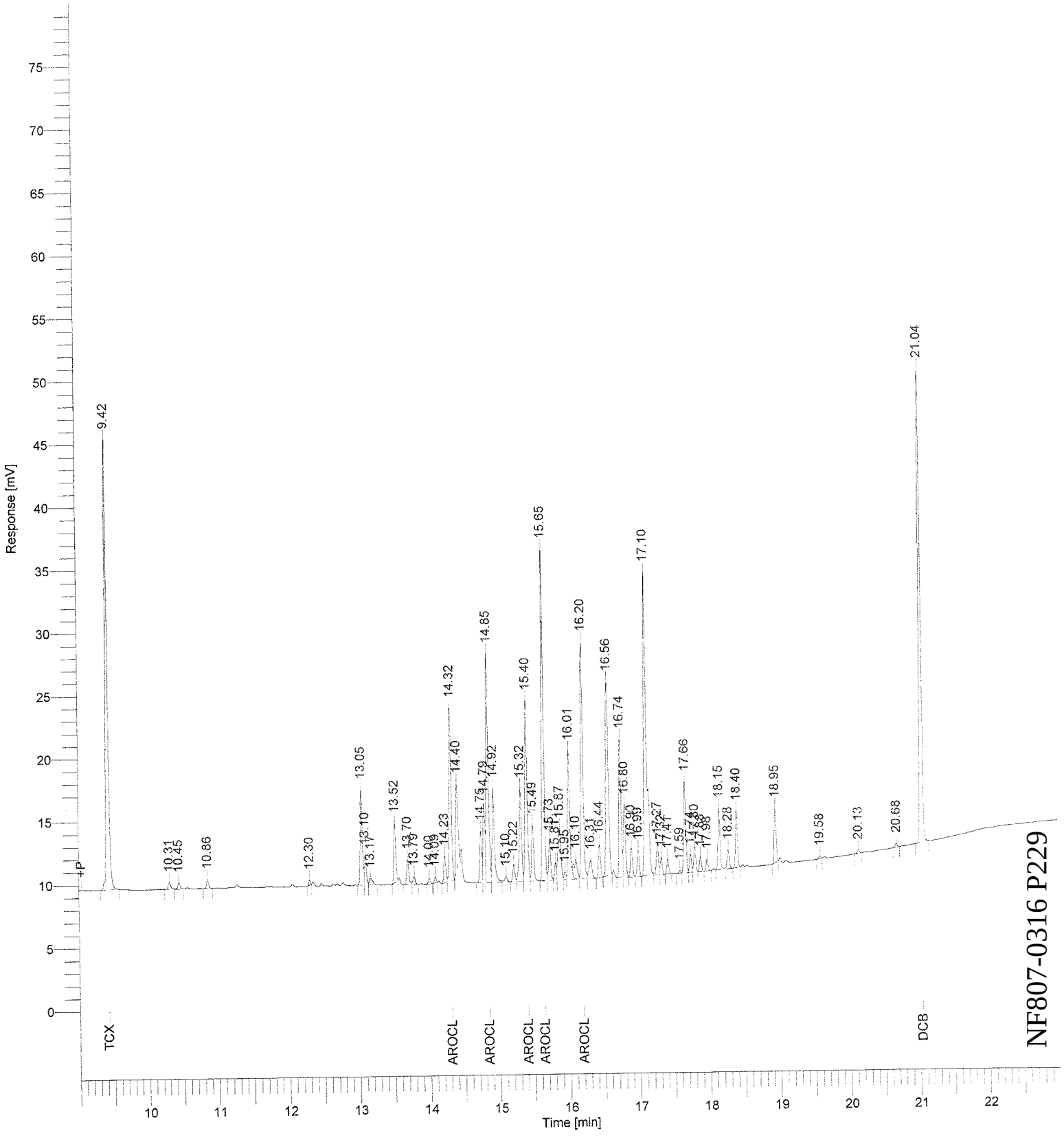
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
AROCLOR-1254-3	0.1695	15.40	32046	0.16950	0.33899	189067
	0.1947	15.49	9735	0.19470	0.38940	50000
AROCLOR-1254-4	0.1695	15.65	53618	0.16948	0.33897	316360
	0.1326	15.73	6632	0.13263	0.26526	50000
	0.0527	15.81	2633	0.05265	0.10530	50000
	0.2454	15.87	12268	0.24536	0.49072	50000
	0.0214	15.95	1071	0.02143	0.04285	50000
	0.4475	16.01	22376	0.44752	0.89504	50000
	0.1029	16.10	5144	0.10287	0.20574	50000
AROCLOR-1254-5	0.1684	16.20	41888	0.16838	0.33677	248768
	0.0911	16.31	4554	0.09107	0.18215	50000
	0.1059	16.44	5297	0.10594	0.21188	50000
	0.8203	16.56	41013	0.82027	1.64054	50000
	0.4639	16.74	23193	0.46387	0.92773	50000
	0.2493	16.80	12464	0.24928	0.49857	50000
	0.0977	16.90	4885	0.09770	0.19539	50000
	0.0835	16.99	4176	0.08352	0.16704	50000
	1.2952	17.10	64760	1.29520	2.59040	50000
	0.1080	17.27	5401	0.10803	0.21605	50000
	0.0557	17.32	2784	0.05568	0.11136	50000
	0.0467	17.41	2334	0.04669	0.09337	50000
	0.0100	17.59	498	0.00997	0.01993	50000
	0.3106	17.66	15528	0.31055	0.62111	50000
	0.0607	17.74	3035	0.06071	0.12141	50000
	0.0833	17.80	4163	0.08326	0.16651	50000
	0.0474	17.88	2371	0.04742	0.09484	50000
	0.0384	17.98	1922	0.03843	0.07686	50000
	0.2049	18.15	10247	0.20493	0.40987	50000
	0.0625	18.28	3124	0.06248	0.12497	50000
	0.1836	18.40	9179	0.18358	0.36715	50000
	0.1733	18.95	8663	0.17326	0.34652	50000
	0.0083	19.58	413	0.00827	0.01654	50000
	0.0126	20.13	630	0.01260	0.02521	50000
	0.0137	20.68	687	0.01374	0.02747	50000
DCB	0.0149	21.04	78708	0.01488	0.02976	5289581
				9.15143	18.30286	13764109

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00242.TX0

NF807-0316 P228

Chromatogram

Sample Name : AR125402 Sample #: 1254wm03 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00242.raw
Date : 4/8/2008 11:38:30 AM
Method : pest Time of Injection: 3/27/2008 10:11:59 AM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version : 6.3.1.0504
Reprocess Number : I-21865: 88503
Operator : manager
Sample Number : 1254wm03
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/27/2008 10:11:59 AM

Date : 4/8/2008 11:33:55 AM

Sample Name : AR125402
Study : ccv","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 3

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00242.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00242.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00242.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00242.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\54b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00242.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 67
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0184	9.33	133043	0.01837	0.03675	7240554
	0.0131	9.87	653	0.01306	0.02613	50000
	0.0304	10.31	1519	0.03037	0.06074	50000
	0.0432	10.79	2160	0.04320	0.08640	50000
	0.0101	11.55	503	0.01005	0.02011	50000
	0.0148	12.22	742	0.01483	0.02966	50000
	0.0165	12.54	824	0.01648	0.03296	50000
	0.0141	12.76	703	0.01407	0.02814	50000
	0.0261	12.84	1305	0.02611	0.05221	50000
	0.0082	13.08	408	0.00816	0.01632	50000
	0.0110	13.14	552	0.01103	0.02206	50000
	0.5176	13.29	25878	0.51757	1.03514	50000
	0.1624	13.37	8121	0.16241	0.32482	50000
	0.0447	13.45	2237	0.04475	0.08949	50000
	0.0147	13.77	736	0.01471	0.02942	50000
	0.3262	13.84	16311	0.32622	0.65244	50000
	0.0320	13.92	1602	0.03204	0.06408	50000
	0.1657	14.09	8284	0.16568	0.33136	50000
	0.0377	14.40	1885	0.03770	0.07541	50000
	0.1503	14.48	7516	0.15032	0.30065	50000
	0.5063	14.62	25313	0.50626	1.01253	50000
AROCLOR-1254-1	0.1829	14.69	54035	0.18294	0.36589	295363
	0.1655	14.85	8273	0.16546	0.33093	50000

NF807-0316 P230

4/8/2008 11:33:55 AM Result: S:\GC\HP6890-2\2008\03-2008\2b00242.rst

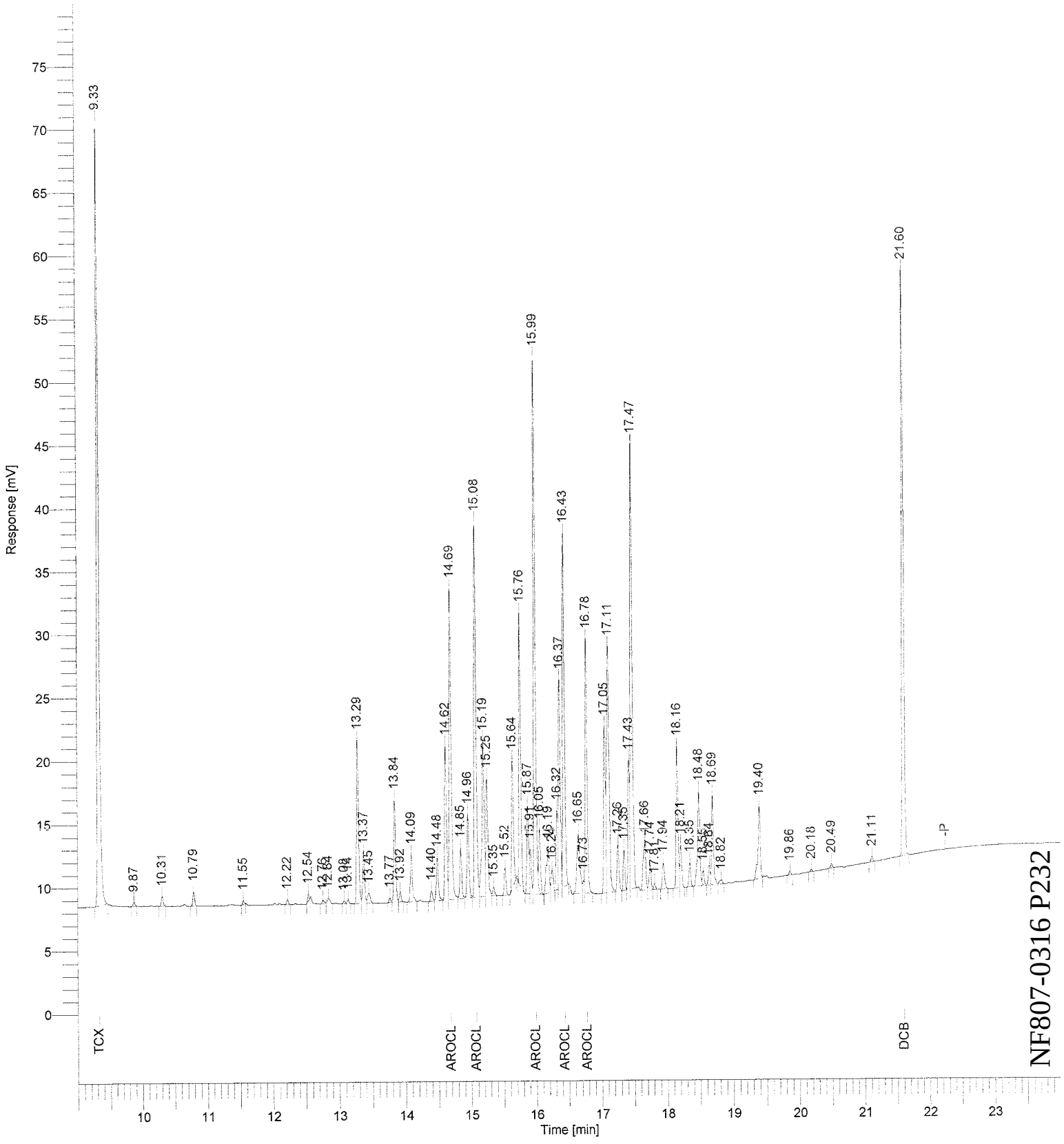
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	0.2697	14.96	13484	0.26968	0.53936	50000
AROCLOR-1254-2	0.1855	15.08	59045	0.18550	0.37101	318294
	0.6175	15.19	30875	0.61750	1.23499	50000
	0.3868	15.25	19341	0.38683	0.77365	50000
	0.0269	15.35	1345	0.02691	0.05381	50000
	0.0856	15.52	4280	0.08559	0.17118	50000
	0.4005	15.64	20027	0.40053	0.80106	50000
	0.8132	15.76	40662	0.81324	1.62648	50000
	0.2824	15.87	14118	0.28235	0.56470	50000
	0.1275	15.91	6375	0.12751	0.25501	50000
AROCLOR-1254-3	0.1844	15.99	83337	0.18441	0.36883	451905
	0.1885	16.05	9427	0.18853	0.37707	50000
	0.2079	16.19	10395	0.20790	0.41580	50000
	0.0808	16.24	4039	0.08079	0.16158	50000
	0.2200	16.32	10999	0.21997	0.43995	50000
	0.7001	16.37	35004	0.70008	1.40016	50000
AROCLOR-1254-4	0.1661	16.43	55604	0.16606	0.33211	334852
	0.3042	16.65	15211	0.30421	0.60842	50000
	0.0294	16.73	1471	0.02943	0.05886	50000
AROCLOR-1254-5	0.1727	16.78	40454	0.17270	0.34541	234239
	0.5212	17.05	26062	0.52124	1.04249	50000
	1.0572	17.11	52858	1.05716	2.11432	50000
	0.1561	17.26	7803	0.15607	0.31213	50000
	0.1197	17.35	5983	0.11967	0.23933	50000
	0.3475	17.43	17376	0.34752	0.69505	50000
	1.5615	17.47	78074	1.56148	3.12296	50000
	0.2161	17.66	10805	0.21609	0.43218	50000
	0.0850	17.74	4248	0.08497	0.16994	50000
	0.0176	17.81	880	0.01759	0.03518	50000
	0.0938	17.94	4691	0.09382	0.18764	50000
	0.4471	18.16	22355	0.44710	0.89420	50000
	0.1319	18.21	6595	0.13189	0.26378	50000
	0.0750	18.35	3750	0.07499	0.14999	50000
	0.3651	18.48	18253	0.36505	0.73010	50000
	0.0424	18.55	2119	0.04239	0.08477	50000
	0.0572	18.64	2861	0.05722	0.11445	50000
	0.2924	18.69	14619	0.29238	0.58475	50000
	0.0195	18.82	976	0.01951	0.03902	50000
	0.2685	19.40	13424	0.26848	0.53697	50000
	0.0115	19.86	577	0.01154	0.02309	50000
	0.0071	20.18	355	0.00709	0.01418	50000
	0.0141	20.49	707	0.01413	0.02826	50000
	0.0165	21.11	825	0.01650	0.03301	50000
DCB	0.0142	21.60	91100	0.01419	0.02838	6420852
				13.89963	27.79925	18296059

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00242.TX0

NF807-0316 P231

Chromatogram

Sample Name : AR125402 Sample #: 1254wm03 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2b00242.raw
Date : 4/8/2008 11:33:58 AM
Method : pest Time of Injection: 3/27/2008 10:11:59 AM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P232

IV. QC DATA PACKAGE FOR PESTICIDES/PCBs

A. BLANK DATA
B. MATRIX SPIKE SAMPLE DATA
C. MATRIX SPIKE DUPLICATE SAMPLE DATA
D. MATRIX SPIKE BLANK DATA
E. QC SPIKE DATA (IF APPLICABLE)
F. COPY OF CALCULATIONS

1E

EPA SAMPLE NO.

MB-25569

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: MB-25569

Sample wt/vol: 15 (g/mL) G Lab File ID: a00208.raw

% Moisture: Decanted: (Y/N) N Date Received:

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/25/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	33	U
11104-28-2	Aroclor 1221	67	U
11141-16-5	Aroclor 1232	33	U
53469-21-9	Aroclor 1242	33	U
12672-29-6	Aroclor 1248	33	U
11097-69-1	Aroclor 1254	33	U
11096-82-5	Aroclor 1260	33	U

NF807-0316 P234

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87821
Operator : manager
Sample Number : B-3-24
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 4:31:28 PM

Date : 4/3/2008 4:50:21 PM

Sample Name : MB-25569
Study : mblk","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00208.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00208.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00208.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00208.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00208.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 7
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

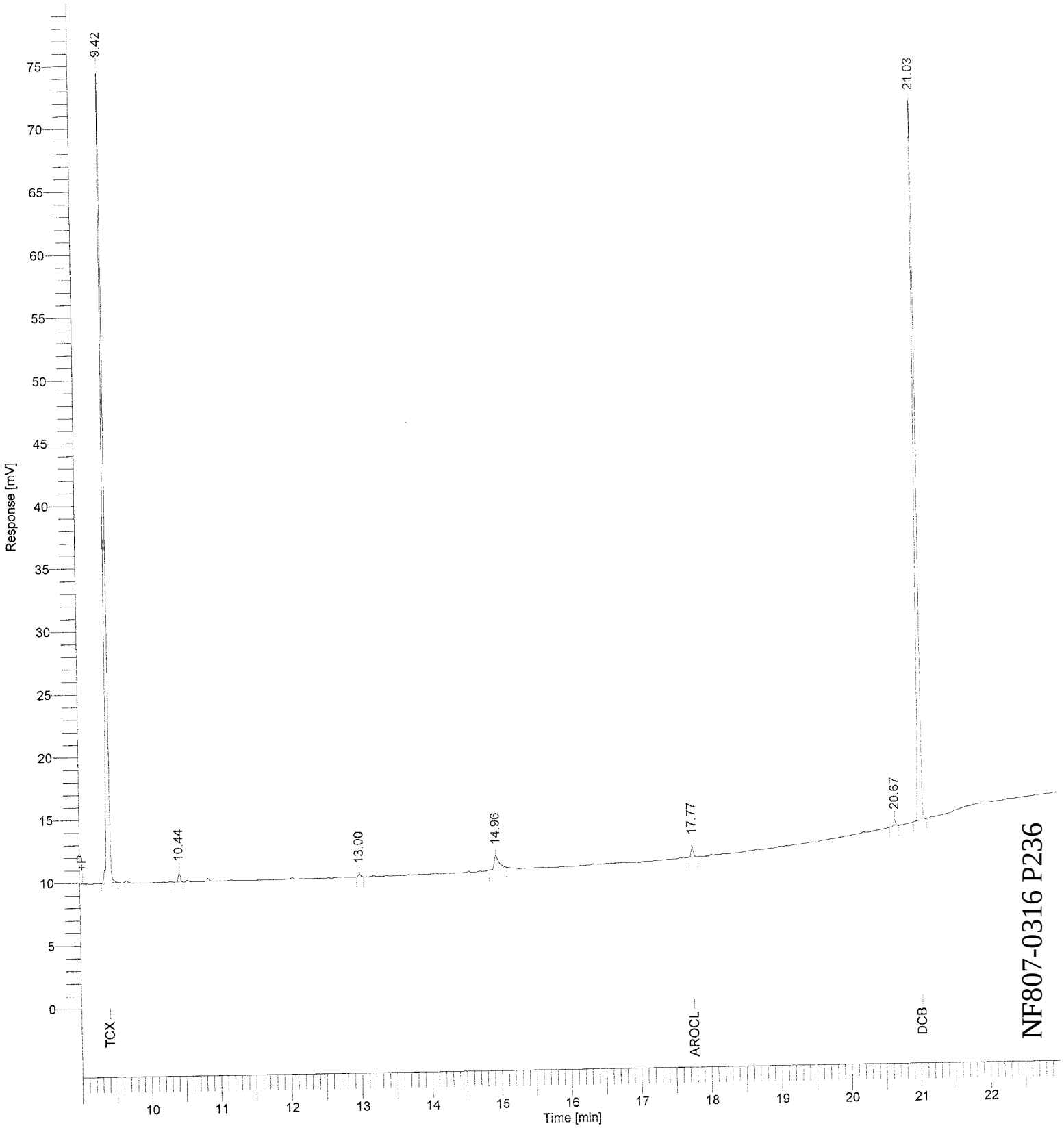
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	18.2514	9.42	126949	0.02736	0.05473	4639369
	21.1991	10.44	1589	0.03178	0.06357	50000
	7.3241	13.00	549	0.01098	0.02196	50000
	66.9059	14.96	5015	0.10031	0.20062	50000
AROCLOR-1260-2	5.6065	17.77	1941	0.00841	0.01681	230895
	14.6004	20.67	1094	0.02189	0.04378	50000
DCB	15.2702	21.03	119002	0.02289	0.04579	5197985
				0.22362	0.44725	10268249

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00208.TX0

NF807-0316 P235

Chromatogram

Sample Name : MB-25569 Sample #: B-3-24
FileName : S:\GC\HP6890-2\2008\03-2008\2a00208.raw
Date : 4/3/2008 4:50:24 PM
Method : pest Time of Injection: 3/25/2008 4:31:28 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P236

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87822
Operator : manager
Sample Number : B-3-24
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 4:31:28 PM

Date : 4/3/2008 4:50:28 PM

Sample Name : MB-25569
Study : mblk","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00208.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00208.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00208.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00208.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00208.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 9
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

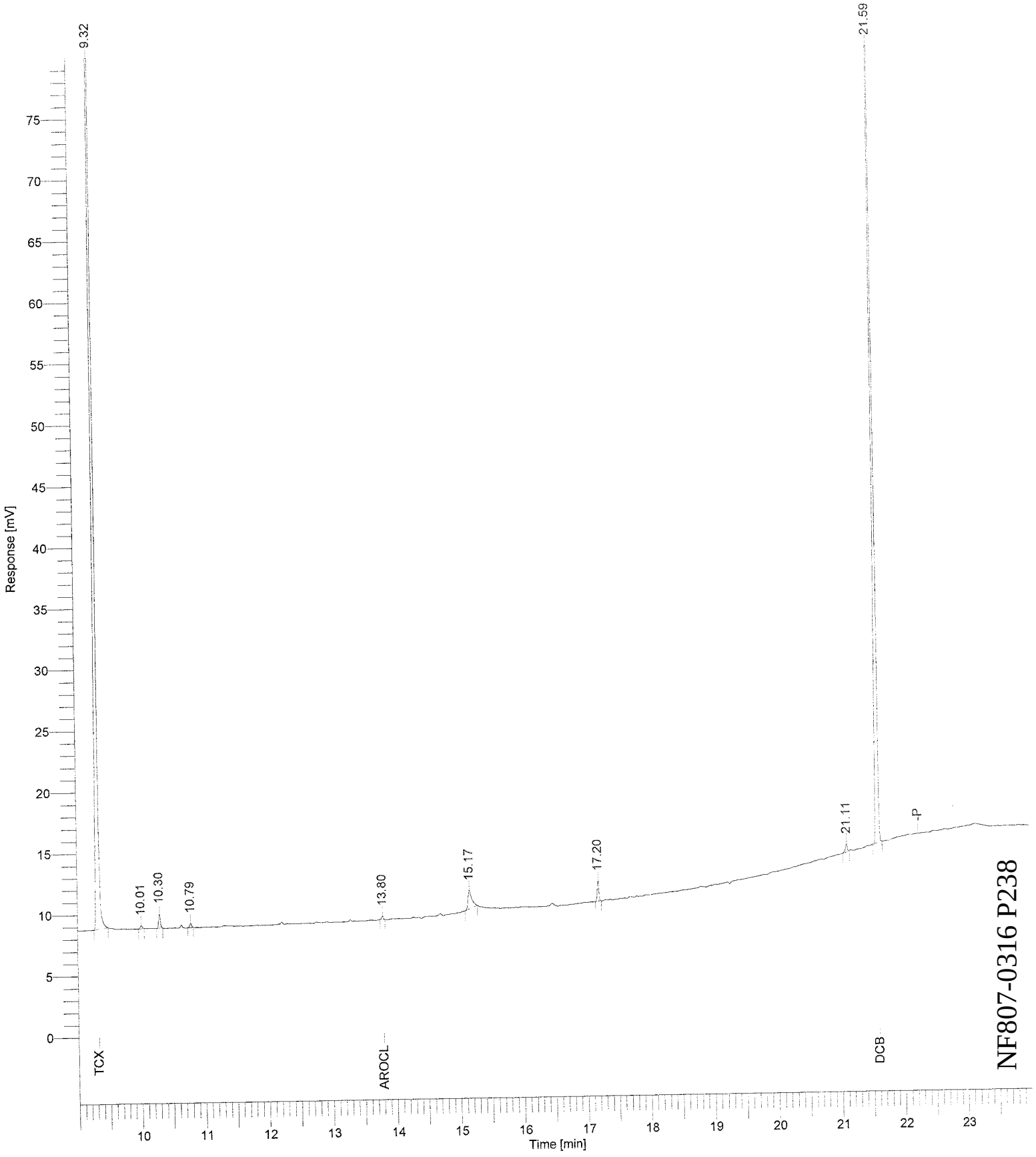
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	18.5670	9.32	199498	0.02784	0.05567	7166746
	7.7766	10.01	583	0.01166	0.02332	50000
	29.9337	10.30	2244	0.04488	0.08976	50000
	8.9531	10.79	671	0.01342	0.02685	50000
AROCLOR-1016-5	0.0468	13.80	503	0.00007	0.00014	7166746
	86.0166	15.17	6448	0.12896	0.25792	50000
	39.8613	17.20	2988	0.05976	0.11952	50000
	19.1565	21.11	1436	0.02872	0.05744	50000
DCB	12.6748	21.59	136187	0.01900	0.03801	7166746
				0.33431	0.66862	21800239

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00208.TX0

NF807-0316 P237

Chromatogram

Sample Name : MB-25569 Sample #: B-3-24
FileName : S:\GC\HP6890-2\2008\03-2008\2b00208.raw
Date : 4/3/2008 4:50:30 PM
Method : pest Time of Injection: 3/25/2008 4:31:28 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P238

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK 15

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: PIBLK 15

Sample wt/vol: (g/mL) Lab File ID: a00206.raw

% Moisture: Decanted: (Y/N) N Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 03/25/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	33	U
11104-28-2	Aroclor 1221	67	U
11141-16-5	Aroclor 1232	33	U
53469-21-9	Aroclor 1242	33	U
12672-29-6	Aroclor 1248	33	U
11097-69-1	Aroclor 1254	33	U
11096-82-5	Aroclor 1260	33	U

NF807-0316 P239

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87837
Operator : manager
Sample Number : PIBLK 15
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 3:34:15 PM

Date : 4/4/2008 8:52:22 AM

Sample Name : PIBLK 15
Study : piblk","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00206.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00206.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00206.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00206.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00206.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 7
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

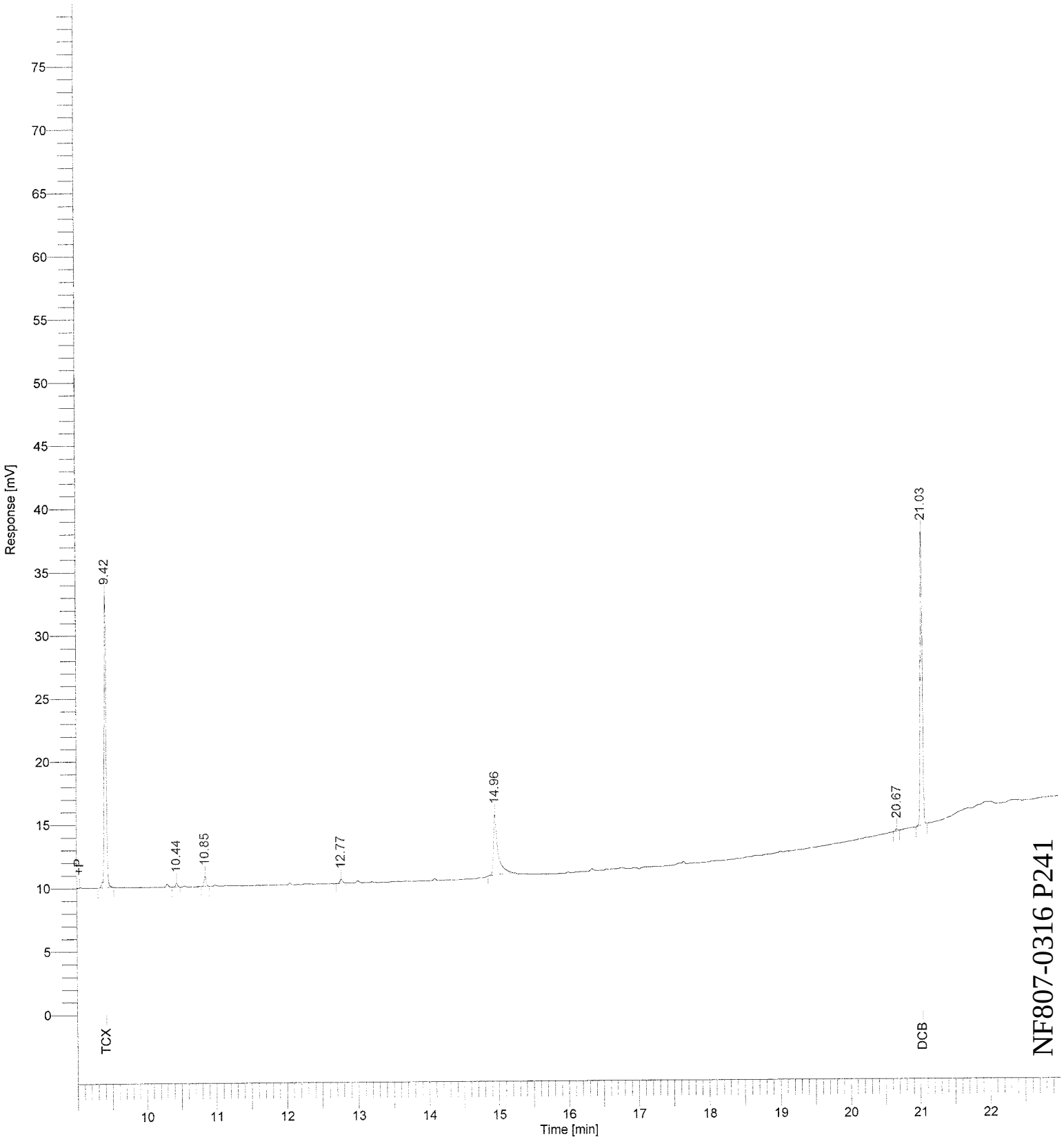
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0099	9.42	45711	0.00985	0.01971	4639369
	0.0116	10.44	582	0.01163	0.02326	50000
	0.0323	10.85	1613	0.03226	0.06452	50000
	0.0168	12.77	838	0.01675	0.03351	50000
	0.4172	14.96	20859	0.41717	0.83435	50000
	0.0073	20.67	367	0.00734	0.01469	50000
DCB	0.0094	21.03	48716	0.00937	0.01874	5197985
				0.50438	1.00876	10087354

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00206.TX0

NF807-0316 P240

Chromatogram

Sample Name : PIBLK 15 Sample #: PIBLK 15
FileName : S:\GC\HP6890-2\2008\03-2008\2a00206.raw
Date : 4/4/2008 8:52:25 AM
Method : pest Time of Injection: 3/25/2008 3:34:15 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P241

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87838
Operator : manager
Sample Number : PIBLK 15
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 3:34:15 PM

Date : 4/4/2008 8:52:28 AM

Sample Name : PIBLK 15
Study : piblk","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00206.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00206.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00206.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00206.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00206.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 9
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

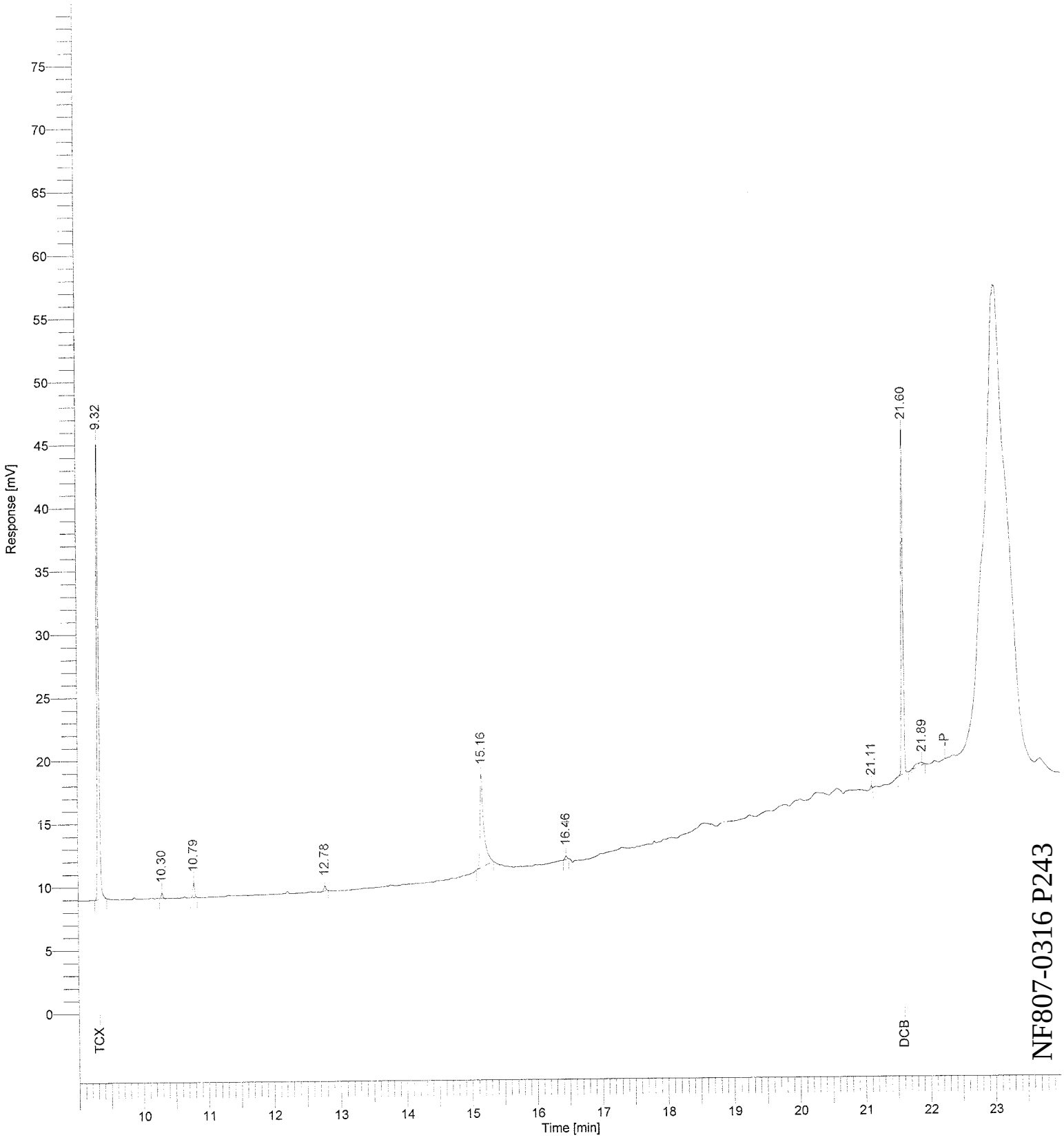
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0098	9.32	70486	0.00984	0.01967	7166746
	0.0157	10.30	783	0.01567	0.03133	50000
	0.0446	10.79	2231	0.04463	0.08925	50000
	0.0188	12.78	940	0.01879	0.03758	50000
	0.5849	15.16	29247	0.58495	1.16989	50000
	0.0128	16.46	641	0.01282	0.02564	50000
	0.0075	21.11	374	0.00747	0.01494	50000
DCB	0.0075	21.60	53662	0.00749	0.01498	7166746
	0.0464	21.89	2321	0.04641	0.09282	50000
				0.74805	1.49611	14683492

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00206.TX0

NF807-0316 P242

Chromatogram

Sample Name : PIBLK 15 Sample #: PIBLK 15
FileName : S:\GC\HP6890-2\2008\03-2008\2b00206.raw
Date : 4/4/2008 8:52:31 AM
Method : pest Time of Injection: 3/25/2008 3:34:15 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLK 16

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: PIBLK 16

Sample wt/vol: (g/mL) Lab File ID: a00224.raw

% Moisture: Decanted: (Y/N) N Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 03/26/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	33	U
11104-28-2	Aroclor 1221	67	U
11141-16-5	Aroclor 1232	33	U
53469-21-9	Aroclor 1242	33	U
12672-29-6	Aroclor 1248	33	U
11097-69-1	Aroclor 1254	33	U
11096-82-5	Aroclor 1260	33	U

NF807-0316 P244

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87839
Operator : manager
Sample Number : PIBLK 16
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 12:08:44 AM

Date : 4/4/2008 8:53:22 AM

Sample Name : PIBLK 16
Study : piblk","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00224.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00224.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00224.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00224.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00224.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 7
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

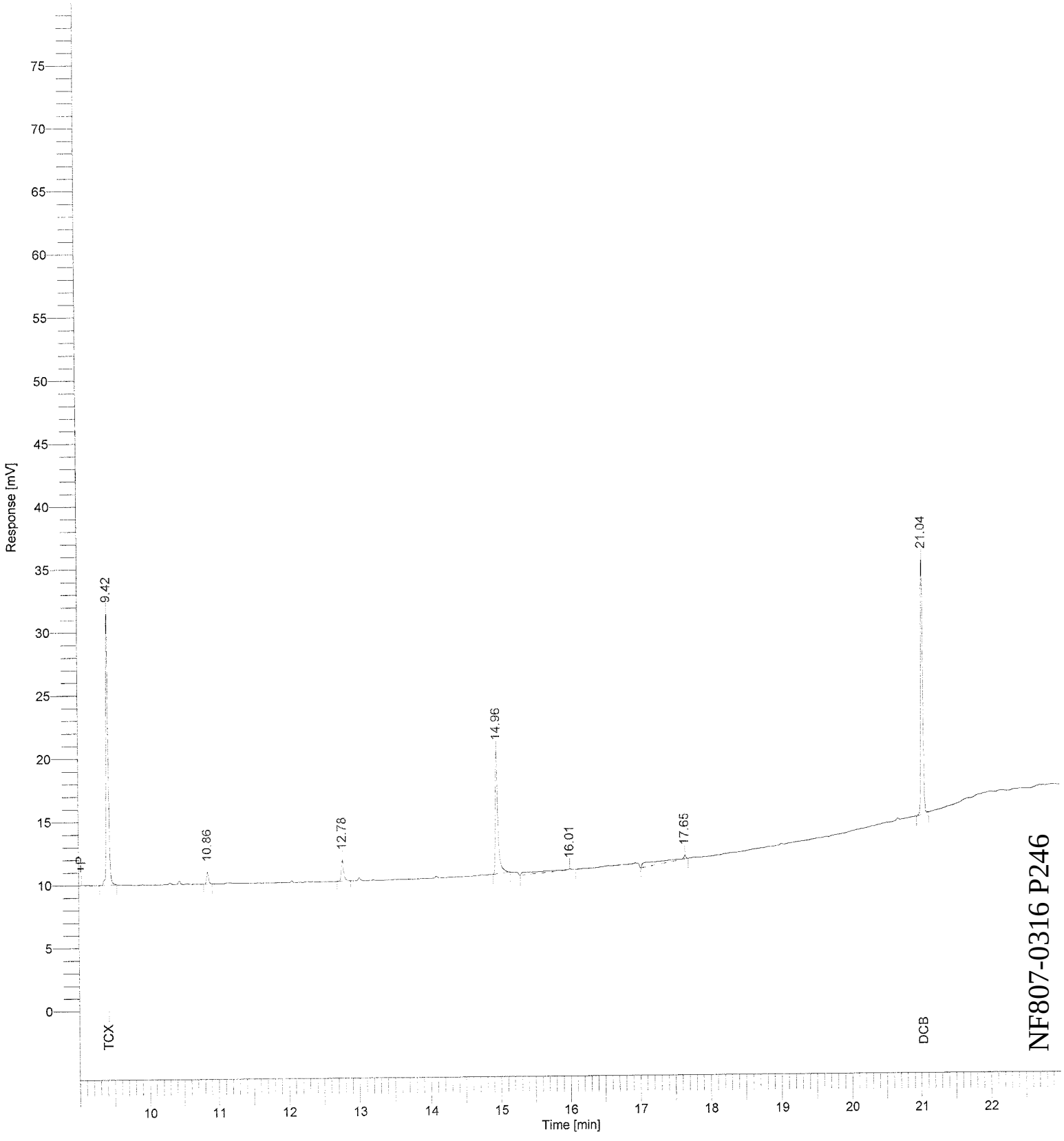
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0097	9.42	44860	0.00967	0.01934	4639369
	0.0395	10.86	1973	0.03946	0.07893	50000
	0.0820	12.78	4101	0.08202	0.16405	50000
	0.5068	14.96	25339	0.50678	1.01357	50000
	0.0980	16.01	4901	0.09803	0.19606	50000
	0.1574	17.65	7871	0.15742	0.31485	50000
DCB	0.0082	21.04	42779	0.00823	0.01646	5197985
				0.90163	1.80325	10087354

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00224.TX0

NF807-0316 P245

Chromatogram

Sample Name : PIBLK 16 Sample #: PIBLK 16
FileName : S:\GC\HP6890-2\2008\03-2008\2a00224.raw
Date : 4/4/2008 8:53:25 AM
Method : pest Time of Injection: 3/26/2008 12:08:44 AM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P246

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87840
Operator : manager
Sample Number : PIBLK 16
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/26/2008 12:08:44 AM

Date : 4/4/2008 8:53:28 AM

Sample Name : PIBLK 16
Study : piblk","aspb5-8082_s
Rack/Vial : 0/0
Channel : B
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 5.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00224.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00224.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00224.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00224.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00224.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 1
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP2
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 8
Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

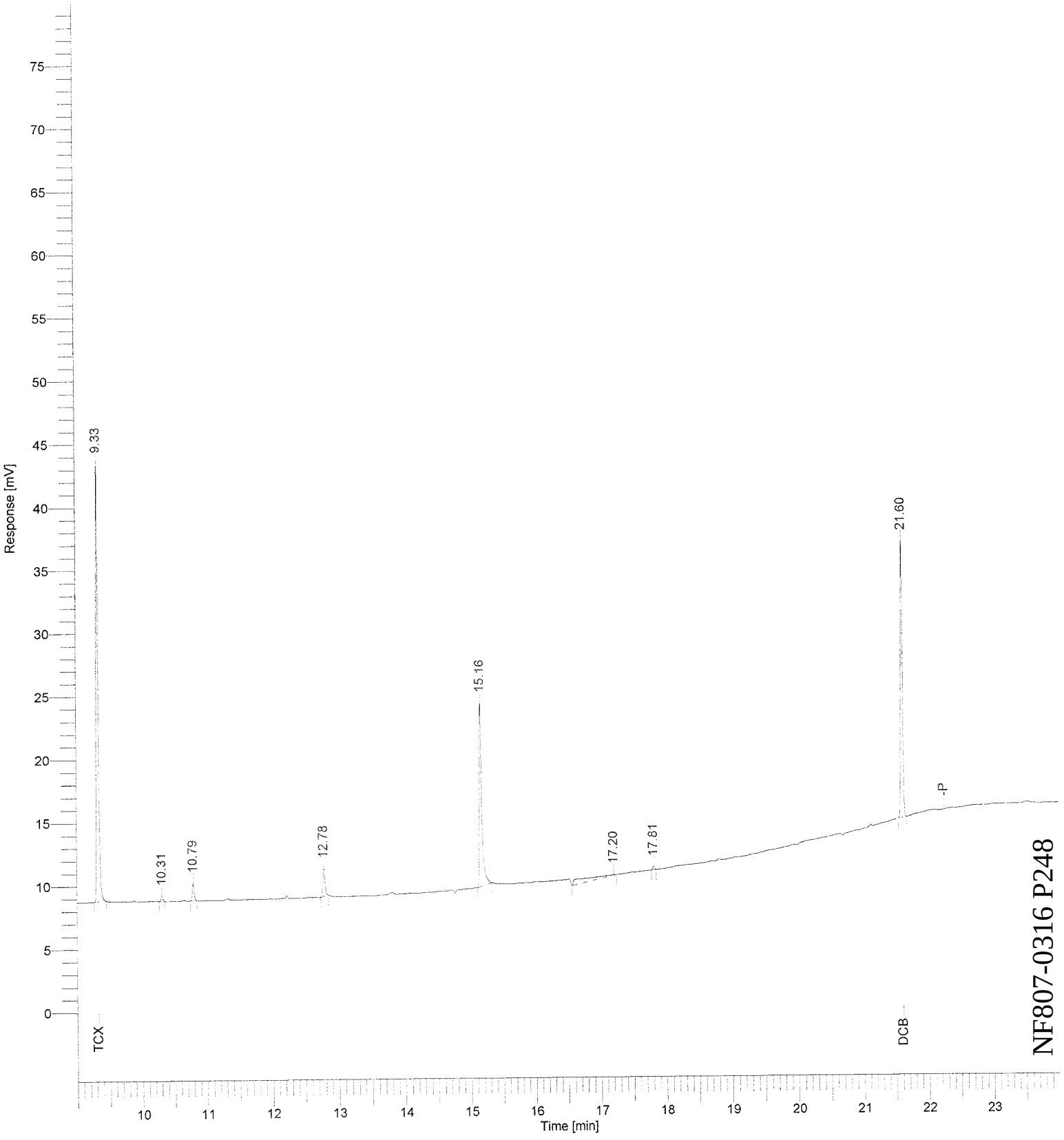
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0097	9.33	69588	0.00971	0.01942	7166746
	0.0165	10.31	824	0.01648	0.03297	50000
	0.0537	10.79	2687	0.05374	0.10747	50000
	0.0965	12.78	4823	0.09645	0.19291	50000
	0.7423	15.16	37113	0.74226	1.48452	50000
	0.1762	17.20	8811	0.17621	0.35242	50000
	0.0103	17.81	513	0.01027	0.02054	50000
DCB	0.0061	21.60	43542	0.00608	0.01215	7166746
				1.11120	2.22240	14633492

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00224.TX0

NF807-0316 P247

Chromatogram

Sample Name : PIBLK 16 Sample #: PIBLK 16
FileName : S:\GC\HP6890-2\2008\03-2008\2b00224.raw
Date : 4/4/2008 8:53:31 AM
Method : pest Time of Injection: 3/26/2008 12:08:44 AM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P248

1E

EPA SAMPLE NO.

PIBLK19

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) WATER Lab Sample ID: PIBLK19

Sample wt/vol: (g/mL) Lab File ID: a00239.raw

% Moisture: Decanted: (Y/N) N Date Received:

Extraction: (Type) Date Extracted:

Concentrated Extract Volume: (uL) Date Analyzed: 03/27/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) N

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.065	U
11104-28-2	Aroclor 1221	0.065	U
11141-16-5	Aroclor 1232	0.065	U
53469-21-9	Aroclor 1242	0.065	U
12672-29-6	Aroclor 1248	0.065	U
11097-69-1	Aroclor 1254	0.065	U
11096-82-5	Aroclor 1260	0.065	U

NF807-0316 P249

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 88508
Operator : manager
Sample Number : PIBLK19
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/27/2008 8:46:12 AM

Date : 4/8/2008 11:42:02 AM

Sample Name : PIBLK19
Study : piblk","608pcb-low_w
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00239.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00239.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00239.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00239.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00239.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 1.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 4
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

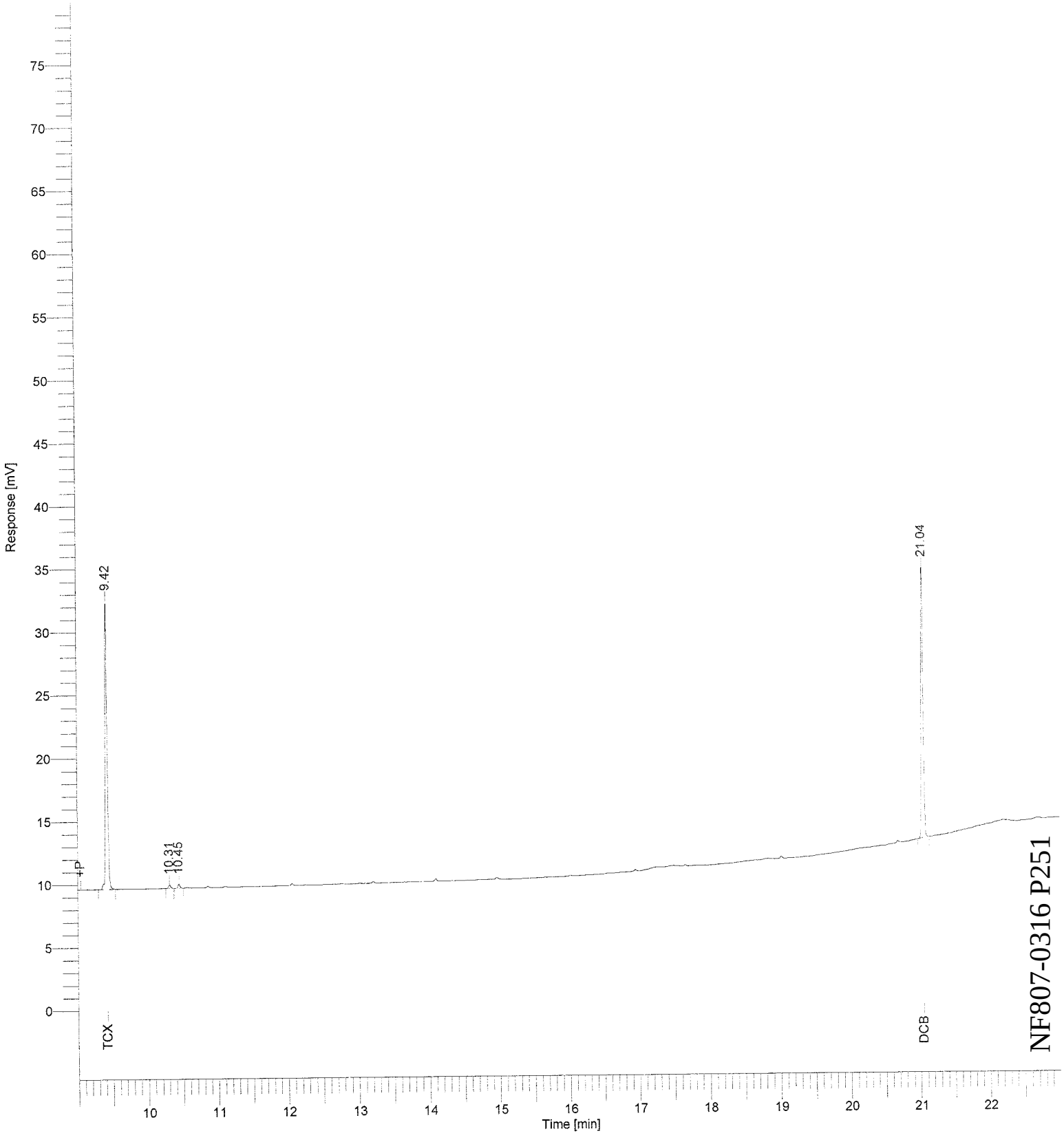
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0108	9.42	45979	0.01083	0.02165	4246925
	0.0120	10.31	601	0.01201	0.02403	50000
	0.0121	10.45	607	0.01214	0.02428	50000
DCB	0.0097	21.04	45032	0.00971	0.01942	4636582
				0.04469	0.08938	8983507

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00239.TX0

NF807-0316 P250

Chromatogram

Sample Name : PIBLK19 Sample #: PIBLK19 Page 1 of 1
FileName : S:\GC\HP6890-2\2008\03-2008\2a00239.raw
Date : 4/8/2008 11:42:05 AM
Method : pest Time of Injection: 3/27/2008 8:46:12 AM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P251

Software Version	: 6.3.1.0504	Date	: 4/8/2008 11:42:07 AM
Reprocess Number	: I-21865: 88509		
Operator	: manager	Sample Name	: PIBLK19
Sample Number	: PIBLK19	Study	: piblk","608pcb-low_w
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: 6890-2	Channel	: B
Interface Serial #	: 9144290001	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 24.00 min
Sampling Rate	: 4.1660 pts/s		
Sample Volume	: 0.500000 ul		
Sample Amount	: 1.0000	Area Reject	: 5.000000
Data Acquisition Time	: 3/27/2008 8:46:12 AM	Dilution Factor	: 1.00
		Cycle	: 2

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00239.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00239.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00239.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00239.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00239.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold	: 25	Area Threshold	: 500
Bunch Factor	: 1	Multiplier	: 1.0000
Divisor	: 1.0000	Addend	: 0.0000

User1	: HP6890-2
User2	: Rtx-CLP2
User3	: 0.32
User4	:
User5	:
User6	:
User7	:
User8	:
User9	:
User10	:
Total number of peaks detected	: 4

Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

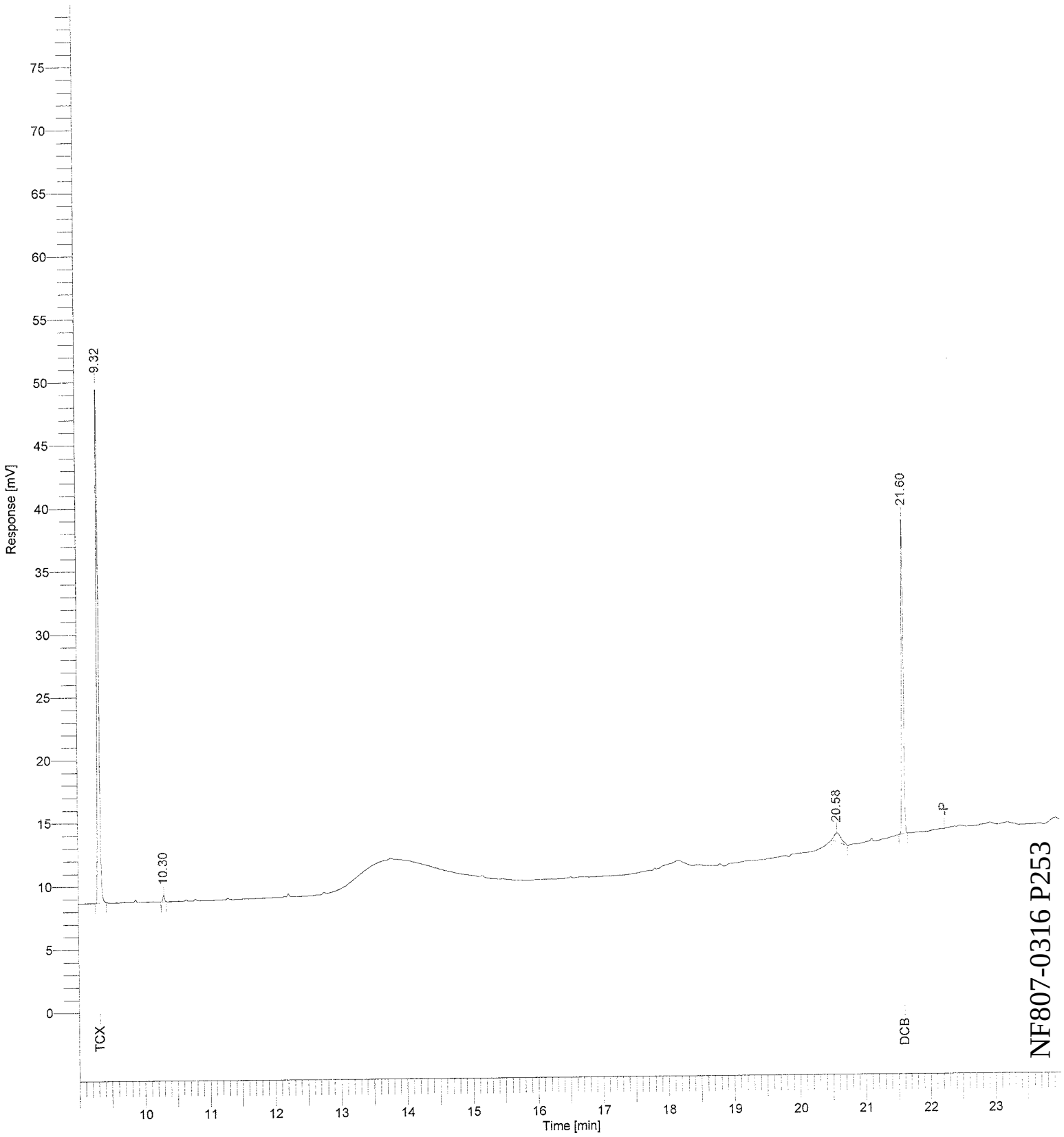
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	0.0121	9.32	79514	0.01208	0.02416	6583425
	0.0187	10.30	937	0.01873	0.03747	50000
	0.1090	20.58	5449	0.10899	0.21798	50000
DCB	0.0089	21.60	50602	0.00886	0.01772	5711241
				0.14866	0.29732	12394666

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00239.TXO

NF807-0316 P252

Chromatogram

Sample Name : PIBLK19 Sample #: PIBLK19
FileName : S:\GC\HP6890-2\2008\03-2008\2b00239.raw
Date : 4/8/2008 11:42:10 AM
Method : pest Time of Injection: 3/27/2008 8:46:12 AM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



1E

QC Check Sample/Standard

EPA SAMPLE NO.

LFB-25569

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: NF807 SAS No.: _____ SDG No.: NF807-0316

Matrix: (soil/water) SOIL Lab Sample ID: LFB-25569

Sample wt/vol: 15 (g/mL) G Lab File ID: a00209.raw

% Moisture: Decanted: (Y/N) N Date Received:

Extraction: (Type) PFEX Date Extracted: 03/24/08

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 03/25/08

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	220	
11104-28-2	Aroclor 1221	67	U
11141-16-5	Aroclor 1232	33	U
53469-21-9	Aroclor 1242	33	U
12672-29-6	Aroclor 1248	33	U
11097-69-1	Aroclor 1254	33	U
11096-82-5	Aroclor 1260	210	

NF807-0316 P254

Software Version : 6.3.1.0504
Reprocess Number : I-21865: 87823
Operator : manager
Sample Number : LFB-3-24
AutoSampler : NONE
Instrument Name : 6890-2
Interface Serial # : 9144290001
Delay Time : 0.00 min
Sampling Rate : 4.1660 pts/s
Sample Volume : 0.500000 ul
Sample Amount : 1.0000
Data Acquisition Time : 3/25/2008 5:00:03 PM

Date : 4/3/2008 4:50:33 PM

Sample Name : LFB-25569
Study : lfb","aspb5-8082_s
Rack/Vial : 0/0
Channel : A
A/D mV Range : 1000
End Time : 24.00 min

Area Reject : 10.000000
Dilution Factor : 1.00
Cycle : 3

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2a00209.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2a00209.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2a00209.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00209.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606a0314r.mth from S:\GC\HP6890-2\2008\03-2008\2a00209.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq
Noise Threshold : 25
Bunch Factor : 2
Divisor : 1.0000

Area Threshold : 500
Multiplier : 667.0000
Addend : 0.0000

User1 : HP6890-2
User2 : Rtx-CLP
User3 : 0.32
User4 :
User5 :
User6 :
User7 :
User8 :
User9 :
User10 :
Total number of peaks detected : 79
Instrument Conditions

6890-2
COLUMN: RTX-CLP 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	10.4661	9.28	785	0.01569	0.03138	50000
	43.8304	9.37	3286	0.06571	0.13143	50000
TCX	17.5489	9.42	122063	0.02631	0.05262	4639369
	66.5320	9.92	4987	0.09975	0.19950	50000
	76.4963	10.30	5734	0.11469	0.22937	50000
	387.3662	10.40	29038	0.58076	1.16152	50000
	44.6929	10.70	3350	0.06701	0.13401	50000
	6.6152	10.85	496	0.00992	0.01984	50000
AROCLOR-1016-1	212.6478	11.26	53302	0.31881	0.63762	167190
	32.6083	11.39	2444	0.04889	0.09778	50000
	94.0851	11.56	7053	0.14106	0.28211	50000
	216.0416	11.70	16195	0.32390	0.64780	50000
	286.2088	11.75	21455	0.42910	0.85820	50000
	12.0895	11.92	906	0.01813	0.03625	50000
	229.4529	12.18	17200	0.34401	0.68801	50000
AROCLOR-1016-2	216.6204	12.30	50953	0.32477	0.64954	156892
AROCLOR-1016-3	217.5821	12.35	72722	0.32621	0.65242	222930
	90.9713	12.47	6819	0.13639	0.27278	50000
	32.4477	12.55	2432	0.04865	0.09729	50000
AROCLOR-1016-4	234.4479	12.63	43363	0.35150	0.70299	123366
	121.9890	12.69	9145	0.18289	0.36578	50000
	443.1333	12.77	33218	0.66437	1.32874	50000
	45.1266	12.95	3383	0.06766	0.13531	50000

NF807-0316 P255

4/3/2008 4:50:33 PM Result: S:\GC\HP6890-2\2008\03-2008\2a00209.rst

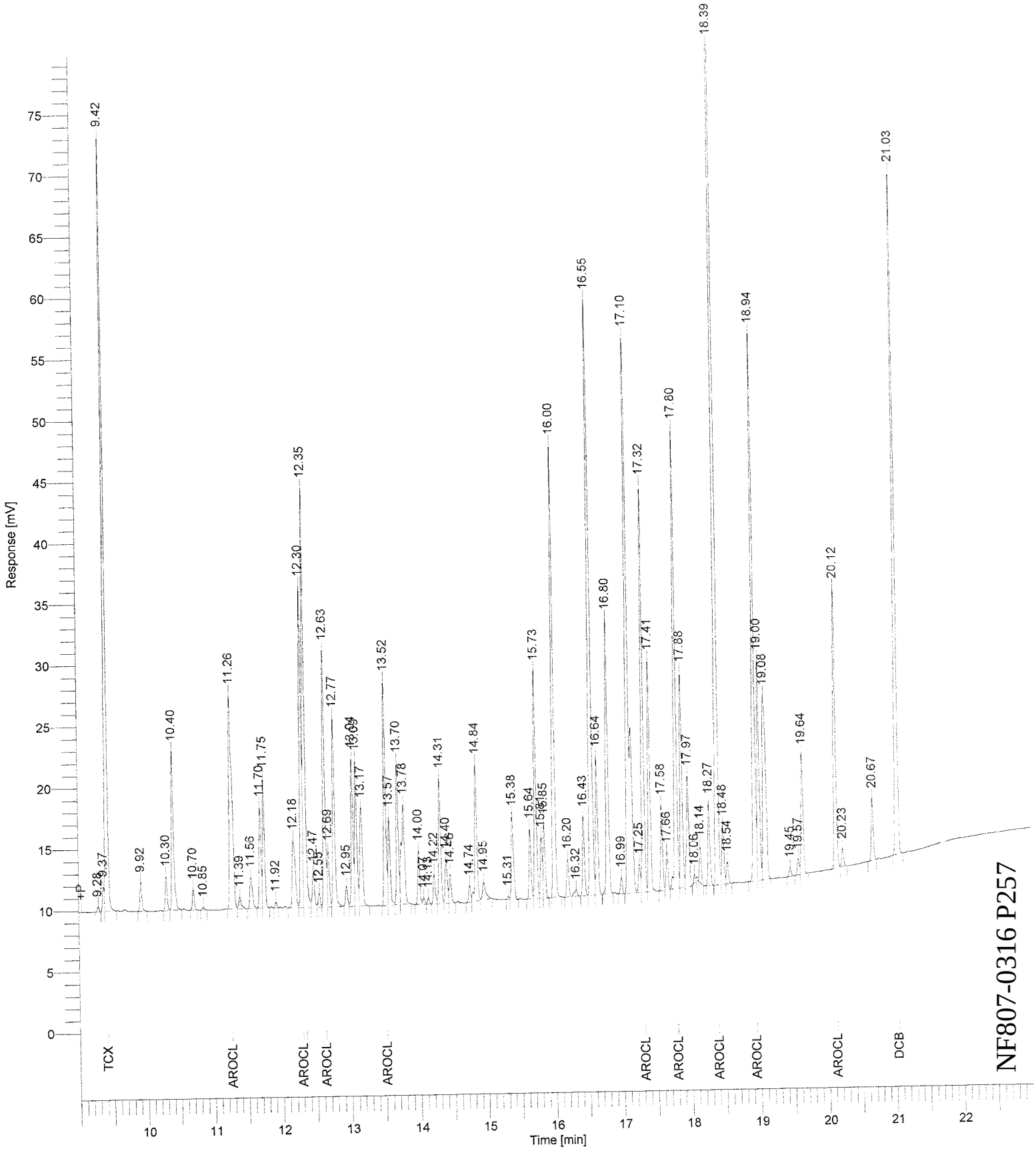
Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	330.9832	13.04	24811	0.49623	0.99245	50000
	335.2387	13.09	25130	0.50261	1.00521	50000
	286.3887	13.17	21468	0.42937	0.85874	50000
AROCLOR-1016-5	216.9704	13.52	38034	0.32529	0.65059	116922
	205.9079	13.57	15435	0.30871	0.61741	50000
	314.4970	13.70	23575	0.47151	0.94302	50000
	358.5826	13.78	26880	0.53761	1.07521	50000
	121.4578	14.00	9105	0.18210	0.36419	50000
	12.9108	14.07	968	0.01936	0.03871	50000
	12.8050	14.13	960	0.01920	0.03840	50000
	68.8632	14.22	5162	0.10324	0.20649	50000
	286.7128	14.31	21493	0.42985	0.85971	50000
	110.0962	14.40	8253	0.16506	0.33012	50000
	68.8638	14.46	5162	0.10324	0.20649	50000
	36.8459	14.74	2762	0.05524	0.11048	50000
	339.4121	14.84	25443	0.50886	1.01773	50000
	65.7266	14.95	4927	0.09854	0.19708	50000
	6.9517	15.31	521	0.01042	0.02084	50000
	220.7434	15.38	16547	0.33095	0.66190	50000
	156.7970	15.64	11754	0.23508	0.47016	50000
	507.7746	15.73	38064	0.76128	1.52256	50000
	130.2771	15.81	9766	0.19532	0.39064	50000
	171.6673	15.85	12869	0.25737	0.51474	50000
	998.8564	16.00	74877	1.49754	2.99507	50000
	93.6220	16.20	7018	0.14036	0.28073	50000
	22.6709	16.32	1699	0.03399	0.06798	50000
	174.4973	16.43	13081	0.26162	0.52323	50000
	1552.4091	16.55	116372	2.32745	4.65490	50000
	313.6554	16.64	23512	0.47025	0.94050	50000
	675.5412	16.80	50640	1.01281	2.02561	50000
	34.9626	16.99	2621	0.05242	0.10484	50000
	1730.4809	17.10	129721	2.59442	5.18885	50000
	64.2542	17.25	4817	0.09633	0.19267	50000
AROCLOR-1260-1	219.1865	17.32	68839	0.32862	0.65723	209482
	522.0813	17.41	39137	0.78273	1.56546	50000
	188.5465	17.58	14134	0.28268	0.56536	50000
	82.9260	17.66	6216	0.12433	0.24865	50000
AROCLOR-1260-2	227.6610	17.80	78809	0.34132	0.68264	230895
	486.5368	17.88	36472	0.72944	1.45888	50000
	297.4544	17.97	22298	0.44596	0.89192	50000
	9.9734	18.06	748	0.01495	0.02991	50000
	74.6693	18.14	5597	0.11195	0.22390	50000
	179.9229	18.27	13487	0.26975	0.53950	50000
AROCLOR-1260-3	224.4753	18.39	179497	0.33654	0.67309	533353
	135.1948	18.48	10135	0.20269	0.40538	50000
	50.4111	18.54	3779	0.07558	0.15116	50000
AROCLOR-1260-4	223.6351	18.94	93497	0.33528	0.67057	278859
	497.6732	19.00	37307	0.74614	1.49227	50000
	661.8574	19.08	49614	0.99229	1.98458	50000
	20.0663	19.45	1504	0.03008	0.06017	50000
	34.9096	19.57	2617	0.05234	0.10468	50000
	284.6996	19.64	21342	0.42684	0.85367	50000
AROCLOR-1260-5	217.9247	20.12	47055	0.32672	0.65345	144021
	41.1922	20.23	3088	0.06176	0.12351	50000
	140.2289	20.67	10512	0.21024	0.42048	50000
DCB	14.7542	21.03	114981	0.02212	0.04424	5197985
				26.99011	53.98022	15371264

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2a00209.TX0

NF807-0316 P256

Chromatogram

Sample Name : LFB-25569 Sample #: LFB-3-24
FileName : S:\GC\HP6890-2\2008\03-2008\2a00209.raw
Date : 4/3/2008 4:50:36 PM
Method : pest Time of Injection: 3/25/2008 5:00:03 PM
Start Time : 9.00 min End Time : 23.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



Software Version	: 6.3.1.0504	Date	: 4/3/2008 4:50:38 PM
Reprocess Number	: I-21865: 87824		
Operator	: manager		
Sample Number	: LFB-3-24	Sample Name	: LFB-25569
AutoSampler	: NONE	Study	: lfb","aspb5-8082_s
Instrument Name	: 6890-2	Rack/Vial	: 0/0
Interface Serial #	: 9144290001	Channel	: B
Delay Time	: 0.00 min	A/D mV Range	: 1000
Sampling Rate	: 4.1660 pts/s	End Time	: 24.00 min
Sample Volume	: 0.500000 ul		
Sample Amount	: 1.0000	Area Reject	: 5.000000
Data Acquisition Time	: 3/25/2008 5:00:03 PM	Dilution Factor	: 1.00
		Cycle	: 3

Raw Data File : S:\GC\HP6890-2\2008\03-2008\2b00209.raw
Result File : S:\GC\HP6890-2\2008\03-2008\2b00209.rst
Inst Method : c:\data\6890-2\pest from S:\GC\HP6890-2\2008\03-2008\2b00209.raw
Proc Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00209.rst
Calib Method : s:\gc\hp6890-2\2008\03-2008\606b0314r.mth from S:\GC\HP6890-2\2008\03-2008\2b00209.rst
Report Format File: s:\gc\hp6890-2\mth\rtxclp2.rpt
Sequence File : S:\GC\HP6890-2\2008\03-2008\03-2008.seq

Noise Threshold	: 25	Area Threshold	: 500
Bunch Factor	: 1	Multiplier	: 667.0000
Divisor	: 1.0000	Addend	: 0.0000

User1	: HP6890-2
User2	: Rtx-CLP2
User3	: 0.32
User4	:
User5	:
User6	:
User7	:
User8	:
User9	:
User10	:
Total number of peaks detected	: 87

Instrument Conditions

6890-2
COLUMN: RTX-CLP2 0.32mm

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
TCX	18.1449	9.32	194962	0.02720	0.05441	7166746
	14.5492	9.61	1091	0.02181	0.04363	50000
	41.8990	9.67	3141	0.06282	0.12563	50000
	7.9360	10.01	595	0.01190	0.02380	50000
	98.3713	10.11	7374	0.14748	0.29497	50000
	29.3753	10.30	2202	0.04404	0.08808	50000
	107.3632	10.46	8048	0.16096	0.32193	50000
AROCLOR-1016-1	3.8404	10.61	41265	0.00576	0.01152	7166746
	8.6313	10.79	647	0.01294	0.02588	50000
	73.1898	11.13	5486	0.10973	0.21946	50000
	756.6071	11.55	56717	1.13434	2.26869	50000
	373.9880	11.58	28035	0.56070	1.12140	50000
	67.9103	11.69	5091	0.10181	0.20363	50000
	38.6882	11.77	2900	0.05800	0.11601	50000
	89.5985	11.81	6717	0.13433	0.26866	50000
	335.1771	12.02	25126	0.50251	1.00503	50000
	456.9671	12.10	34255	0.68511	1.37022	50000
	202.6279	12.34	15190	0.30379	0.60758	50000
	132.7389	12.39	9950	0.19901	0.39802	50000
AROCLOR-1016-2	6.9010	12.53	74149	0.01035	0.02069	7166746
AROCLOR-1016-3	10.4907	12.57	112720	0.01573	0.03146	7166746
	968.1363	12.86	72574	1.45148	2.90296	50000
	42.0264	12.94	3150	0.06301	0.12602	50000

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4/3/2008 4:50:38 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00209.rst

Peak Name	Concentration	Peak Retention Time [min]	Peak Area [µV·s]	Raw Amt. (ng)	Extr.Conc. (ng/uL)	Area/Amount CAL.FACTOR
	603.3172	13.07	45226	0.90452	1.80905	50000
	193.1088	13.13	14476	0.28952	0.57904	50000
	507.4429	13.28	38039	0.76078	1.52157	50000
AROCLOR-1016-4	3.8293	13.37	41145	0.00574	0.01148	7166746
	420.6937	13.45	31536	0.63073	1.26145	50000
AROCLOR-1016-5	5.7103	13.84	61356	0.00856	0.01712	7166746
	299.0962	13.92	22421	0.44842	0.89684	50000
	119.9642	13.96	8993	0.17986	0.35971	50000
	695.1975	14.09	52114	1.04228	2.08455	50000
	196.0916	14.13	14700	0.29399	0.58798	50000
	29.0423	14.25	2177	0.04354	0.08708	50000
	185.2526	14.39	13887	0.27774	0.55548	50000
	103.4438	14.48	7754	0.15509	0.31018	50000
	152.6333	14.61	11442	0.22884	0.45767	50000
	517.2064	14.69	38771	0.77542	1.55084	50000
	19.6449	14.84	1473	0.02945	0.05891	50000
	55.7710	14.95	4181	0.08361	0.16723	50000
	457.6932	15.07	34310	0.68620	1.37239	50000
	95.6920	15.16	7173	0.14347	0.28693	50000
	42.4003	15.24	3178	0.06357	0.12714	50000
	9.9918	15.64	749	0.01498	0.02996	50000
	73.0534	15.75	5476	0.10953	0.21905	50000
	259.9573	15.91	19487	0.38974	0.77948	50000
	223.8537	15.98	16781	0.33561	0.67123	50000
	755.1921	16.05	56611	1.13222	2.26444	50000
	177.6279	16.15	13315	0.26631	0.53262	50000
	244.0376	16.18	18294	0.36587	0.73175	50000
	1512.1177	16.36	113352	2.26704	4.53409	50000
	69.0473	16.43	5176	0.10352	0.20704	50000
	25.5724	16.51	1917	0.03834	0.07668	50000
	321.9630	16.65	24135	0.48270	0.96541	50000
	1834.9003	16.77	137549	2.75097	5.50195	50000
	424.6063	17.05	31830	0.63659	1.27318	50000
	1324.1118	17.09	99259	1.98518	3.97035	50000
	17.4712	17.20	1310	0.02619	0.05239	50000
	173.7470	17.27	13025	0.26049	0.52098	50000
	48.8057	17.34	3659	0.07317	0.14634	50000
	816.7863	17.42	61228	1.22457	2.44913	50000
	1636.9158	17.46	122707	2.45415	4.90829	50000
	68.3588	17.56	5124	0.10249	0.20497	50000
AROCLOR-1260-1	9.2912	17.64	99831	0.01393	0.02786	7166746
	718.0211	17.74	53825	1.07649	2.15299	50000
	302.2786	17.96	22660	0.45319	0.90638	50000
	104.6654	18.15	7846	0.15692	0.31384	50000
AROCLOR-1260-2	10.3526	18.20	111236	0.01552	0.03104	7166746
	711.9346	18.34	53368	1.06737	2.13474	50000
	59.6719	18.39	4473	0.08946	0.17893	50000
	472.4837	18.45	35419	0.70837	1.41674	50000
	313.6019	18.55	23508	0.47017	0.94034	50000
AROCLOR-1260-3	24.4396	18.68	262597	0.03664	0.07328	7166746
	71.9173	18.82	5391	0.10782	0.21564	50000
	110.9386	18.92	8316	0.16632	0.33265	50000
	51.0320	19.26	3825	0.07651	0.15302	50000
AROCLOR-1260-4	16.2887	19.39	175018	0.02442	0.04884	7166746
	481.9999	19.46	36132	0.72264	1.44528	50000
	383.6437	19.50	28759	0.57518	1.15036	50000
	45.8010	19.85	3433	0.06867	0.13733	50000
	26.6444	19.94	1997	0.03995	0.07989	50000
	19.8331	20.13	1487	0.02973	0.05947	50000
	357.2710	20.18	26782	0.53564	1.07128	50000
AROCLOR-1260-5	5.6821	20.49	61052	0.00852	0.01704	7166746
	47.5874	20.55	3567	0.07135	0.14269	50000
	173.7163	21.11	13022	0.26044	0.52089	50000
DCB	12.4188	21.60	133437	0.01862	0.03724	7166746
				34.68969	69.37937	89750954

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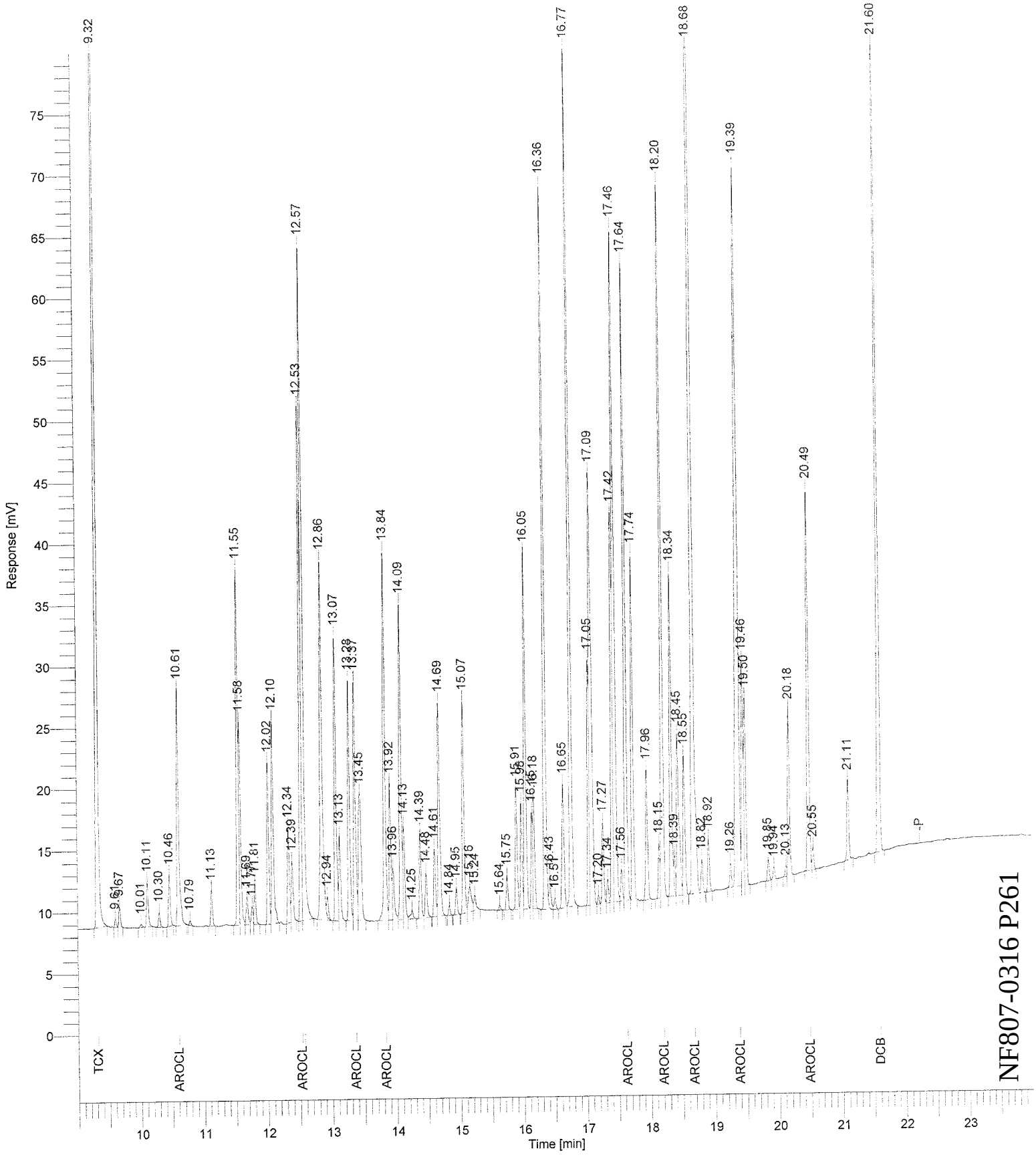
4/3/2008 4:50:38 PM Result: S:\GC\HP6890-2\2008\03-2008\2b00209.rst

Report stored in ASCII file: S:\GC\HP6890-2\2008\03-2008\2b00209.TX0

NF807-0316 P260

Chromatogram

Sample Name : LFB-25569 Sample #: LFB-3-24
FileName : S:\GC\HP6890-2\2008\03-2008\2b00209.raw
Date : 4/3/2008 4:50:41 PM
Method : pest Time of Injection: 3/25/2008 5:00:03 PM
Start Time : 9.00 min End Time : 24.00 min Low Point : 0.00 mV High Point : 80.00 mV
Plot Offset: 0.00 mV Plot Scale: 80.0 mV



NF807-0316 P261

Semi-Volatile Calculations

$$\text{Conc.} = \frac{A}{RF} \times \frac{1}{V_i} \times \frac{V}{W} \times 2^* \times DF$$

Where:

Conc.	= Concentration in sample in µg/L or µg/kg
A	= Peak Area
RF	= Calibration factor, as area per ng
V_i	= Volume injected in µl
V	= Extract volume (after GPC) in µl
W	= Volume of sample in ml or dry weight in g
DF	= Dilution Factor
*	= Factor for aliquot, if GPC was employed

V. DOCUMENTATION FOR PESTICIDES/PCBs

A. PREPARATION LOG BOOK PAGES
B. INSTRUMENT RUN LOG PAGES
C. DILUTION LOG (IF NEEDED)
D. REPORTING ANALYST SIGNATURE PAGE

H2M LABS, INC.

PESTICIDE/PCB SAMPLE PREPARATION

3/24/08

EXTRACTION DATE: 3/24/08 SDG#: NF807 0316 (1) ECT 3/24/08 DELIV. CODE: 305-70 TEST CODE: ~~STOLP~~ (2) ASP05-8082-S

MATRIX: WATER X (1) ECT 3/24/08 SOIL ✓ SLUDGE _____ OTHER (SPECIFY)_____

EXTR. METHOD: SEPF _____ CONT _____ TUMB _____ SONC _____ SOXH _____ PFEX ✓ BLEND _____ DIL _____ SOLID PHASE _____

SAMPLES

	Lab Id #	Customer#	Intl Vol/Wt	pH	GPC COL#
1	0803780-001A	DEC-00001	15g	7	
2	-002A	2		6	
3	-003A	3		6	
4	-004A	4		5	
5	-005A	5		6	
6	-006A	6	↓	6	
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Comments/ Sample Description

pH Calibration:

READING OF 4.0 BUFFER (3.9-4.1)_____

READING OF 10.0 BUFFER (9.9-10.1)_____

BLANKS	Vol/Wt	GPC COL	Spike Sol#	Lot	Vol uL	Verif. By
B1-25589	15g					
B2-						
B3-						
SPIKED SAMPLES						
MS						
MSD						
MS						
MSD						
SPIKED BLANKS						
MSB-						
MSBD-						
LFB1-25589	15g		QC8082		250	
LFB2-						
1)	SURR SOL.		55953		1000	
2)	SURR SOL.					

a) Run MSB for AC, AS 8270/PP8080 with MS sol.
b) Run LFB for all codes with QC sol except AC
c) Spike samples for AC and any 8270/PP8080 w/ MS sol., all others with QC sol

		Date	Time	Final Vol	Analyst	Comments
EXTR. OR DIL.	Start	3/24/08			ECT	
	End	"		~60ml 5ml	"	
CONC. 1		"				(1) KD S-EVAP TURB
CONC. 2						KD N-EVAP TURB

		Date	Intl Vol.	Final Vol.	Analyst	Comments
CLEAN	GPC					
	H2SO4	3/25/08	~1.0ml	~1.0ml	ECT	
	SULFUR	3/25/08	1.0ml	~1.0ml	ECT	
	FLORISIL					
	OTHER					

REAGENTS

	Lot #		Lot #		Prep Date
CH2Cl2	48004	FLORISIL			
HEXANE	44357	Na2SO4			
ACETONE		NaCl			

Supervisor Signature: _____ Date: 3/24/08

******* RUN LOG *******

H2M LABS, INC. INSTRUMENT: HP6890-2 COLUMN: Rtx-CLP

Sample Name	Sample Number	File Name	Date Of Injection	Time Of Injection
AR166001	1660LOW	2a00093.rst	3/13/2008	10:15:14 AM
AR166002	1660wm01	2a00094.rst	3/13/2008	10:43:47 AM
AR166003	1660wm02	2a00095.rst	3/13/2008	11:12:23 AM
AR166004	1660wm03	2a00096.rst	3/13/2008	11:41:04 AM
AR166005	1660wm04	2a00097.rst	3/13/2008	12:09:41 PM
AR166006	1660wm05	2a00098.rst	3/13/2008	12:38:13 PM
AR122101	1221wm03	2a00100.rst	3/13/2008	1:35:45 PM
AR123201	1232wm03	2a00101.rst	3/13/2008	2:04:21 PM
AR124201	1242wm03	2a00102.rst	3/13/2008	2:33:01 PM
AR124801	1248wm03	2a00103.rst	3/13/2008	3:01:37 PM
AR125401	1254wm03	2a00104.rst	3/13/2008	3:30:12 PM
PIBLK 01	PIBLK 01	2a00105.rst	3/13/2008	3:58:56 PM
AR166007	1660wm03	2a00106.rst	3/13/2008	4:27:30 PM
PIBLK 15	PIBLK 15	2a00206.rst	3/25/2008	3:34:15 PM
AR1660021	1660wm03	2a00207.rst	3/25/2008	4:02:56 PM
MB-25569	B-3-24	2a00208.rst	3/25/2008	4:31:28 PM
LFB-25569	LFB-3-24	2a00209.rst	3/25/2008	5:00:03 PM
0803780-001A	000001	2a00210.rst	3/25/2008	5:28:41 PM
0803780-002A	000002	2a00211.rst	3/25/2008	5:57:15 PM
0803780-003A	000003	2a00212.rst	3/25/2008	6:25:46 PM
0803780-004A	000004	2a00214.rst	3/25/2008	7:22:59 PM
0803780-005A	000005	2a00216.rst	3/25/2008	8:20:10 PM
0803780-006A	000006	2a00218.rst	3/25/2008	9:17:14 PM
PIBLK 16	PIBLK 16	2a00224.rst	3/26/2008	12:08:44 AM
AR1660022	1660wm03	2a00225.rst	3/26/2008	12:37:24 AM
0803780-001A	000001 DL	2a00228.rst	3/26/2008	2:28:56 PM
0803780-002A	000002 DL	2a00229.rst	3/26/2008	2:57:37 PM
0803780-003A	000003 DL	2a00231.rst	3/26/2008	3:54:47 PM
0803780-004A	000004 DL	2a00233.rst	3/26/2008	4:52:02 PM
0803780-005A	000005 DL	2a00235.rst	3/26/2008	5:49:18 PM
0803780-006A	000006 DL	2a00236.rst	3/26/2008	6:17:51 PM
AR124202	1242wm03	2a00241.rst	3/27/2008	9:43:18 AM
AR125402	1254wm03	2a00242.rst	3/27/2008	10:11:59 AM
PIBLK19	PIBLK19	2a00239.rst	3/27/2008	8:46:12 AM

SUBMITTED BY: Irma Okulin 04/08/08

NF807-0316 P265

******* RUN LOG *******

H2M LABS, INC. INSTRUMENT: HP6890-2 COLUMN: Rtx-CLP2

Sample Name	Sample Number	File Name	Date Of Injection	Time Of Injection
AR166001	1660LOW	2b00093.rst	3/13/2008	10:15:14 AM
AR166002	1660wm01	2b00094.rst	3/13/2008	10:43:47 AM
AR166003	1660wm02	2b00095.rst	3/13/2008	11:12:23 AM
AR166004	1660wm03	2b00096.rst	3/13/2008	11:41:04 AM
AR166005	1660wm04	2b00097.rst	3/13/2008	12:09:41 PM
AR166006	1660wm05	2b00098.rst	3/13/2008	12:38:13 PM
AR122101	1221wm03	2b00100.rst	3/13/2008	1:35:45 PM
AR123201	1232wm03	2b00101.rst	3/13/2008	2:04:21 PM
AR124201	1242wm03	2b00102.rst	3/13/2008	2:33:01 PM
AR124801	1248wm03	2b00103.rst	3/13/2008	3:01:37 PM
AR125401	1254wm03	2b00104.rst	3/13/2008	3:30:12 PM
PIBLK 01	PIBLK 01	2b00105.rst	3/13/2008	3:58:56 PM
AR166007	1660wm03	2b00106.rst	3/13/2008	4:27:30 PM
PIBLK 15	PIBLK 15	2b00206.rst	3/25/2008	3:34:15 PM
AR1660021	1660wm03	2b00207.rst	3/25/2008	4:02:56 PM
MB-25569	B-3-24	2b00208.rst	3/25/2008	4:31:28 PM
LFB-25569	LFB-3-24	2b00209.rst	3/25/2008	5:00:03 PM
0803780-001A	000001	2b00210.rst	3/25/2008	5:28:41 PM
0803780-002A	000002	2b00211.rst	3/25/2008	5:57:15 PM
0803780-003A	000003	2b00212.rst	3/25/2008	6:25:46 PM
0803780-004A	000004	2b00214.rst	3/25/2008	7:22:59 PM
0803780-005A	000005	2b00216.rst	3/25/2008	8:20:10 PM
0803780-006A	000006	2b00218.rst	3/25/2008	9:17:14 PM
PIBLK 16	PIBLK 16	2b00224.rst	3/26/2008	12:08:44 AM
AR1660022	1660wm03	2b00225.rst	3/26/2008	12:37:24 AM
0803780-001A	000001 DL	2b00228.rst	3/26/2008	2:28:56 PM
0803780-002A	000002 DL	2b00229.rst	3/26/2008	2:57:37 PM
0803780-003A	000003 DL	2b00231.rst	3/26/2008	3:54:47 PM
0803780-004A	000004 DL	2b00233.rst	3/26/2008	4:52:02 PM
0803780-005A	000005 DL	2b00235.rst	3/26/2008	5:49:18 PM
0803780-006A	000006 DL	2b00236.rst	3/26/2008	6:17:51 PM
PIBLK19	PIBLK19	2b00239.rst	3/27/2008	8:46:12 AM
AR124202	1242wm03	2b00241.rst	3/27/2008	9:43:18 AM
AR125402	1254wm03	2b00242.rst	3/27/2008	10:11:59 AM

SUBMITTED BY: Anna White 04/08/08

NF807-0316 P266

H2M LABS, INC.

SDG#: NF807-0316

SCAN: ASPB5_8082-S

This data package was reported by the undersigned. This reporting includes data calculations, manual edits if necessary, and compilation of raw data. The information is true and correct to the best of my knowledge.

Signature: Anna Ulula

Date: 04/04/08

NF807-0316 P267

H2M LABS, INC.

H2M LABS, INC.
SDG NARRATIVE FOR PCB ANALYSES
SAMPLES RECEIVED: 8/17/09
CONTRACT NO.: C006493
CASE #: RS709
SDG #.: RS709-0809

For Samples:

FORTINO #1	FORTINO #4
FORTINO #2	FORTINO #5
FORTINO #3	FORTINO #6

The above soil samples was/were analyzed for PCBs by EPA method 8082 in accordance with the NYSDEC ASP, Rev. 7/2005 with category B deliverables.

All QC data and calibrations met the requirements of the method, unless discussed below. The following should be noted:

Sample FORTINO #6 was used as matrix spike/ matrix spike duplicate (MS/MSD) sample. The recovery data could not be evaluated due to the high concentrations of AR1260 and the presence of AR1242. This aroclor has a very similar pattern as the AR1016 spike that was added for MS/MSD spiking and therefore constitutes an interference for the determination of the spike recovery.

On form 1 of the MS and MSD, the sum of the two aroclors is reported as AR1016, and the result of AR1242 is flagged with the qualifier "Y" to indicate the concentration is included in the AR1016 result.

A lab-fortified blank (LFB) was analyzed. The recoveries indicate good method efficiency.

Surrogate recovery for DCB in all samples is biased high due to unresolved matrix interference.

All samples had to be reanalyzed at dilutions to keep the concentration of the PCBs within the calibration range. Both sets of data are reported. No surrogate recoveries are reportable for the dilutions, since the surrogates are diluted out.

The responses for the aroclors and the surrogate DCB in the continuous calibration checks (CCV) analyzed after the high undiluted samples were high with %D above the Q. C. limits of 25%. These deviations did not affect the data, because the results are taken from the dilutions, which were analyzed with compliant calibration checks. (Note, that deviations of the surrogate responses in the CCVs for AR1242 and AR1254 should be disregarded, because the response factors used for quantification of the surrogates are taken from the surrogates in the AR1660 mix.)

H2M LABS, INC.

H2M LABS, INC.
SDG NARRATIVE FOR PCB ANALYSES
SAMPLES RECEIVED: 8/17/09
CONTRACT NO.: C006493
CASE #: RS709
SDG #.: RS709-0809

In some of the undiluted samples, the peaks of the aroclors were saturated and could not be quantified. Default values (highest calibration level) are reported. This applies to AR1254 in samples FORTINO #4 and #5 and AR1242 and AR1254 in FORTINO #6.

In the presence of the high positive aroclors, low levels of some other aroclors would be masked in the undiluted run due to the overlap of patterns. These other aroclors are flagged with the qualifier X. The reporting limits of the dilution analyses should be used for these other aroclors.

Due to overlap of patterns, some interference exists for the quantification congeners of AR1260 by the higher AR1254. Some AR1254 is included in the value reported for AR1260. The result for AR1260 is therefore flagged with the qualifier "Z".

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data Package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Date Signed: September 2, 2009

****
* *
* *
****
Ursula Middel
Technical Manager

H2M LABS, INC.

H2M LABS, INC.
SDG NARRATIVE FOR METALS ANALYSES
SAMPLE(S) RECEIVED: 8/17/09
CONTRACT NO.: C006493
CASE #: RS709
SDG #: RS709-0809

For Sample(s):

FORTINO # 1
FORTINO # 2
FORTINO # 3
FORTINO # 4
FORTINO # 5
FORTINO # 6

Sample(s) was/were received by H2M Labs Inc. for TCLP metals analysis.

Samples were prepared using EPA method 1311 and analyzed using EPA method 6010B with a TS ICAP 6000 instrument and method 7470A with a Leeman HYDRA mercury analyzer.

Sample FORTINO # 6 was utilized for QC analysis and reporting.

Spike analysis did not recover within acceptance ranges for barium. The sample was post spiked, reanalyzed and recovered at 100%. Barium data was reported flagged "N" on forms 1 and 5a.

No other issues were noted during the analysis of this sample group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data Package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Date Signed: September 2, 2009

Vincent Stancampiano
Vice President

3. SAMPLE RESULTS

3.1 PCBs

3.2 TCLP METALS

QUALIFIERS FOR REPORTING ORGANICS DATA

Value - If the result is a value greater than or equal to the quantification limit, report the value.

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10U for phenol in water if the sample final volume is the protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must also be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor, the sample quantitation limit for phenol (330 U) would be corrected to:

$$\frac{(300\ U)}{D} \times df \text{ where } D = \frac{100\% moisture}{100}$$

and df - dilution factor

For example, at 24% moisture, $D = \frac{100-24}{100} = 0.76$

$$\frac{(300\ U)}{.76} \times 10 = 4300\ U$$ rounded to the appropriate number of significant figures

For semivolatile soil samples, the extract must be concentrated to 0.5 mL, and the sensitivity of the analysis is not compromised by the cleanup procedures. Similarly, pesticide samples subjected to GPC are concentrated to 5.0 mL. Therefore, the CRQL values in Exhibit C will apply to all samples, regardless of cleanup. However, if a sample extract cannot be concentrated to the protocol-specified volume (see Exhibit C), this fact must be accounted for in reporting the sample quantitation limit.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified quantification limit but greater than zero. (e.g.: If limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, report as 3J.) The sample quantitation limit must be adjusted for dilution as discussed for the U flag.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported of Form I with a "P".

C - This flag applies to pesticide results when the identification has been confirmed by GC/MS.. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag, instead use a Laboratory defined flag, discussed below.

B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified target compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified target compound.

E - This flag identified compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in Exhibit D, the sample or extract must be diluted and re-analyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration ranges in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number. NOTE: For total xylenes, where three isomers are quantified as two peaks, the calibration range of each peak should be considered separately, e.g. a diluted analysis is not required for total xylenes unless the concentration of the peak representing the single isomer exceed 200 ug/L or the peak representing the two coeluting isomers on that GC column exceed 400 ug/L. Similarly, if the two 1,2-Dichloroethene isomers coelute, a diluted analysis is not required unless the concentration exceed 400 ug/L.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag. This flag alerts data users that any discrepancies between the concentrations reported may be due to dilution of the sample or extract.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - This flag indicates suspected column bleed.

Y - This flag denotes concentration of tentatively identified compounds (TICs) to be biased low due to matrix interference with internal standard.

Z - Other specific flags may be required to properly define the results. If used, they must be fully described and such description attached to the Sample Data Summary Package and the SDG narrative. Begin by using "X". If more than one flag is required use "Y" and "Z" as needed. If more than five qualifiers are required for a sample result, used the "X" flag to combine several flags as needed. For instance, the "X" flag might combine "A", "B", and "D" flags for some samples. The laboratory defined flags limited to the letters "X", "Y" and "Z".

The combination of flags "BU" or "UB" is expressly prohibited. Blank contaminants are flagged "B" only when they are detected in the sample.

H2M LABS, lNC.

QUALIFIERS FOR METALS ANALYSIS

Q (Quality Control) Qualifiers

E - The reported value is estimated because of the presence of interference. An explanatory note is included in the SDG narrative.

M - Duplicate injection precision not met.

N - Matrix spike sample recovery not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

+ - Correlation coefficient for the MSA is less than 0.995

W - Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.

* - Duplicate analysis is not within control limits.

C (Concentration) Qualifiers

B - Entered if the reported value is less than the Contract Required Detection Limit (CRDL) but greater than the Instrument Detection Limit (IDL).

U - Entered if the analyte was analyzed for but not detected, i.e., less than the IDL.

M (Method) Qualifiers

P - Analyzed by ICP.
MS - Analyzed by ICP-MS
A - Analyzed by Flame AA.
F - Analyzed by Furnace AA.
CV - Analyzed by Manual Cold Vapor techniques.
AV - Analyzed by Automated Cold Vapor techniques.
C - Analyzed by Manual Spectrophotometric Method.
CA- Analyzed by Midi-distillation Spectrophotometric Method.
NR - Analyte not Required.

3.1 PCBs

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #1

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-001A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00636.raw

% Moisture: 24.8 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/09

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	44	UX
11104-28-2	Aroclor 1221	89	UX
11141-16-5	Aroclor 1232	44	UX
53469-21-9	Aroclor 1242	12000	E
12672-29-6	Aroclor 1248	44	UX
11097-69-1	Aroclor 1254	14000	EP
11096-82-5	Aroclor 1260	4500	EPZ

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #1DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-001ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00666.raw

% Moisture: 24.8 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/27/09

Injection Volume: 0.5 (uL) Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	4400	UX
11104-28-2	Aroclor 1221	8900	UX
11141-16-5	Aroclor 1232	4400	UX
53469-21-9	Aroclor 1242	14000	D
12672-29-6	Aroclor 1248	4400	UX
11097-69-1	Aroclor 1254	30000	D
11096-82-5	Aroclor 1260	6500	DZ

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #2

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-002A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00637.raw

% Moisture: 23.6 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/09

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	43	UX
11104-28-2	Aroclor 1221	88	UX
11141-16-5	Aroclor 1232	43	UX
53469-21-9	Aroclor 1242	7200	EP
12672-29-6	Aroclor 1248	43	UX
11097-69-1	Aroclor 1254	9200	EP
11096-82-5	Aroclor 1260	2500	EPZ

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #2DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-002ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00667.raw

% Moisture: 23.6 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/27/09

Injection Volume: 0.5 (uL) Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	4300	UX
11104-28-2	Aroclor 1221	8800	UX
11141-16-5	Aroclor 1232	4300	UX
53469-21-9	Aroclor 1242	8800	D
12672-29-6	Aroclor 1248	4300	UX
11097-69-1	Aroclor 1254	18000	D
11096-82-5	Aroclor 1260	3600	DJZ

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #3

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-003A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00638.raw

% Moisture: 22.8 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/09

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	43	UX
11104-28-2	Aroclor 1221	87	UX
11141-16-5	Aroclor 1232	43	UX
53469-21-9	Aroclor 1242	8500	E
12672-29-6	Aroclor 1248	43	UX
11097-69-1	Aroclor 1254	12000	EP
11096-82-5	Aroclor 1260	3900	EZ

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #3DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-003ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00668.raw

% Moisture: 22.8 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/27/09

Injection Volume: 0.5 (uL) Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	4300	UX
11104-28-2	Aroclor 1221	8700	UX
11141-16-5	Aroclor 1232	4300	UX
53469-21-9	Aroclor 1242	16000	D
12672-29-6	Aroclor 1248	4300	UX
11097-69-1	Aroclor 1254	28000	D
11096-82-5	Aroclor 1260	5800	DZ

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #4

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-004A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00639.raw

% Moisture: 21.8 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/09

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	42	UX
11104-28-2	Aroclor 1221	86	UX
11141-16-5	Aroclor 1232	42	UX
53469-21-9	Aroclor 1242	10000	E
12672-29-6	Aroclor 1248	42	UX
11097-69-1	Aroclor 1254	690	E
11096-82-5	Aroclor 1260	5300	EZ

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #4DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-004ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00669.raw

% Moisture: 21.8 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/27/09

Injection Volume: 0.5 (uL) Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	4200	UX
11104-28-2	Aroclor 1221	8600	UX
11141-16-5	Aroclor 1232	4200	UX
53469-21-9	Aroclor 1242	18000	D
12672-29-6	Aroclor 1248	4200	UX
11097-69-1	Aroclor 1254	33000	D
11096-82-5	Aroclor 1260	6900	DZ

1E

EPA SAMPLE NO.

FORTINO #5

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-005A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00640.raw

% Moisture: 20.2 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/09

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	41	UX
11104-28-2	Aroclor 1221	84	UX
11141-16-5	Aroclor 1232	41	UX
53469-21-9	Aroclor 1242	10000	E
12672-29-6	Aroclor 1248	41	UX
11097-69-1	Aroclor 1254	670	EP
11096-82-5	Aroclor 1260	5500	EZ

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #5DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-005ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00670.raw

% Moisture: 20.2 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/27/09

Injection Volume: 0.5 (uL) Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	4100	UX
11104-28-2	Aroclor 1221	8400	UX
11141-16-5	Aroclor 1232	4100	UX
53469-21-9	Aroclor 1242	19000	D
12672-29-6	Aroclor 1248	4100	UX
11097-69-1	Aroclor 1254	30000	D
11096-82-5	Aroclor 1260	6700	DZ

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #6

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-006A

Sample wt/vol: 15 (g/mL) G Lab File ID: a00641.raw

% Moisture: 21.9 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/25/09

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	42	UX
11104-28-2	Aroclor 1221	86	UX
11141-16-5	Aroclor 1232	42	UX
53469-21-9	Aroclor 1242	690	EP
12672-29-6	Aroclor 1248	42	UX
11097-69-1	Aroclor 1254	690	E
11096-82-5	Aroclor 1260	10000	EPZ

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FORTINO #6DL

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: RS709 SAS No.: _____ SDG No.: RS709-0809

Matrix: (soil/water) SOIL Lab Sample ID: 0909153-006ADL

Sample wt/vol: 15 (g/mL) G Lab File ID: a00671.raw

% Moisture: 21.9 Decanted: (Y/N) N Date Received: 08/17/09

Extraction: (Type) PFEX Date Extracted: 08/20/09

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/27/09

Injection Volume: 0.5 (uL) Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	4200	UX
11104-28-2	Aroclor 1221	8600	UX
11141-16-5	Aroclor 1232	4200	UX
53469-21-9	Aroclor 1242	34000	D
12672-29-6	Aroclor 1248	4200	UX
11097-69-1	Aroclor 1254	50000	D
11096-82-5	Aroclor 1260	13000	DZ

H2M LABS, INC.
SDG NARRATIVE FOR PCB ANALYSIS
SAMPLE(S) RECEIVED: 7/11/11
CONTRACT NO.: C006493
CASE #: MM711
SDG #: MM711-0611

For Sample(s):

MM711-0611-001	MM711-0611-004
MM711-0611-002	MM711-0611-005
MM711-0611-003	MM711-0611-006

The above soil sample(s) was/were analyzed for PCBs by EPA method 8082 in accordance with the NYSDEC ASP, Rev. 2005.

All QC data and calibrations met the requirements of the protocol, unless discussed below. The following should be noted:

All sample extracts were cleaned up with sulfuric acid and sulfur removal with TBA.

No matrix spike/matrix spike duplicate was submitted. A lab fortified blank was analyzed and indicates good method efficiency.

The samples were reanalyzed at dilutions due to high concentrations and matrix interference.

Due to the matrix of the samples, severe quenching was observed after the injections of the undiluted samples, which got progressively worse with more injections. (Note that sensitivity for the continuous calibration check (CCV AR166035)) just before the samples were injected, was actually too high, with %Ds slightly above 25%). After two sample injections, the surrogate compound TCX was no longer found, and no responses were obtained for the continuous calibration checks (CCV) injected after the samples. The original injections before dilution are consequently not acceptable. NO RESULTS (EVEN WITHOUT THE QUALIFIER "E") FROM THE UNDILUTED RUNS SHOULD BE USED. This is indicated with the qualifier "Y".

The high recoveries for the surrogate DCB are due to unresolved matrix interference. No surrogate recoveries are reportable for the dilutions, because the surrogates were diluted out.

All samples contained mixes of aroclor. It was determined that sample MM711-0611-001 contained an aroclor that was not targeted. The pattern resembled that of AR1268. No calibration was performed for AR1268 since it was not targeted, therefore it was quantified **as** AR1260. Note that the ratios of the congeners vary because of the differences of fingerprints of the two aroclors, but the average of the selected quantification peaks will give

H2M LABS, INC.
SDG NARRATIVE FOR PCB ANALYSIS
SAMPLE(S) RECEIVED: 7/11/11
CONTRACT NO.: C006493
CASE #: MM711
SDG #: MM711-0611

a reasonable quantification. The qualifier "Z" indicates that an unknown aroclor (probably AR1268) was present and was quantified as AR1260. The reported value is regarded estimated.

In samples with positive aroclors, low levels of some other aroclors could be masked due to the overlap of patterns. These other aroclors are flagged with the qualifier "X".

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 8, 2011

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* *
* *
****

Ursula Middel
Technical Manager

H2M LABS, INC.

SAMPLE DATA SUMMARY PACKAGE
TABLE OF CONTENTS

NYSDEC
SAMPLES RECEIVED: 7/11/11
CONTRACT NO.: C006493
CASE NO.: MM711
SDG NO.: MM711-0611

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1. NYS DEC SUMMARY FORMS

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

SDG: MM711-0611

Analytical Requirements

Customer Sample Code	Laboratory Sample Code	GCSEMI
MM711-0611-001	1107299-001	X
MM711-0611-002	1107299-002	X
MM711-0611-003	1107299-003	X
MM711-0611-004	1107299-004	X
MM711-0611-005	1107299-005	X
MM711-0611-006	1107299-006	X

CLP (Non-CLP (Please indicate year of protocol) NYS DEC
TCL/TAL, HSL, Priority Pollutant,

ASP B 2005
CG 8/9/11

MM711-0611 S3

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB/HERB
ANALYSES

SDG: MM711-0611

Laboratory Samp ID	Client Sample ID	Matrix	Analytical Protocol	Date Collected	DateRecd at Lab	Date Extracted	Date Analyzed	Extraction Method	DF	Level	Aux Cleanup
1107299-001A	MM711-0611-001	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	15-Jul-11	PFEX	1	LOW	SLFR H2SO4
1107299-001ADL	MM711-0611-001DL	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	21-Jul-11	PFEX	50	LOW	SLFR H2SO4
1107299-002A	MM711-0611-002	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	15-Jul-11	PFEX	1	LOW	SLFR H2SO4
1107299-002ADL	MM711-0611-002DL	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	21-Jul-11	PFEX	100	LOW	SLFR H2SO4
1107299-003A	MM711-0611-003	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	16-Jul-11	PFEX	1	LOW	SLFR H2SO4
1107299-003ADL	MM711-0611-003DL	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	21-Jul-11	PFEX	100	LOW	SLFR H2SO4
1107299-004A	MM711-0611-004	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	16-Jul-11	PFEX	1	LOW	SLFR H2SO4
1107299-004ADL	MM711-0611-004DL	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	21-Jul-11	PFEX	50	LOW	SLFR H2SO4
1107299-005A	MM711-0611-005	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	16-Jul-11	PFEX	1	LOW	SLFR H2SO4
1107299-005ADL	MM711-0611-005DL	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	21-Jul-11	PFEX	50	LOW	SLFR H2SO4
1107299-006A	MM711-0611-006	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	15-Jul-11	PFEX	1	LOW	SLFR H2SO4
1107299-006ADL	MM711-0611-006DL	Soil	SW8082	06-Jul-11	11-Jul-11	13-Jul-11	21-Jul-11	PFEX	100	LOW	SLFR H2SO4

2. SDG NARRATIVES

H2M LABS, INC.

H2M LABS, INC.
SDG NARRATIVE FOR PCB ANALYSIS
SAMPLE(S) RECEIVED: 7/11/11
CONTRACT NO.: C006493
CASE #: MM711
SDG #: MM711-0611

For Sample(s):

MM711-0611-001	MM711-0611-004
MM711-0611-002	MM711-0611-005
MM711-0611-003	MM711-0611-006

The above soil sample(s) was/were analyzed for PCBs by EPA method 8082 in accordance with the NYSDEC ASP, Rev. 2005.

All QC data and calibrations met the requirements of the protocol, unless discussed below. The following should be noted:

All sample extracts were cleaned up with sulfuric acid and sulfur removal with TBA.

No matrix spike/matrix spike duplicate was submitted. A lab fortified blank was analyzed and indicates good method efficiency.

The samples were reanalyzed at dilutions due to high concentrations and matrix interference.

Due to the matrix of the samples, severe quenching was observed after the injections of the undiluted samples, which got progressively worse with more injections. (Note that sensitivity for the continuous calibration check (CCV AR166035)) just before the samples were injected, was actually too high, with %Ds slightly above 25%). After two sample injections, the surrogate compound TCX was no longer found, and no responses were obtained for the continuous calibration checks (CCV) injected after the samples. The original injections before dilution are consequently not acceptable. NO RESULTS (EVEN WITHOUT THE QUALIFIER "E") FROM THE UNDILUTED RUNS SHOULD BE USED. This is indicated with the qualifier "Y".

The high recoveries for the surrogate DCB are due to unresolved matrix interference. No surrogate recoveries are reportable for the dilutions, because the surrogates were diluted out.

All samples contained mixes of aroclor. It was determined that sample MM711-0611-001 contained an aroclor that was not targeted. The pattern resembled that of AR1268. No calibration was performed for AR1268 since it was not targeted, therefore it was quantified as AR1260. Note that the ratios of the congeners vary because of the differences of fingerprints of the two aroclors, but the average of the selected quantification peaks will give

H2M LABS, INC.
SDG NARRATIVE FOR PCB ANALYSIS
SAMPLE(S) RECEIVED: 7/11/11
CONTRACT NO.: C006493
CASE #: MM711
SDG #: MM711-0611

a reasonable quantification. The qualifier "Z" indicates that an unknown aroclor (probably AR1268) was present and was quantified as AR1260. The reported value is regarded estimated.

In samples with positive aroclors, low levels of some other aroclors could be masked due to the overlap of patterns. These other aroclors are flagged with the qualifier "X".

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: August 8, 2011

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* *
****

Ursula Middel
Technical Manager

3. SAMPLE REPORTS

3.1 PCBs

3.1 PCBs

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-001

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-001A

Sample wt/vol: 15 (g/mL) g Lab File ID: a00112.raw

% Moisture: 28 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/15/11

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	46	U
11104-28-2	Aroclor 1221	93	U
11141-16-5	Aroclor 1232	46	U
53469-21-9	Aroclor 1242	12000	EP
12672-29-6	Aroclor 1248	46	U
11097-69-1	Aroclor 1254	9600	E
11096-82-5	Aroclor 1260	3300	EP

8/9/11

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-001DL

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-001ADL

Sample wt/vol: 15 (g/mL) ML Lab File ID: a00304.raw

% Moisture: 28 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/21/11

Injection Volume: 0.5 (uL) Dilution Factor: 50.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	2300	UX
11104-28-2	Aroclor 1221	4600	U
11141-16-5	Aroclor 1232	2300	UX
53469-21-9	Aroclor 1242	18000	D
12672-29-6	Aroclor 1248	2300	UX
11097-69-1	Aroclor 1254	14000	D
11096-82-5	Aroclor 1260	18000	DZ

50 ppm (4-6')

MM711-0611 S11

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-002

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-002A

Sample wt/vol: 15 (g/mL) g Lab File ID: a00113.raw

% Moisture: 23 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/15/11

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	43	U Y
11104-28-2	Aroclor 1221	87	U Y
11141-16-5	Aroclor 1232	43	U Y
53469-21-9	Aroclor 1242	700	E
12672-29-6	Aroclor 1248	43	U Y
11097-69-1	Aroclor 1254	700	E
11096-82-5	Aroclor 1260	11000	EP

8/9/11

MM711-0611 S12

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-002DL

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-002ADL

Sample wt/vol: 15 (g/mL) ML Lab File ID: a00301.raw

% Moisture: 23 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/21/11

Injection Volume: 0.5 (uL) Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	4300	UX
11104-28-2	Aroclor 1221	8700	U
11141-16-5	Aroclor 1232	4300	UX
53469-21-9	Aroclor 1242	39000	D
12672-29-6	Aroclor 1248	4300	UX
11097-69-1	Aroclor 1254	39000	D
11096-82-5	Aroclor 1260	11000	D

89 ppm (2-4')

MM711-0611 S13

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-003

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-003A

Sample wt/vol: 15 (g/mL) g Lab File ID: a00125.raw

% Moisture: 24 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/11

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	43	U
11104-28-2	Aroclor 1221	88	U
11141-16-5	Aroclor 1232	43	U
53469-21-9	Aroclor 1242	120	PY
12672-29-6	Aroclor 1248	43	U
11097-69-1	Aroclor 1254	1000	EP
11096-82-5	Aroclor 1260	700	E

8/9/11

MM711-0611 S14

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-003DL

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-003ADL

Sample wt/vol: 15 (g/mL) ML Lab File ID: a00297.raw

% Moisture: 24 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/21/11

Injection Volume: 0.5 (uL) Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	4300	UX
11104-28-2	Aroclor 1221	8800	U
11141-16-5	Aroclor 1232	4300	UX
53469-21-9	Aroclor 1242	50000	D
12672-29-6	Aroclor 1248	4300	UX
11097-69-1	Aroclor 1254	61000	D
11096-82-5	Aroclor 1260	14000	DP

111 ppm (0-2')

MM711-0611 S15

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-004

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-004A

Sample wt/vol: 15 (g/mL) g Lab File ID: a00124.raw

% Moisture: 21 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/11

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	42	U
11104-28-2	Aroclor 1221	85	U
11141-16-5	Aroclor 1232	42	U
53469-21-9	Aroclor 1242	370	PY
12672-29-6	Aroclor 1248	42	U
11097-69-1	Aroclor 1254	180	PY
11096-82-5	Aroclor 1260	950	E

8/9/11

MM711-0611 S16

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-004DL

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-004ADL

Sample wt/vol: 15 (g/mL) ML Lab File ID: a00294.raw

% Moisture: 21 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/21/11

Injection Volume: 0.5 (uL) Dilution Factor: 50.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	2100	UX
11104-28-2	Aroclor 1221	4200	U
11141-16-5	Aroclor 1232	2100	UX
53469-21-9	Aroclor 1242	25000	D
12672-29-6	Aroclor 1248	2100	UX
11097-69-1	Aroclor 1254	24000	D
11096-82-5	Aroclor 1260	8100	D

57.1 ppm (0-2')

MM711-0611 S17

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-005

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-005A

Sample wt/vol: 15 (g/mL) g Lab File ID: a00126.raw

% Moisture: 24 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/16/11

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	43	U
11104-28-2	Aroclor 1221	88	U
11141-16-5	Aroclor 1232	43	U
53469-21-9	Aroclor 1242	150	PY
12672-29-6	Aroclor 1248	43	U
11097-69-1	Aroclor 1254	1200	EP
11096-82-5	Aroclor 1260	1500	EP

8/9/11

MM711-0611 S18

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-005DL

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-005ADL

Sample wt/vol: 15 (g/mL) ML Lab File ID: a00298.raw

% Moisture: 24 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/21/11

Injection Volume: 0.5 (uL) Dilution Factor: 50.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	2200	UX
11104-28-2	Aroclor 1221	4400	U
11141-16-5	Aroclor 1232	2200	UX
53469-21-9	Aroclor 1242	29000	D
12672-29-6	Aroclor 1248	2200	UX
11097-69-1	Aroclor 1254	31000	D
11096-82-5	Aroclor 1260	8900	D

68.9 ppm (0-2')

MM711-0611 S19

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-006

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-006A

Sample wt/vol: 15 (g/mL) g Lab File ID: a00114.raw

% Moisture: 26 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/15/11

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	44	U Y
11104-28-2	Aroclor 1221	90	U Y
11141-16-5	Aroclor 1232	44	U Y
53469-21-9	Aroclor 1242	2300	EP
12672-29-6	Aroclor 1248	44	U Y
11097-69-1	Aroclor 1254	2100	EP
11096-82-5	Aroclor 1260	5800	E

8/9/11

MM711-0611 S20

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MM711-0611-006DL

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: 1107299-006ADL

Sample wt/vol: 15 (g/mL) ML Lab File ID: a00303.raw

% Moisture: 26 Decanted: (Y/N) N Date Received: 07/11/11

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/21/11

Injection Volume: 0.5 (uL) Dilution Factor: 100.00

GPC Cleanup: (Y/N) N pH: 8.0 Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	4400	UX
11104-28-2	Aroclor 1221	9000	U
11141-16-5	Aroclor 1232	4400	UX
53469-21-9	Aroclor 1242	53000	D
12672-29-6	Aroclor 1248	4400	UX
11097-69-1	Aroclor 1254	37000	D
11096-82-5	Aroclor 1260	11000	D

101 ppm (2-4')

MM711-0611 S21

4. SURROGATE SPIKE ANALYSIS RESULTS

4.1 PCBs

2F

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

GC Column(1): CLP ID: .32 (mm) GC Column(2): CLP2 ID: .32 (mm)

	EPA SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	Other (1)	Other (2)	TOT OUT
01	MM711-0611-001	56	52	735 *	740 *			2
02	MM711-0611-002	65	69	72	314 *			1
03	MM711-0611-006	2 *	0 *	410 *	0 *			4
04	MM711-0611-004	0 *	0 *	58	55			2
05	MM711-0611-003	0 *	0 *	156 *	167 *			4
06	MM711-0611-005	0 *	0 *	106	104			2
07	MB-30708	59	64	77	80			0
08	LFB-30708	71	80	81	85			0
09	MM711-0611-004DL	0 D	0 D	0 D	0 D			0
10	MM711-0611-003DL	0 D	0 D	0 D	0 D			0
11	MM711-0611-005DL	0 D	0 D	0 D	0 D			0
12	MM711-0611-002DL	0 D	0 D	0 D	0 D			0
13	MM711-0611-006DL	0 D	0 D	0 D	0 D			0
14	MM711-0611-001DL	0 D	0 D	0 D	0 D			0

		QC Limits
TCX	= Tetrachloro-m-xylene	(30-150)
DCB	= Decachlorobiphenyl	(30-150)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

MM711-0611 S23

5. MATRIX SPIKE / MATRIX SPIKE DUPLICATE SUMMARY

5.1 PCBs

3A

SYSTEM MONITORING SPIKE RECOVERY

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Sample ID LFB-30708 Level: (low/med) LOW

Column ID CLP Column Diam .32

Inst. ID HP6890-2 Init. Calib. Date(s): 06/13/11 23:02

06/14/11 1:29

Analysis Date: 07/21/11 5:58

COMPOUND	SPIKE ADDED (µg/Kg)	SAMPLE CONCENTRATION (µg/Kg)	SPIKE CONCENTRATION (µg/Kg)	SPIKE % REC #	QC. LIMITS REC.
Aroclor 1016	170	0	120	70	50-136
Aroclor 1260	170	0	140	83	45-154

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 2 outside limits

COMMENTS: _____

MM711-0611 S25

6. BLANK SUMMARY DATA AND RESULTS

6.1 PCBs

4C

EPA SAMPLE NO.

MB-30708

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Lab Sample ID: MB-30708 Lab File ID: a00292.raw

Matrix: (soil/water) S Extraction: (Type) PFEX

Sulfur Cleanup: (Y/N) Y Date Extracted: 07/13/11

Date Analyzed (1): 07/21/11 Date Analyzed (2): 07/21/11

Time Analyzed (1): 5:43 Time Analyzed (2): 5:43

Instrument ID (1): HP6890-2 Instrument ID (2): HP6890-2

GC Column (1): CLP ID: .32 (mm) GC Column (2): CLP2 ID: .32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	MM711-0611-001	1107299-001A	7/15/2011	7/15/2011
2	MM711-0611-002	1107299-002A	7/15/2011	7/15/2011
3	MM711-0611-006	1107299-006A	7/15/2011	7/15/2011
4	MM711-0611-004	1107299-004A	7/16/2011	7/16/2011
5	MM711-0611-003	1107299-003A	7/16/2011	7/16/2011
6	MM711-0611-005	1107299-005A	7/16/2011	7/16/2011
7	LFB-30708	LFB-30708	7/21/2011	7/21/2011
8	MM711-0611-004DL	1107299-004ADL	7/21/2011	7/21/2011
9	MM711-0611-003DL	1107299-003ADL	7/21/2011	7/21/2011
10	MM711-0611-005DL	1107299-005ADL	7/21/2011	7/21/2011
11	MM711-0611-002DL	1107299-002ADL	7/21/2011	7/21/2011
12	MM711-0611-006DL	1107299-006ADL	7/21/2011	7/21/2011
13	MM711-0611-001DL	1107299-001ADL	7/21/2011	7/21/2011

COMMENTS: _____

MM711-0611 S27

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MB-30708

Lab Name: H2M LABS INC Contract: _____

Lab Code: H2M Case No.: DEC SAS No.: _____ SDG No.: MM711-0611

Matrix: (soil/water) SOIL Lab Sample ID: MB-30708

Sample wt/vol: 15 (g/mL) g Lab File ID: a00292.raw

% Moisture: Decanted: (Y/N) N Date Received:

Extraction: (Type) PFEX Date Extracted: 07/13/11

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/21/11

Injection Volume: 0.5 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) Y

CAS NO	COMPOUND	CONCENTRATION UNITS: (µg/L or µg/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	33	U
11104-28-2	Aroclor 1221	67	U
11141-16-5	Aroclor 1232	33	U
53469-21-9	Aroclor 1242	33	U
12672-29-6	Aroclor 1248	33	U
11097-69-1	Aroclor 1254	33	U
11096-82-5	Aroclor 1260	33	U

MM711-0611 S28

QUALIFIERS FOR REPORTING ORGANICS DATA

Value - If the result is a value greater than or equal to the quantification limit, report the value.

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10U for phenol in water if the sample final volume is the protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must also be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor, the sample quantitation limit for phenol (330 U) would be corrected to:

$$\frac{(300\ U)}{D} \times df \text{ where } D = \frac{100\% moisture}{100}$$

and df - dilution factor

For example, at 24% moisture, $D = \frac{100 - 24}{100} = 0.76$

$$\frac{(300\ U)}{.76} \times 10 - 4300\ U$$ rounded to the appropriate number of significant figures

For semivolatile soil samples, the extract must be concentrated to 0.5 mL, and the sensitivity of the analysis is not compromised by the cleanup procedures. Similarly, pesticide samples subjected to GPC are concentrated to 5.0 mL. Therefore, the CRQL values in Exhibit C will apply to all samples, regardless of cleanup. However, if a sample extract cannot be concentrated to the protocol-specified volume (see Exhibit C), this fact must be accounted for in reporting the sample quantitation limit.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified quantification limit but greater than zero. (e.g.: If limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, report as 3J.) The sample quantitation limit must be adjusted for dilution as discussed for the U flag.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported of Form I with a "P".

C - This flag applies to pesticide results when the identification has been confirmed by GC/MS.. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag, instead use a Laboratory defined flag, discussed below.

B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified target compound.

E - This flag identified compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in Exhibit D, the sample or extract must be diluted and re-analyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration ranges in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number. NOTE: For total xylenes, where three isomers are quantified as two peaks, the calibration range of each peak should be considered separately, e.g. a diluted analysis is not required for total xylenes unless the concentration of the peak representing the single isomer exceed 200 ug/L or the peak representing the two coeluting isomers on that GC column exceed 400 ug/L. Similarly, if the two 1,2-Dichloroethene isomers coelute, a diluted analysis is not required unless the concentration exceed 400 ug/L.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag. This flag alerts data users that any discrepancies between the concentrations reported may be due to dilution of the sample or extract.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - Other specific flags may be required to properly define the results. If used, they must be fully described and such description attached to the Sample Data Summary Package and the SDG narrative. Begin by using "X". If more than one flag is required use "Y" and "Z" as needed. If more than five qualifiers are required for a sample result, used the "X" flag to combine several flags as needed. For instance, the "X" flag might combine "A", "B", and "D" flags for some samples. The laboratory defined flags limited to the letters "X", "Y" and "Z".

The combination of flags "BU' or "UB" is expressly prohibited. Blank contaminants are flagged "B" only when they are detected in the sample.

Engineering and
Land Surveying, P.C.



FIELD SAMPLING REPORT

FORTINO TIRE SITE

WEST MONROE, NEW YORK

PREPARED FOR:

NYS DEPARTMENT OF CONSERVATION (NYSDEC) AND
NYS OFFICE OF GENERAL SERVICES (NYSOGS)

NYSOGS PROJECT NO.: 47134 – WORK ORDER 7 TO CONTRACT SA616
MJ PROJECT NO.: 915.06

JULY 2015

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APPENDIX A SAMPLING LOCATIONS AND CONTAMINATION PARAMETERS
APPENDIX B ANALYTICAL REPORT FOR THE SAMPLE LOCATIONS

1.0 Introduction

MJ Engineering and Land Surveying, P.C. (MJ) was contracted by the New York State Office of General Services (NYSOGS) and the New York State Department of Conservations (NYSDEC) to complete an environmental investigation associated with Automobile Shredder Residue (ASR) waste at the Fortino Tire Site (Site). The Site is located off the Pinnacle Road Spur in the town of West Monroe, Oswego County, New York. A Sampling and Analysis Plan (SAP) for the ASR waste was developed and implemented by MJ to assess the waste characterization and quantities of the ASR waste.

This ASR waste investigation was completed to obtain recent analytical data for the ASR waste, further refine waste amounts, and estimate disposal costs as previously outlined in the March 2014 Program Report prepared by Shumaker Consulting Engineering & Land Surveying, D.P.C.

This Field Sampling Report was developed to address the following objectives:

- Assess waste material;
- Approximate waste depth; and
- Analyze ASR waste for disposal facility characterization.

Sections 2.0 and 3.0 of this report discuss the site background and Scope of Work (SOW).

2.0 Site Background

The Site is located on Pinnacle Road Spur, West Monroe, New York. The Site was historically utilized as a municipal waste accumulation area and a used tire and ASR waste accumulation area. The Site is bounded by private landowners in all directions. To the north, east, and west of the Site are New York State Department of Environmental Conservation (NYSDEC) and US Army Corps of Engineers (USACE) wetlands. Historically, the site has partially flooded due to beaver activity. Clemson Beaver Pond Levelers were reportedly used to control the level of surrounding beaver impoundments and have eliminated much of the site flooding. Two Clemson Beaver Pond Levelers remain functional today and are installed under the primary access road. A gravel entrance and interior roadways are present on the site.

In 2004, NYSDEC initiated a tire remediation effort in conformance with the New York State Waste Tire Management and Recycling Act of 2003. Between 2004 and 2009, approximately 11 to 12 million tires were processed into New York State Department of Transportation (NYSDOT) GCP-19 compliant tire shred material and removed from the site. The Site currently contains a large stockpile of ASR waste, estimated to be approximately 55,000 cubic yards (cy) in volume. Waste tires and metal components are also present with the ASR waste pile; however, the quantity of tires and metal within the pile are unknown.

The ASR waste consists of shredded automobile interior components. In the mid-1980s, the material was reportedly dumped over an embankment, partially entering wetlands adjacent to the site to the north. There has been no record of electrical components, such as PCB containing capacitors, being separated from the waste and PCBs are present in the ASR waste.
Municipal waste from the Town of Monroe had also been previously dumped on the site in the area west and immediately adjacent to the ASR waste area.

Figure 1 - Project Location



Figure 1 illustrates the project location and limits. The following subsections discuss the project history, current site conditions, and a summary of the individual sites of environmental concern.

2.1 Previous Investigations

Sampling of the ASR waste, performed in 1990 and 1991 by NYSDEC, indicated that PCBs were reported in the ASR waste, but were not present above 1 ppm in adjacent soil and water. Additional sampling of the ASR waste was conducted in 2008, 2009, and 2011 by the NYSDEC with some samples exhibiting PCB levels in excess of the Toxic Substances Control Act (TSCA) 50 ppm hazardous waste concentration limit.

The Program Report for this project estimated ASR waste volume of approximately 20,000 cy. Based upon this sampling effort, observed boring depths n combination with 3D laser scanning of the pile, the ASR waste is estimated to be approximately 55,000 cy.

2.2 Current Site Conditions

The site is located in the Town of West Monroe, Oswego County, New York. The project area is primarily vacant surrounded by wetlands. The project area that is the subject of the investigation includes the Site, ASR accumulation area, and the surrounding NYSDEC and USACE wetlands. Threemile Creek is located southwest of the project area and the Town of West Monroe is to the south and west of the site.

2.3 Site Summary

The Site was identified as an area of concern due to the following:

- The Site was historically used as a waste accumulation area for used tires, ASR waste, and municipal waste from the Town of West Monroe. Limited information was available regarding former waste generation and/or disposal of hazardous substances.

- Based on subsurface investigations, much of the materials in the project area consist of ASR, which is comprised of interior automobile components mixed with used tires.

3.0 Scope of Work (SOW)

The SOW was developed to address the objectives stated in Section 1.0 of this report and consists of two main tasks:

- Field Sampling Investigation
- Investigation Findings Summary

As part of the SOW, a site-specific Health and Safety Plan was developed to address the health and safety practices that were employed by site workers participating in the investigation fieldwork. The health and safety plan can be found in the SAP document.

3.1 Field Sampling Investigation

The field sampling for the Site consisted of ASR waste sampling to the depth of natural soils. A total of 56 borings were advanced throughout the Site. Based on the homogenous nature of the waste, one composite sample from each boring was collected for analytical testing. The waste samples were analyzed by Test America Laboratories for waste disposal parameters listed below. One composite sample consisting of nine sample boring locations (location ID No. 8, 9, 15, 16, 23, 24, 25, 32, and 33) was collected where the boring depth of the ASR waste stockpile was less than one foot. **Table 1** below presents a summary of analytical samples and the sampling rationale for each of the sites of concern. **Figure 2** in **Appendix A** depicts the ASR boring sample locations.

During to the field sampling investigation, MJ utilized a 3-D modeling and scanning system to investigate the approximate dimensions and volume of the ASR pile. The ASR pile is approximately 640 feet at its longest and 400 and its widest. The heights of the ASR pile range from approximate 22 feet to less than one foot. Based on 3-D imaging, the volume of the ASR pile was calculated to be approximately 55,000 cubic yards.

Table 1: Sample Collection Summary			
Medium	**Sampling Method**	**Analytical Parameters**	**Actual Number of Field Samples**
ASR boring samples	Split spoon sampler	TCLP – RCRA 8 Metals	48
		PCBs	48
		Ignitability (RCRA)	48
		Reactivity	48
		Corrosivity (pH)	48

Notes:
Full TCLP - Toxicity Characteristic Leaching Procedure: EPA Method 6010 for lead – composite samples. Ignitability (RCRA) - RCRA ignitability hazardous waste characteristics: EPA Method 1010 – composite samples. Reactivity – RCRA reactivity hazardous waste characteristics: Method SW Sec. 7.3 – composite samples Corrosivity as pH – RCRA corrosivity hazardous waste characteristics: Method 9045 – composite samples.

3.2 Sampling Summary

From May 18 through 27, 2015, MJ collected 48 ASR samples from the Site's ASR stockpile. Drilling and boring services for sampling collection were provided by QCQA Laboratories, Inc. of Schuylerville, NY. **Figure 2** in **Appendix A** illustrates the ASR boring sample locations. Samples were relinquished to and analyzed by Test America of Buffalo, NY, an New York State Department of Health (NYSDOH) ELAP certified laboratory for the following analytical parameters:

Analytical Parameters		**Analytical Method**
Polychlorinated Biphenyls (PBCs)	Aroclor-1016, Aroclor-1221, Aroclor-1232, Aroclor-1242, Aroclor-1248, Aroclor-1254, and Aroclor-1260	8082A
RCRA Metals	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, and Mercury	6010C, 7470A, and 7471B
Volatile Organic Compounds (VOCs)	1,1-Dichloroethene, 1,2-Dichloroethane, 2-Butanone (MEK), Benzene, Carbon tetrachloride, Chlorobenzene, Chloroform, Tetrachloroethene, Trichloroethene, Vinyl chloride	8260C
Semi Volatile Organic Compounds (SVOCs)	1,4-Dichlorobenzene, 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dinitrotoluene, 2-Methylphenol, 3-Methylphenol, 4-Methylphenol, Hexachlorobenzene, Hexachlorobutadiene, Hexachloroethane, Nitrobenzene, Pentachlorophenol, and Pyridine	8270D
Reactivity	Cyanide, Reactive and Sulfide, Reactive	N/A
Corrosivity	pH	
Ignitability	Flashpoint	

Table 2 below provides the physical coordinates and depth to native soil for each of the boring sampling locations.

Table 2: Sampling Location Physical Data				
Sample Location	Sampling Date	Depth (ft)	Coordinates	
			N	W
1	5/19/2015	10	43.29648	76.04072
2	5/20/2015	12	43.29624	76.04060
3	5/26/2015	19	43.29635	76.04059
4	5/26/2015	19	43.29350	76.04038
5	5/18/2015	16-18	43.29625	76.04440
6	5/18/2015	10-12	43.29614	76.04055
7	5/26/2015	9	43.29630	76.03960
8*	5/21/2015	< 1	43.29597	76.04063
9*	5/21/2015	< 1	43.29591	76.04064
10	5/19/2015	14	43.29665	76.04037
11	5/19/2015	18	43.29651	76.04032
12	5/19/2015	18	43.29647	76.04048
13	5/18/2015	12-14	43.29616	76.04038
14	5/18/2015	10-12	43.29610	76.04041
15*	5/18/2015	0	43.29601	76.04046
16*	5/21/2015	< 1	43.29585	76.04051
17	5/26/2017	12	43.29665	76.04051
18	5/20/2015	11	43.29657	76.04001
19	5/19/2015	22	43.29651	76.04011
20	5/19/2015	20-22	43.29638	76.04043
21	5/19/2015	19	43.29634	76.04008
22	5/22/2015	14	43.29614	76.04014
23*	5/21/2015	< 1	43.29600	76.04021
24*	5/21/2015	< 1	43.29589	76.04029
25*	5/21/2015	< 1	43.29579	76.04035
26	5/20/2015	10	43.29659	76.04002
27	5/20/2015	10	43.29652	76.03981
28	5/20/2015	18	43.29643	76.03989
29	5/19/2015	16	43.29621	76.04001
30	5/20/2015	12	43.29604	76.04003
31	5/21/2015	9	43.29594	76.04008
32*	5/21/2015	< 1	43.29582	76.04015
33*	5/21/2015	< 1	43.29574	76.04022
34	5/26/2015	19	43.29629	76.03992
35	5/26/2015	9	43.29646	76.03958
36	5/20/2015	9	43.29631	76.03942
37	5/20/2015	9	43.29623	76.03970
38	5/20/2015	12	43.29603	76.03993
39	5/21/2015	8	43.29591	76.03994
40	5/21/2015	8	43.29577	76.03989

*Sample locations combined for composite sample SHA-1

Table 2 Cont.

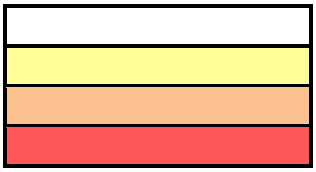
Sample Location	Sampling Date	Depth (ft)	Coordinates	
			N	W
40-A	5/21/2015	9	43.29576	76.03972
41	5/21/2015	6	43.29565	76.03987
42	5/20/2015	10	43.29611	76.03940
43	5/22/2015	16	43.29598	76.03956
44	5/21/2015	16	43.29575	76.03947
45	5/21/2015	10	43.29565	76.03956
46	5/21/2015	8	43.29557	76.03971
47	5/21/2015	10	43.29542	76.03966
48	5/21/2015	10	43.29546	76.03943
49	5/21/2015	9	43.29545	76.03921
50	5/21/2015	2	43.29529	76.03898
51	5/26/2015	19	43.29310	76.04022
52	5/26/2015	22	43.29642	76.04015
53	5/20/2015	13	43.29632	76.03977
54	5/21/2015	11	43.29594	76.03975
55	5/22/2015	16	43.29583	76.03958

*Sample locations combined for composite sample SHA-1

4.0 Conclusions

Table 3, located on the following page, presents a summary of the selected analytes resulting in concentration values greater than the EPA Title 40 § 261.24 regulatory hazardous waste standards and EPA 40 CFR §761.61(a)(5)(i)(B)(2)(iii) PCB remediation waste disposal standards for each of the sampling locations.

Sample results displayed in **Table 3** following the waste classification color keys below:



(=)	Non-Hazardous
(= or >)	Hazardous only
(= or >)	TSCA only
(= or >)	Both TSCA and Hazardous

Analytical Parameter	Standard Value	Standard Unit	Sample Location											
			1	2	3	4	5	6	7	10	11	12	13	14
Aroclor-1242 (PCB)	50	ppm	4.3	39	36	19	100	92	23	27	19	26	30	19
Aroclor-1254 (PCB)	50	ppm	7.7	45	33	20	93	240	40	51	22	21	44	13
Cadmium	1	mg/L	0.064	1.2	0.46	0.63	0.7	1.1	0.76	0.72	0.59	0.57	0.40	0.46
Lead	5	mg/L	0.53	2.4	2.0	2.7	4.6	6.6	1.6	4.2	3.1	3.4	1.8	1.9
Mercury	0.2	mg/L	0.84	0.72	ND	ND	5.7	11.9	ND	3.9	3.5	2.2	2.9	0.98

Analytical Parameter	Standard Value	Standard Unit	Sample Location											
			17	18	19	20	21	22	26	27	28	29	30	31
Aroclor-1242 (PCB)	50	ppm	33	15	38	30	28	14	25	18	22	27	0.19	43
Aroclor-1254 (PCB)	50	ppm	35	14	38	25	34	19	16	14	39	21	0.14	21
Cadmium	1	mg/L	0.58	0.64	0.51	0.25	0.52	0.53	0.43	0.51	0.63	0.53	0.44	1.1
Lead	5	mg/L	1.4	2.5	5.5	2.7	4.1	6.3	2.8	2.2	3.0	6.6	2.4	7.9
Mercury	0.2	mg/L	ND	4.5	2.5	3.1	2.8	ND	4.5	5.5	3.7	0.83	6.2	0.0016

Analytical Parameter	Standard Value	Standard Unit	Sample Location											
			34	35	36	37	38	39	40	40-A	41	42	43	44
Aroclor-1242 (PCB)	50	ppm	22	21	18	19	0.38	45	52	36	56	16	6.1	17
Aroclor-1254 (PCB)	50	ppm	26	44	37	20	0.30	26	43	36	62	30	9.9	28
Cadmium	1	mg/L	0.37	0.76	0.66	0.58	0.44	0.47	0.49	0.5	0.57	0.55	0.79	0.63
Lead	5	mg/L	5.4	3.6	1.0	1.8	2.2	1.7	4	2.1	3.8	1.6	3.4	0.79
Mercury	0.2	mg/L	ND	ND	4.4	4.2	4.1	0.00076	0.00019	0.00012	0.00012	4.7	0.00012	ND

Analytical Parameter	Standard Value	Standard Unit	Sample Location											
			45	46	47	48	49	50	51	52	53	54	55	SHA-1*
Aroclor-1242 (PCB)	50	ppm	24	17	9.3	24	20	3.2	23	25	20	61	6.9	1.6
Aroclor-1254 (PCB)	50	ppm	26	12	7.3	13	14	4.9	25	28	33	43	8.4	4.7
Cadmium	1	mg/L	0.61	0.49	0.23	0.31	0.33	0.16	0.65	0.48	0.51	0.44	0.38	0.19
Lead	5	mg/L	2.2	4.3	2.3	2.0	1.4	1.1	1.2	3.6	6.3	2.8	2.1	0.54
Mercury	0.2	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = None Detected

*SHA-1 is a composite sample composed of ASR samples at location ID No. 8, 9, 15, 16, 23, 24, 25, 32, and 33.

The following table illustrates how each sample's resulting concentrations corresponds with waste disposal classifications:

Waste Disposal Classification	Sample Locations
TSCA Hazardous Waste - PCBs (≥ 50 ppm)	40, 41, and 54
RCRA Hazardous Waste - Metals	1, 2, 11, 12, 13, 14, 18, 19, 20, 21, 22, 26, 27, 28, 29, 30, 31, 34, 36, 37, 38, 42, and 53
RCRA and TSCA Hazardous Waste - PCBs and Metals	5, 6, and 10
Non-RCRA and Non-TSCA Hazardous Waste	3, 4, 7, 17, 35, 39, 40-A, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 55, and SHA-1

Test America's Laboratory analytical laboratory report is provided in **Appendix B.**

Figure 2 in **Appendix A** illustrates sample areas and their corresponding contamination parameters (metal toxicity and PCBs) in regards to hazardous waste classification.

ASR waste in sampling areas containing concentrations below the TSCA and EPA hazardous waste concentration standards, thus are identified as non-hazardous waste. A total of 18 of 48 sample areas were identified as containing non-TSCA and non-EPA hazardous waste (including the composite sample consisting of nine sampling locations). ASR wastes in sampling areas containing concentration at or above the TSCA and EPA hazardous waste standards are identified as hazardous wastes.

5.0 Recommendations

As part of the proposed remediation, waste will be placed in a designated waste stockpile area in 500 cy increments. Those increments will be samples for waste characterization and acceptance in accordance with the receiving treatment, storage, and disposal facility (TSDF) requirements.

6.0 References

"Characterization of Hazardous Waste Sites, A Method Manual, Volume 2, Available Sampling Methods", 3rd Edition, USEPA, November 1986.

"Determination of Soil Cleanup Objectives and Cleanup Levels", NYSDEC Division of Hazardous Waste Remediation Technical and Administrative Guidance Memorandum (TAGM) HWR-92-4046, November 1992, revised January 24, 1994.

SAMPLING AND ANALYSIS PLAN Fortino Tire Site – Phase V- Schumaker Engineering- April 5, 2013.

Fortino Tire Site Field Sampling Plan – MJ Engineering and Land Surveying, P.C. – May 2015

APPENDIX A

SAMPLING LOCATIONS AND CLASSIFICATION PARAMETERS

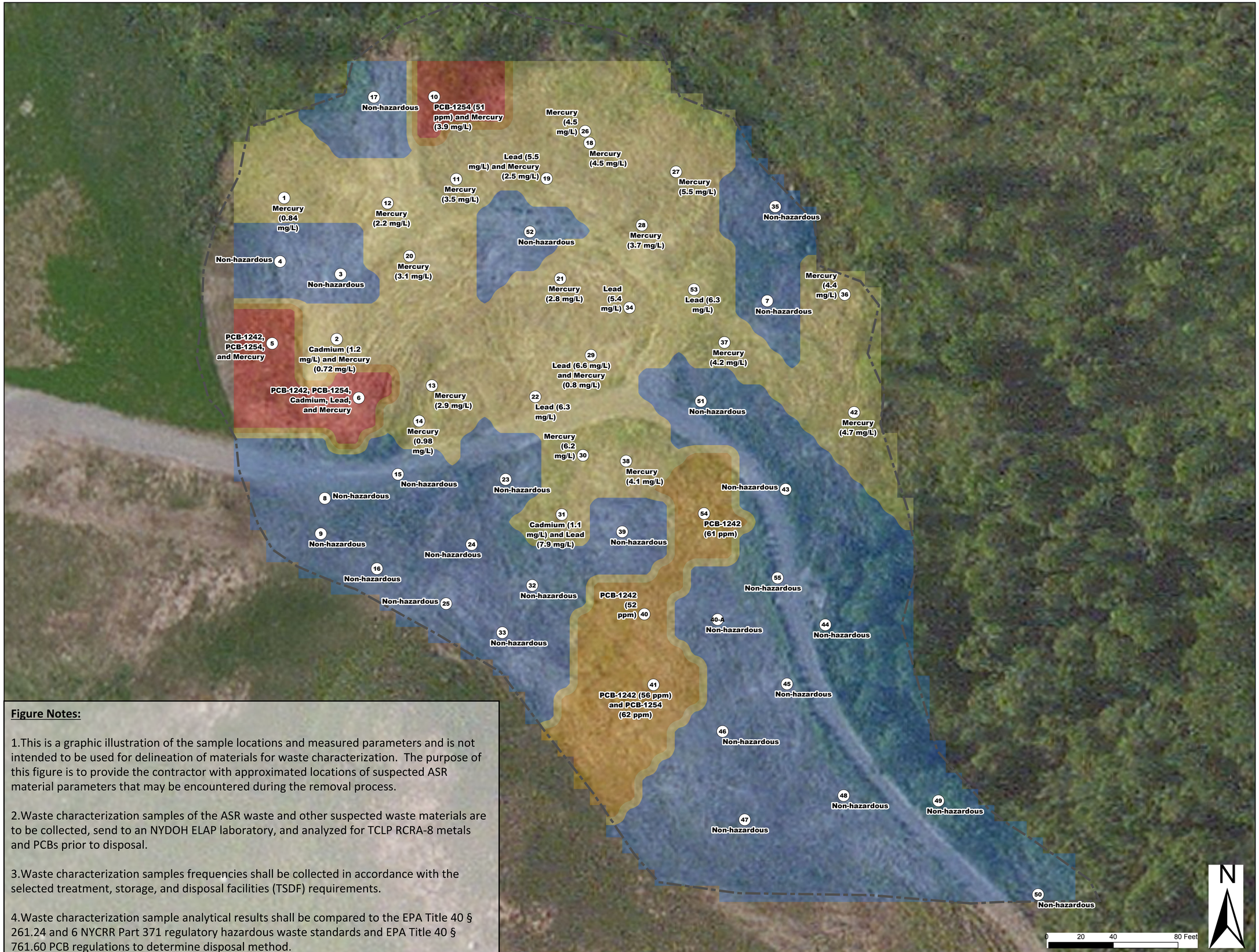


Figure Notes:

1.This is a graphic illustration of the sample locations and measured parameters and is not intended to be used for delineation of materials for waste characterization. The purpose of this figure is to provide the contractor with approximated locations of suspected ASR material parameters that may be encountered during the removal process.

2.Waste characterization samples of the ASR waste and other suspected waste materials are to be collected, send to an NYDOH ELAP laboratory, and analyzed for TCLP RCRA-8 metals and PCBs prior to disposal.

3.Waste characterization samples frequencies shall be collected in accordance with the selected treatment, storage, and disposal facilities (TSDF) requirements.

4.Waste characterization sample analytical results shall be compared to the EPA Title 40 § 261.24 and 6 NYCRR Part 371 regulatory hazardous waste standards and EPA Title 40 § 761.60 PCB regulations to determine disposal method.

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONTRACTOR:

Engineering and Land Surveying, P.C.

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

CONTRACT:

TITLE: DISPOSE OF ASR WASTE

LOCATION: FORTINO TIRE SITE
PINNACLE ROAD
WEST MONROE, NY 131

CLIENT: NYSOGS AND NYSDEC

FIGURE 2

SAMPLING LOCATIONS AND CONTAMINATION PARAMETERS

MARK	DATE	DESCRIPTION

PROJECT NUMBER:

DESIGNED BY:

DRAWN BY:

FIELD CHECK:

APPROVED:

SHEET TITLE:

DRAWING NUMBER:

SHEET OF ##

ASSET_NUMBER DWG_TYPE

APPENDIX B

ANALYTICAL REPORT FOR THE SAMPLE LOCATIONS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-80671-1
Client Project/Site: Characterization Sample -West Monroe, NY

For:
MJ Engineering & Land Surveying PC
1533 Crescent Road
Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld

Authorized for release by:
6/4/2015 11:27:13 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-80671-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-80671-1

Receipt
The samples were received on 5/20/2015 2:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.6º C and 0.8º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY-Fortino Sample # 20 (480-80671-1), West Monroe NY-Fortino Sample # 21 (480-80671-2), West Monroe NY-Fortino Sample # 29 (480-80671-3), West Monroe NY-Fortino Sample # 19 (480-80671-4), West Monroe NY-Fortino Sample # 11 (480-80671-5), West Monroe NY-Fortino Sample # 12 (480-80671-6), West Monroe NY-Fortino Sample # 10 (480-80671-7), West Monroe NY-Fortino Sample # 01 (480-80671-8), (LB 480-243880/1-A), (480-80671-A-1-B MS) and (480-80671-A-1-B MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The surrogate recovery for the blank associated with preparation batch 480-244143 and analytical batch 480-244375 was outside the upper control limits. All associated sample surrogates fell within acceptance criteria; therefore, the data have been reported.

Method(s) 8270D: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 244143 recovered outside control limits for the following analytes: Nitrobenzene. West Monroe NY-Fortino Sample # 20 (480-80671-1), West Monroe NY-Fortino Sample # 21 (480-80671-2), West Monroe NY-Fortino Sample # 29 (480-80671-3), West Monroe NY-Fortino Sample # 19 (480-80671-4), West Monroe NY-Fortino Sample # 11 (480-80671-5), West Monroe NY-Fortino Sample # 12 (480-80671-6), West Monroe NY-Fortino Sample # 10 (480-80671-7) and West Monroe NY-Fortino Sample # 01 (480-80671-8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8081B: The continuing calibration verification (CCV) associated with batch 244261 recovered above the upper control limit for Chlordane (technical). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: Surrogate recovery for the following samples were outside control limits: West Monroe NY-Fortino Sample # 20 (480-80671-1), West Monroe NY-Fortino Sample # 21 (480-80671-2), West Monroe NY-Fortino Sample # 29 (480-80671-3), West Monroe NY-Fortino Sample # 19 (480-80671-4), West Monroe NY-Fortino Sample # 11 (480-80671-5), West Monroe NY-Fortino Sample # 12 (480-80671-6), West Monroe NY-Fortino Sample # 10 (480-80671-7) and West Monroe NY-Fortino Sample # 01 (480-80671-8), (LB 480-243878/1-C). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide derivatization of the free acid components.

Method(s) 8082A: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample # 20 (480-80671-1) and West Monroe NY-Fortino Sample # 12 (480-80671-6). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY-Fortino Sample # 20 (480-80671-1), West Monroe NY-Fortino Sample # 21 (480-80671-2), West Monroe NY-Fortino Sample # 29 (480-80671-3), West Monroe NY-Fortino Sample # 19 (480-80671-4), West Monroe NY-Fortino Sample # 11 (480-80671-5), West Monroe NY-Fortino Sample # 12 (480-80671-6) and West Monroe NY-Fortino Sample # 10 (480-80671-7). Reagents:2022870,1848563 and 1931923

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 480-80671-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe.West Monroe NY-Fortino Sample # 20 (480-80671-1), West Monroe NY-Fortino Sample # 21 (480-80671-2), West Monroe NY-Fortino Sample # 29 (480-80671-3), West Monroe NY-Fortino Sample # 19 (480-80671-4), West Monroe NY-Fortino Sample # 11 (480-80671-5), West Monroe NY-Fortino Sample # 12 (480-80671-6), West Monroe NY-Fortino Sample # 10 (480-80671-7) and West Monroe NY-Fortino Sample # 01 (480-80671-8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with extraction batch 244150.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with extraction batch 244143.

Method(s) 8151A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with extraction batch 244140.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 20 — Lab Sample ID: 480-80671-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.13		0.010	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.13		0.010	0.00036	mg/L	1		8270D	TCLP
Aroclor-1242	30000		4400	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	25000		4400	1900	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0058	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	3.8		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.25		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.7		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	3.1		0.26	0.11	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.55	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 21 — Lab Sample ID: 480-80671-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.0023	J	0.010	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.0023	J	0.010	0.00036	mg/L	1		8270D	TCLP
Aroclor-1242	28000		4000	1300	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	34000	p	4000	1700	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0061	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	5.7		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.52		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	4.1		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	2.8		0.24	0.098	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.28	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 29 — Lab Sample ID: 480-80671-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	27000		4300	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	21000		4300	1800	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0071	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	4.3		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.53		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	6.6		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.83		0.026	0.011	mg/Kg	1	☼	7471B	Total/NA
Sulfide, Reactive	20.0		10	0.57	mg/Kg	1		9034	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.27	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 19 — Lab Sample ID: 480-80671-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.0045	J	0.010	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.0045	J	0.010	0.00036	mg/L	1		8270D	TCLP
Aroclor-1242	38000		4800	1600	ug/Kg	100	☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: West Monroe NY-Fortino Sample # 19 (Continued)

Lab Sample ID: 480-80671-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1254	38000		4800	2000	ug/Kg	100	☼	8082A	Total/NA
Barium	6.4		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.51		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	5.5		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	2.5		0.27	0.11	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.63	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 11

Lab Sample ID: 480-80671-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	19000	p	4300	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	22000	p	4300	1800	ug/Kg	100	☼	8082A	Total/NA
Barium	4.8		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.59		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	3.1		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	3.5		0.25	0.10	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.57	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 12

Lab Sample ID: 480-80671-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	26000		4400	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	21000		4400	1800	ug/Kg	100	☼	8082A	Total/NA
Barium	5.2		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.57		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	3.4		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	2.2		0.24	0.099	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.28	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 10

Lab Sample ID: 480-80671-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methoxychlor	0.00010	J	0.00020	0.000014	mg/L	1		8081B	TCLP
Aroclor-1242	27000		4500	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	51000		4500	1900	ug/Kg	100	☼	8082A	Total/NA
Barium	3.7		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.72		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	4.2		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	3.9		0.25	0.10	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.05	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 01 — Lab Sample ID: 480-80671-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	4300		710	240	ug/Kg	20	☼	8082A	Total/NA
Aroclor-1254	7700		710	300	ug/Kg	20	☼	8082A	Total/NA
Barium	0.72	J F1	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.064		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	0.53	F1	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.84		0.022	0.0087	mg/Kg	1	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.38	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: West Monroe NY-Fortino Sample # 20

Lab Sample ID: 480-80671-1
Date Collected: 05/19/15 08:20
Matrix: Solid
Date Received: 05/20/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 00:26	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 00:26	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 00:26	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 00:26	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 00:26	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 00:26	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 00:26	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 00:26	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 00:26	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 00:26	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*05/23/15 00:26*	*10*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/23/15 00:26*	*10*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*05/23/15 00:26*	*10*
Dibromofluoromethane (Surr)	*93*		*60 - 140*		*05/23/15 00:26*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 18:26	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 18:26	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 18:26	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 18:26	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 18:26	1
3-Methylphenol	**0.13**		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 18:26	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 18:26	1
4-Methylphenol	**0.13**		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 18:26	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 18:26	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 18:26	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 18:26	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 18:26	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*71*		*52 - 132*	*05/22/15 11:55*	*05/26/15 18:26*	*1*
2-Fluorobiphenyl	*59*		*48 - 120*	*05/22/15 11:55*	*05/26/15 18:26*	*1*
2-Fluorophenol	*31*		*20 - 120*	*05/22/15 11:55*	*05/26/15 18:26*	*1*
Nitrobenzene-d5	*58*		*46 - 120*	*05/22/15 11:55*	*05/26/15 18:26*	*1*
p-Terphenyl-d14	*78*		*67 - 150*	*05/22/15 11:55*	*05/26/15 18:26*	*1*
Phenol-d5	*23*		*16 - 120*	*05/22/15 11:55*	*05/26/15 18:26*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 11:18	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 11:18	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:18	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 11:18	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 11:18	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:18	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 11:18	1

Client Sample ID: West Monroe NY-Fortino Sample # 20

Lab Sample ID: 480-80671-1
Date Collected: 05/19/15 08:20
Matrix: Solid
Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		20 - 120	05/22/15 12:02	05/23/15 11:18	1
Tetrachloro-m-xylene	70		36 - 120	05/22/15 12:02	05/23/15 11:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1221	ND		4400	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1232	ND		4400	2700	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1242	**30000**		4400	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1248	ND		4400	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1254	**25000**		4400	1900	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100
Aroclor-1260	ND		4400	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 11:28	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	399	X	29 - 151	05/29/15 07:39	06/02/15 11:28	100
DCB Decachlorobiphenyl	291	p X	14 - 163	05/29/15 07:39	06/02/15 11:28	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/22/15 11:53	05/28/15 21:53	1
2,4-D	ND		0.0020	0.00040	mg/L		05/22/15 11:53	05/28/15 21:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	25	X	35 - 143	05/22/15 11:53	05/28/15 21:53	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0058**	**J**	0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 11:54	1
Barium	**3.8**		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 11:54	1
Cadmium	**0.25**		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 11:54	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 11:54	1
Lead	**2.7**		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 11:54	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 11:54	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 11:54	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:32	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**3.1**		0.26	0.11	mg/Kg	☼	06/01/15 14:00	06/01/15 16:49	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			05/31/15 13:51	1
pH	**7.55**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 21
Date Collected: 05/19/15 09:15
Date Received: 05/20/15 02:30

Lab Sample ID: 480-80671-2
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 00:48	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 00:48	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 00:48	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 00:48	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 00:48	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 00:48	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 00:48	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 00:48	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 00:48	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 00:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*05/23/15 00:48*	*10*
Toluene-d8 (Surr)	*95*		*71 - 126*		*05/23/15 00:48*	*10*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*05/23/15 00:48*	*10*
Dibromofluoromethane (Surr)	*97*		*60 - 140*		*05/23/15 00:48*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 18:52	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 18:52	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 18:52	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 18:52	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 18:52	1
3-Methylphenol	**0.0023**	**J**	0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 18:52	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 18:52	1
4-Methylphenol	**0.0023**	**J**	0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 18:52	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 18:52	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 18:52	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 18:52	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 18:52	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*52 - 132*	*05/22/15 11:55*	*05/26/15 18:52*	*1*
2-Fluorobiphenyl	*67*		*48 - 120*	*05/22/15 11:55*	*05/26/15 18:52*	*1*
2-Fluorophenol	*40*		*20 - 120*	*05/22/15 11:55*	*05/26/15 18:52*	*1*
Nitrobenzene-d5	*74*		*46 - 120*	*05/22/15 11:55*	*05/26/15 18:52*	*1*
p-Terphenyl-d14	*87*		*67 - 150*	*05/22/15 11:55*	*05/26/15 18:52*	*1*
Phenol-d5	*28*		*16 - 120*	*05/22/15 11:55*	*05/26/15 18:52*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 11:35	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 11:35	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:35	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 11:35	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 11:35	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:35	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 11:35	1

Client Sample ID: West Monroe NY-Fortino Sample # 21

Lab Sample ID: 480-80671-2
Matrix: Solid
Date Collected: 05/19/15 09:15
Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	64		20 - 120	05/22/15 12:02	05/23/15 11:35	1
Tetrachloro-m-xylene	67		36 - 120	05/22/15 12:02	05/23/15 11:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4000	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1221	ND		4000	1900	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1232	ND		4000	2400	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1242	**28000**		4000	1300	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1248	ND		4000	970	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1254	**34000**	**p**	4000	1700	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100
Aroclor-1260	ND		4000	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 11:44	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	428	X	29 - 151	05/29/15 07:39	06/02/15 11:44	100
DCB Decachlorobiphenyl	177	p X	14 - 163	05/29/15 07:39	06/02/15 11:44	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/22/15 11:53	05/28/15 22:23	1
2,4-D	ND		0.0020	0.00040	mg/L		05/22/15 11:53	05/28/15 22:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	25	X	35 - 143	05/22/15 11:53	05/28/15 22:23	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0061**	**J**	0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 11:56	1
Barium	**5.7**		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 11:56	1
Cadmium	**0.52**		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 11:56	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 11:56	1
Lead	**4.1**		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 11:56	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 11:56	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 11:56	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:33	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**2.8**		0.24	0.098	mg/Kg	☼	06/01/15 14:00	06/01/15 16:50	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			05/31/15 13:51	1
pH	**7.28**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 29
Date Collected: 05/19/15 10:00
Date Received: 05/20/15 02:30

Lab Sample ID: 480-80671-3
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 01:11	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 01:11	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 01:11	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 01:11	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 01:11	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 01:11	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 01:11	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 01:11	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 01:11	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 01:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*05/23/15 01:11*	*10*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/23/15 01:11*	*10*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*05/23/15 01:11*	*10*
Dibromofluoromethane (Surr)	*95*		*60 - 140*		*05/23/15 01:11*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 19:19	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 19:19	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 19:19	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 19:19	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 19:19	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 19:19	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 19:19	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 19:19	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 19:19	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 19:19	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 19:19	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 19:19	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*78*		*52 - 132*	*05/22/15 11:55*	*05/26/15 19:19*	*1*
2-Fluorobiphenyl	*75*		*48 - 120*	*05/22/15 11:55*	*05/26/15 19:19*	*1*
2-Fluorophenol	*42*		*20 - 120*	*05/22/15 11:55*	*05/26/15 19:19*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*05/22/15 11:55*	*05/26/15 19:19*	*1*
p-Terphenyl-d14	*96*		*67 - 150*	*05/22/15 11:55*	*05/26/15 19:19*	*1*
Phenol-d5	*30*		*16 - 120*	*05/22/15 11:55*	*05/26/15 19:19*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 11:53	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 11:53	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:53	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 11:53	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 11:53	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:53	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 11:53	1

Client Sample ID: West Monroe NY-Fortino Sample # 29

Lab Sample ID: 480-80671-3
Matrix: Solid
Date Collected: 05/19/15 10:00
Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	59		20 - 120	05/22/15 12:02	05/23/15 11:53	1
Tetrachloro-m-xylene	65		36 - 120	05/22/15 12:02	05/23/15 11:53	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1221	ND		4300	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1232	ND		4300	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1242	**27000**		4300	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1248	ND		4300	1000	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1254	**21000**		4300	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100
Aroclor-1260	ND		4300	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 12:01	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	406	X	29 - 151	05/29/15 07:39	06/02/15 12:01	100
DCB Decachlorobiphenyl	126	p	14 - 163	05/29/15 07:39	06/02/15 12:01	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/22/15 11:53	05/28/15 22:52	1
2,4-D	ND		0.0020	0.00040	mg/L		05/22/15 11:53	05/28/15 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	22	X	35 - 143	05/22/15 11:53	05/28/15 22:52	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0071**	**J**	0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 11:59	1
Barium	**4.3**		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 11:59	1
Cadmium	**0.53**		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 11:59	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 11:59	1
Lead	**6.6**		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 11:59	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 11:59	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 11:59	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:35	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.83**		0.026	0.011	mg/Kg	☼	06/01/15 14:00	06/01/15 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	**20.0**		10	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			05/31/15 13:51	1
pH	**7.27**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 19
Date Collected: 05/19/15 11:30
Date Received: 05/20/15 02:30

Lab Sample ID: 480-80671-4
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 01:34	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 01:34	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 01:34	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 01:34	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 01:34	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 01:34	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 01:34	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 01:34	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 01:34	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 01:34	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*05/23/15 01:34*	*10*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/23/15 01:34*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/23/15 01:34*	*10*
Dibromofluoromethane (Surr)	*93*		*60 - 140*		*05/23/15 01:34*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 19:45	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 19:45	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 19:45	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 19:45	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 19:45	1
3-Methylphenol	**0.0045**	**J**	0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 19:45	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 19:45	1
4-Methylphenol	**0.0045**	**J**	0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 19:45	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 19:45	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 19:45	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 19:45	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 19:45	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*77*		*52 - 132*	*05/22/15 11:55*	*05/26/15 19:45*	*1*
2-Fluorobiphenyl	*67*		*48 - 120*	*05/22/15 11:55*	*05/26/15 19:45*	*1*
2-Fluorophenol	*37*		*20 - 120*	*05/22/15 11:55*	*05/26/15 19:45*	*1*
Nitrobenzene-d5	*77*		*46 - 120*	*05/22/15 11:55*	*05/26/15 19:45*	*1*
p-Terphenyl-d14	*96*		*67 - 150*	*05/22/15 11:55*	*05/26/15 19:45*	*1*
Phenol-d5	*28*		*16 - 120*	*05/22/15 11:55*	*05/26/15 19:45*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 12:10	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 12:10	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 12:10	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 12:10	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 12:10	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 12:10	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 12:10	1

Client Sample ID: West Monroe NY-Fortino Sample # 19

Lab Sample ID: 480-80671-4

Date Collected: 05/19/15 11:30

Matrix: Solid

Date Received: 05/20/15 02:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*20 - 120*	*05/22/15 12:02*	*05/23/15 12:10*	*1*
Tetrachloro-m-xylene	*63*		*36 - 120*	*05/22/15 12:02*	*05/23/15 12:10*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4800	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1221	ND		4800	2300	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1232	ND		4800	2900	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1242	**38000**		4800	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1248	ND		4800	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1254	**38000**		4800	2000	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100
Aroclor-1260	ND		4800	1300	ug/Kg	☼	05/29/15 07:39	06/02/15 12:17	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*514*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 12:17*	*100*
DCB Decachlorobiphenyl	*113*	*p*	*14 - 163*	*05/29/15 07:39*	*06/02/15 12:17*	*100*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/22/15 11:53	05/28/15 23:22	1
2,4-D	ND		0.0020	0.00040	mg/L		05/22/15 11:53	05/28/15 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*15*	*X*	*35 - 143*	*05/22/15 11:53*	*05/28/15 23:22*	*1*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 12:02	1
Barium	**6.4**		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 12:02	1
Cadmium	**0.51**		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 12:02	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 12:02	1
Lead	**5.5**		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 12:02	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 12:02	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 12:02	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:37	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**2.5**		0.27	0.11	mg/Kg	☼	06/01/15 14:00	06/01/15 16:52	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		9.9	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		9.9	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			05/31/15 13:51	1
pH	**7.63**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 11
Date Collected: 05/19/15 13:30
Date Received: 05/20/15 02:30

Lab Sample ID: 480-80671-5
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 01:57	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 01:57	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 01:57	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 01:57	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 01:57	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 01:57	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 01:57	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 01:57	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 01:57	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 01:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*05/23/15 01:57*	*10*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/23/15 01:57*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/23/15 01:57*	*10*
Dibromofluoromethane (Surr)	*94*		*60 - 140*		*05/23/15 01:57*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 20:11	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 20:11	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 20:11	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 20:11	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 20:11	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 20:11	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 20:11	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 20:11	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 20:11	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 20:11	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 20:11	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 20:11	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*82*		*52 - 132*	*05/22/15 11:55*	*05/26/15 20:11*	*1*
2-Fluorobiphenyl	*76*		*48 - 120*	*05/22/15 11:55*	*05/26/15 20:11*	*1*
2-Fluorophenol	*45*		*20 - 120*	*05/22/15 11:55*	*05/26/15 20:11*	*1*
Nitrobenzene-d5	*92*		*46 - 120*	*05/22/15 11:55*	*05/26/15 20:11*	*1*
p-Terphenyl-d14	*95*		*67 - 150*	*05/22/15 11:55*	*05/26/15 20:11*	*1*
Phenol-d5	*31*		*16 - 120*	*05/22/15 11:55*	*05/26/15 20:11*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 12:28	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 12:28	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 12:28	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 12:28	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 12:28	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 12:28	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 12:28	1

Client Sample ID: West Monroe NY-Fortino Sample # 11

Lab Sample ID: 480-80671-5
Matrix: Solid
Date Collected: 05/19/15 13:30
Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	55		20 - 120	05/22/15 12:02	05/23/15 12:28	1
Tetrachloro-m-xylene	68		36 - 120	05/22/15 12:02	05/23/15 12:28	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1221	ND		4300	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1232	ND		4300	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1242	**19000**	**p**	4300	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1248	ND		4300	1000	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1254	**22000**	**p**	4300	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100
Aroclor-1260	ND		4300	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 12:33	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	181	X	29 - 151	05/29/15 07:39	06/02/15 12:33	100
DCB Decachlorobiphenyl	87	p	14 - 163	05/29/15 07:39	06/02/15 12:33	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/22/15 11:53	05/28/15 23:52	1
2,4-D	ND		0.0020	0.00040	mg/L		05/22/15 11:53	05/28/15 23:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	16	X	35 - 143	05/22/15 11:53	05/28/15 23:52	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 12:05	1
Barium	**4.8**		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 12:05	1
Cadmium	**0.59**		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 12:05	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 12:05	1
Lead	**3.1**		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 12:05	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 12:05	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 12:05	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:38	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**3.5**		0.25	0.10	mg/Kg	☼	06/01/15 14:00	06/01/15 16:54	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			05/31/15 13:51	1
pH	**7.57**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 12
Date Collected: 05/19/15 14:40
Date Received: 05/20/15 02:30

Lab Sample ID: 480-80671-6
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 02:20	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 02:20	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 02:20	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 02:20	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 02:20	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 02:20	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 02:20	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 02:20	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 02:20	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 02:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*05/23/15 02:20*	*10*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/23/15 02:20*	*10*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*05/23/15 02:20*	*10*
Dibromofluoromethane (Surr)	*98*		*60 - 140*		*05/23/15 02:20*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 20:37	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 20:37	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 20:37	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 20:37	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 20:37	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 20:37	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 20:37	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 20:37	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 20:37	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 20:37	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 20:37	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 20:37	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*80*		*52 - 132*	*05/22/15 11:55*	*05/26/15 20:37*	*1*
2-Fluorobiphenyl	*76*		*48 - 120*	*05/22/15 11:55*	*05/26/15 20:37*	*1*
2-Fluorophenol	*43*		*20 - 120*	*05/22/15 11:55*	*05/26/15 20:37*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*05/22/15 11:55*	*05/26/15 20:37*	*1*
p-Terphenyl-d14	*98*		*67 - 150*	*05/22/15 11:55*	*05/26/15 20:37*	*1*
Phenol-d5	*30*		*16 - 120*	*05/22/15 11:55*	*05/26/15 20:37*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 13:20	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 13:20	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:20	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 13:20	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 13:20	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:20	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 13:20	1

Client Sample ID: West Monroe NY-Fortino Sample # 12

Lab Sample ID: 480-80671-6
Matrix: Solid
Date Collected: 05/19/15 14:40
Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	68		20 - 120	05/22/15 12:02	05/23/15 13:20	1
Tetrachloro-m-xylene	67		36 - 120	05/22/15 12:02	05/23/15 13:20	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1221	ND		4400	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1232	ND		4400	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1242	**26000**		4400	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1248	ND		4400	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1254	**21000**		4400	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100
Aroclor-1260	ND		4400	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 12:50	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	209	X	29 - 151	05/29/15 07:39	06/02/15 12:50	100
DCB Decachlorobiphenyl	503	p X	14 - 163	05/29/15 07:39	06/02/15 12:50	100

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/22/15 11:53	05/29/15 00:21	1
2,4-D	ND		0.0020	0.00040	mg/L		05/22/15 11:53	05/29/15 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	23	X	35 - 143	05/22/15 11:53	05/29/15 00:21	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 12:08	1
Barium	**5.2**		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 12:08	1
Cadmium	**0.57**		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 12:08	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 12:08	1
Lead	**3.4**		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 12:08	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 12:08	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 12:08	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:40	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**2.2**		0.24	0.099	mg/Kg	☼	06/01/15 14:00	06/01/15 16:56	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		9.9	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:09	1
Sulfide, Reactive	ND		9.9	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/01/15 14:43	1
pH	**7.28**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client Sample ID: West Monroe NY-Fortino Sample # 10

Lab Sample ID: 480-80671-7
Date Collected: 05/19/15 15:30
Matrix: Solid
Date Received: 05/20/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 02:43	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 02:43	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 02:43	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 02:43	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 02:43	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 02:43	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 02:43	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 02:43	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 02:43	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 02:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*05/23/15 02:43*	*10*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/23/15 02:43*	*10*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*05/23/15 02:43*	*10*
Dibromofluoromethane (Surr)	*94*		*60 - 140*		*05/23/15 02:43*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 21:04	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 21:04	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 21:04	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 21:04	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 21:04	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 21:04	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 21:04	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 21:04	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 21:04	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 21:04	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 21:04	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 21:04	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*71*		*52 - 132*	*05/22/15 11:55*	*05/26/15 21:04*	*1*
2-Fluorobiphenyl	*71*		*48 - 120*	*05/22/15 11:55*	*05/26/15 21:04*	*1*
2-Fluorophenol	*42*		*20 - 120*	*05/22/15 11:55*	*05/26/15 21:04*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*05/22/15 11:55*	*05/26/15 21:04*	*1*
p-Terphenyl-d14	*92*		*67 - 150*	*05/22/15 11:55*	*05/26/15 21:04*	*1*
Phenol-d5	*30*		*16 - 120*	*05/22/15 11:55*	*05/26/15 21:04*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 13:38	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 13:38	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:38	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 13:38	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 13:38	1
Methoxychlor	**0.00010**	**J**	0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:38	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 13:38	1

Client Sample ID: West Monroe NY-Fortino Sample # 10

Lab Sample ID: 480-80671-7
Matrix: Solid
Date Collected: 05/19/15 15:30
Date Received: 05/20/15 02:30

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*20 - 120*	*05/22/15 12:02*	*05/23/15 13:38*	*1*
Tetrachloro-m-xylene	*62*		*36 - 120*	*05/22/15 12:02*	*05/23/15 13:38*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4500	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1221	ND		4500	2200	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1232	ND		4500	2700	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1242	**27000**		4500	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1248	ND		4500	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1254	**51000**		4500	1900	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100
Aroclor-1260	ND		4500	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 13:06	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*259*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 13:06*	*100*
DCB Decachlorobiphenyl	*812*	*p X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 13:06*	*100*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/22/15 11:53	05/29/15 00:51	1
2,4-D	ND		0.0020	0.00040	mg/L		05/22/15 11:53	05/29/15 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*19*	*X*	*35 - 143*	*05/22/15 11:53*	*05/29/15 00:51*	*1*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 12:11	1
Barium	**3.7**		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 12:11	1
Cadmium	**0.72**		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 12:11	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 12:11	1
Lead	**4.2**		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 12:11	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 12:11	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 12:11	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:42	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**3.9**		0.25	0.10	mg/Kg	☼	06/01/15 14:00	06/01/15 16:58	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:11	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/01/15 14:43	1
pH	**7.05**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 01
Date Collected: 05/19/15 16:30
Date Received: 05/20/15 02:30

Lab Sample ID: 480-80671-8
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 03:06	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 03:06	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 03:06	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 03:06	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 03:06	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 03:06	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 03:06	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 03:06	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 03:06	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 03:06	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*05/23/15 03:06*	*10*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/23/15 03:06*	*10*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*05/23/15 03:06*	*10*
Dibromofluoromethane (Surr)	*95*		*60 - 140*		*05/23/15 03:06*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 21:30	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 21:30	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 21:30	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 21:30	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 21:30	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 21:30	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 21:30	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 21:30	1
Nitrobenzene	ND	*	0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 21:30	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 21:30	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 21:30	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 21:30	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*61*		*52 - 132*	*05/22/15 11:55*	*05/26/15 21:30*	*1*
2-Fluorobiphenyl	*73*		*48 - 120*	*05/22/15 11:55*	*05/26/15 21:30*	*1*
2-Fluorophenol	*41*		*20 - 120*	*05/22/15 11:55*	*05/26/15 21:30*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*05/22/15 11:55*	*05/26/15 21:30*	*1*
p-Terphenyl-d14	*92*		*67 - 150*	*05/22/15 11:55*	*05/26/15 21:30*	*1*
Phenol-d5	*30*		*16 - 120*	*05/22/15 11:55*	*05/26/15 21:30*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 13:55	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 13:55	1
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:55	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 13:55	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 13:55	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 13:55	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 13:55	1

Client Sample ID: West Monroe NY-Fortino Sample # 01

Lab Sample ID: 480-80671-8
Matrix: Solid
Date Collected: 05/19/15 16:30
Date Received: 05/20/15 02:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		20 - 120	05/22/15 12:02	05/23/15 13:55	1
Tetrachloro-m-xylene	62		36 - 120	05/22/15 12:02	05/23/15 13:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		710	260	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1221	ND		710	340	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1232	ND		710	430	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1242	**4300**		710	240	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1248	ND		710	170	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1254	**7700**		710	300	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20
Aroclor-1260	ND		710	190	ug/Kg	☼	05/29/15 07:39	06/02/15 13:22	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	118		29 - 151	05/29/15 07:39	06/02/15 13:22	20
DCB Decachlorobiphenyl	290	X	14 - 163	05/29/15 07:39	06/02/15 13:22	20

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/22/15 11:53	05/29/15 01:21	1
2,4-D	ND		0.0020	0.00040	mg/L		05/22/15 11:53	05/29/15 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	14	X	35 - 143	05/22/15 11:53	05/29/15 01:21	1

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 12:14	1
Barium	**0.72**	**J F1**	1.0	0.10	mg/L		05/22/15 11:55	05/26/15 12:14	1
Cadmium	**0.064**		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 12:14	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 12:14	1
Lead	**0.53**	**F1**	0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 12:14	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 12:14	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 12:14	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:47	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.84**		0.022	0.0087	mg/Kg	☼	06/01/15 14:00	06/01/15 16:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:15	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/01/15 14:43	1
pH	**7.38**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8260C - TCLP Volatiles

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
LCS 480-244230/4	Lab Control Sample	97	101	101	97
MB 480-244230/6	Method Blank	102	95	97	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-80671-1	West Monroe NY-Fortino Sampl	101	97	102	93
480-80671-1 MS	West Monroe NY-Fortino Sample # 20	99	101	98	99
480-80671-1 MSD	West Monroe NY-Fortino Sample # 20	97	98	98	99
480-80671-2	West Monroe NY-Fortino Sample # 21	100	95	98	97
480-80671-3	West Monroe NY-Fortino Sample # 29	100	96	98	95
480-80671-4	West Monroe NY-Fortino Sample # 19	103	98	99	93
480-80671-5	West Monroe NY-Fortino Sample # 11	100	97	99	94
480-80671-6	West Monroe NY-Fortino Sample # 12	104	96	98	98
480-80671-7	West Monroe NY-Fortino Sample # 10	103	96	97	94
480-80671-8	West Monroe NY-Fortino Sample # 01	102	96	97	95
LB 480-243880/1-A	Method Blank	102	97	101	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - TCLP Semivolatiles

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
LCS 480-244143/2-A	Lab Control Sample	88	67	46	94	98	34
LCSD 480-244143/3-A	Lab Control Sample Dup	89	80	51	71	96	37
MB 480-244143/1-A	Method Blank	44 X	72	43	65	92	31

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270D - TCLP Semivolatiles

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-80671-1	West Monroe NY-Fortino Sampl	71	59	31	58	78	23
480-80671-2	West Monroe NY-Fortino Sample # 21	75	67	40	74	87	28
480-80671-3	West Monroe NY-Fortino Sample # 29	78	75	42	86	96	30
480-80671-4	West Monroe NY-Fortino Sample # 19	77	67	37	77	96	28
480-80671-5	West Monroe NY-Fortino Sample # 11	82	76	45	92	95	31
480-80671-6	West Monroe NY-Fortino Sample # 12	80	76	43	88	98	30
480-80671-7	West Monroe NY-Fortino Sample # 10	71	71	42	83	92	30
480-80671-8	West Monroe NY-Fortino Sample # 01	61	73	41	83	92	30
LB 480-243878/1-D	Method Blank	79	65	38	73	95	22

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081B - TCLP Pesticides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(36-120)
LCS 480-244150/2-A	Lab Control Sample	49	74
LCSD 480-244150/3-A	Lab Control Sample Dup	39	78
MB 480-244150/1-A	Method Blank	43	77

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8081B - TCLP Pesticides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(36-120)
480-80671-1	West Monroe NY-Fortino Sampl	58	70
480-80671-2	West Monroe NY-Fortino Sample # 21	64	67
480-80671-3	West Monroe NY-Fortino Sample # 29	59	65
480-80671-4	West Monroe NY-Fortino Sample # 19	64	63
480-80671-5	West Monroe NY-Fortino Sample # 11	55	68
480-80671-6	West Monroe NY-Fortino Sample # 12	68	67
480-80671-7	West Monroe NY-Fortino Sample # 10	66	62
480-80671-8	West Monroe NY-Fortino Sample # 01	81	62
LB 480-243878/1-F	Method Blank	78	79

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(29-151)	(14-163)
480-80671-1	West Monroe NY-Fortino Sampl	399 X	291 p X
480-80671-2	West Monroe NY-Fortino Sample # 21	428 X	177 p X
480-80671-3	West Monroe NY-Fortino Sample # 29	406 X	126 p
480-80671-4	West Monroe NY-Fortino Sample # 19	514 X	113 p
480-80671-5	West Monroe NY-Fortino Sample # 11	181 X	87 p
480-80671-6	West Monroe NY-Fortino Sample # 12	209 X	503 p X
480-80671-7	West Monroe NY-Fortino Sample # 10	259 X	812 p X
480-80671-8	West Monroe NY-Fortino Sample # 01	118	290 X
LCS 240-182832/24-A	Lab Control Sample	75	108
MB 240-182832/23-A	Method Blank	60	96

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCPA1 (35-143)
LCS 480-244140/2-A	Lab Control Sample	99
LCSD 480-244140/3-A	Lab Control Sample Dup	101
MB 480-244140/1-A	Method Blank	100

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCPA1 (35-143)
480-80671-1	West Monroe NY-Fortino Sampl	25 X
480-80671-2	West Monroe NY-Fortino Sample # 21	25 X
480-80671-3	West Monroe NY-Fortino Sample # 29	22 X
480-80671-4	West Monroe NY-Fortino Sample # 19	15 X
480-80671-5	West Monroe NY-Fortino Sample # 11	16 X
480-80671-6	West Monroe NY-Fortino Sample # 12	23 X
480-80671-7	West Monroe NY-Fortino Sample # 10	19 X
480-80671-8	West Monroe NY-Fortino Sample # 01	14 X
LB 480-243878/1-C	Method Blank	31 X

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-244230/6
Matrix: Solid
Analysis Batch: 244230

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/22/15 22:29	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/22/15 22:29	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/22/15 22:29	1
Chloroform	ND		0.0010	0.00034	mg/L			05/22/15 22:29	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/22/15 22:29	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/22/15 22:29	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/22/15 22:29	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/22/15 22:29	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/22/15 22:29	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/22/15 22:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*05/22/15 22:29*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*05/22/15 22:29*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*05/22/15 22:29*	*1*
Dibromofluoromethane (Surr)	*95*		*60 - 140*		*05/22/15 22:29*	*1*

Lab Sample ID: LCS 480-244230/4
Matrix: Solid
Analysis Batch: 244230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0243		mg/L		97	71 - 124
Chlorobenzene	0.0250	0.0251		mg/L		100	72 - 120
1,2-Dichloroethane	0.0250	0.0228		mg/L		91	75 - 127
1,1-Dichloroethene	0.0250	0.0235		mg/L		94	58 - 121
Tetrachloroethene	0.0250	0.0263		mg/L		105	74 - 122
Trichloroethene	0.0250	0.0243		mg/L		97	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
Toluene-d8 (Surr)	*101*		*71 - 126*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*97*		*60 - 140*

Lab Sample ID: LB 480-243880/1-A
Matrix: Solid
Analysis Batch: 244230

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 00:03	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 00:03	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 00:03	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 00:03	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 00:03	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 00:03	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 00:03	10

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-243880/1-A
Matrix: Solid
Analysis Batch: 244230

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 00:03	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 00:03	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 00:03	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*05/23/15 00:03*	*10*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/23/15 00:03*	*10*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/23/15 00:03*	*10*
Dibromofluoromethane (Surr)	*98*		*60 - 140*		*05/23/15 00:03*	*10*

Lab Sample ID: 480-80671-1 MS
Matrix: Solid
Analysis Batch: 244230

Client Sample ID: West Monroe NY-Fortino Sample # 20
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.250	0.264		mg/L		106	71 - 124
Chlorobenzene	ND		0.250	0.254		mg/L		102	72 - 120
1,2-Dichloroethane	ND		0.250	0.233		mg/L		93	75 - 127
1,1-Dichloroethene	ND		0.250	0.251		mg/L		100	58 - 121
Tetrachloroethene	ND		0.250	0.269		mg/L		108	74 - 122
Trichloroethene	ND		0.250	0.253		mg/L		101	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*
Toluene-d8 (Surr)	*101*		*71 - 126*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: 480-80671-1 MSD
Matrix: Solid
Analysis Batch: 244230

Client Sample ID: West Monroe NY-Fortino Sample # 20
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		0.250	0.256		mg/L		103	71 - 124	3	13
Chlorobenzene	ND		0.250	0.245		mg/L		98	72 - 120	3	25
1,2-Dichloroethane	ND		0.250	0.227		mg/L		91	75 - 127	3	20
1,1-Dichloroethene	ND		0.250	0.237		mg/L		95	58 - 121	6	16
Tetrachloroethene	ND		0.250	0.254		mg/L		102	74 - 122	6	20
Trichloroethene	ND		0.250	0.245		mg/L		98	74 - 123	3	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
Toluene-d8 (Surr)	*98*		*71 - 126*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Method: 8270D - TCLP Semivolatiles

Lab Sample ID: MB 480-244143/1-A
Matrix: Solid
Analysis Batch: 244375

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244143

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		05/22/15 11:55	05/26/15 16:15	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		05/22/15 11:55	05/26/15 16:15	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		05/22/15 11:55	05/26/15 16:15	1
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		05/22/15 11:55	05/26/15 16:15	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		05/22/15 11:55	05/26/15 16:15	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		05/22/15 11:55	05/26/15 16:15	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		05/22/15 11:55	05/26/15 16:15	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		05/22/15 11:55	05/26/15 16:15	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		05/22/15 11:55	05/26/15 16:15	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		05/22/15 11:55	05/26/15 16:15	1
Pyridine	ND		0.0063	0.00010	mg/L		05/22/15 11:55	05/26/15 16:15	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		05/22/15 11:55	05/26/15 16:15	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		05/22/15 11:55	05/26/15 16:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*44*	*X*	*52 - 132*	*05/22/15 11:55*	*05/26/15 16:15*	*1*
2-Fluorobiphenyl	*72*		*48 - 120*	*05/22/15 11:55*	*05/26/15 16:15*	*1*
2-Fluorophenol	*43*		*20 - 120*	*05/22/15 11:55*	*05/26/15 16:15*	*1*
Nitrobenzene-d5	*65*		*46 - 120*	*05/22/15 11:55*	*05/26/15 16:15*	*1*
p-Terphenyl-d14	*92*		*67 - 150*	*05/22/15 11:55*	*05/26/15 16:15*	*1*
Phenol-d5	*31*		*16 - 120*	*05/22/15 11:55*	*05/26/15 16:15*	*1*

Lab Sample ID: LCS 480-244143/2-A
Matrix: Solid
Analysis Batch: 244375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244143

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dichlorobenzene			0.0500	0.0393		mg/L		79	32 - 120		
2,4-Dinitrotoluene			0.0500	0.0542		mg/L		108	65 - 154		
Hexachloroethane			0.0500	0.0402		mg/L		80	14 - 130		
Pentachlorophenol			0.100	0.0731		mg/L		73	39 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*88*		*52 - 132*
2-Fluorobiphenyl	*67*		*48 - 120*
2-Fluorophenol	*46*		*20 - 120*
Nitrobenzene-d5	*94*		*46 - 120*
p-Terphenyl-d14	*98*		*67 - 150*
Phenol-d5	*34*		*16 - 120*

Lab Sample ID: LCSD 480-244143/3-A
Matrix: Solid
Analysis Batch: 244375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 244143

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.0500	0.0401		mg/L		80	32 - 120	2	36
2,4-Dinitrotoluene			0.0500	0.0539		mg/L		108	65 - 154	0	20

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LCSD 480-244143/3-A
Matrix: Solid
Analysis Batch: 244375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 244143

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachloroethane			0.0500	0.0324		mg/L		65	14 - 130	21	46
Pentachlorophenol			0.100	0.0735		mg/L		74	39 - 136	1	37

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*89*		*52 - 132*
2-Fluorobiphenyl	*80*		*48 - 120*
2-Fluorophenol	*51*		*20 - 120*
Nitrobenzene-d5	*71*		*46 - 120*
p-Terphenyl-d14	*96*		*67 - 150*
Phenol-d5	*37*		*16 - 120*

Lab Sample ID: LB 480-243878/1-D
Matrix: Solid
Analysis Batch: 244375

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244143

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/22/15 11:55	05/26/15 17:34	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/22/15 11:55	05/26/15 17:34	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/22/15 11:55	05/26/15 17:34	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/22/15 11:55	05/26/15 17:34	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/22/15 11:55	05/26/15 17:34	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/22/15 11:55	05/26/15 17:34	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/22/15 11:55	05/26/15 17:34	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/22/15 11:55	05/26/15 17:34	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/22/15 11:55	05/26/15 17:34	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/22/15 11:55	05/26/15 17:34	1
Pyridine	ND		0.025	0.00041	mg/L		05/22/15 11:55	05/26/15 17:34	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/22/15 11:55	05/26/15 17:34	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/22/15 11:55	05/26/15 17:34	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*79*		*52 - 132*	*05/22/15 11:55*	*05/26/15 17:34*	*1*
2-Fluorobiphenyl	*65*		*48 - 120*	*05/22/15 11:55*	*05/26/15 17:34*	*1*
2-Fluorophenol	*38*		*20 - 120*	*05/22/15 11:55*	*05/26/15 17:34*	*1*
Nitrobenzene-d5	*73*		*46 - 120*	*05/22/15 11:55*	*05/26/15 17:34*	*1*
p-Terphenyl-d14	*95*		*67 - 150*	*05/22/15 11:55*	*05/26/15 17:34*	*1*
Phenol-d5	*22*		*16 - 120*	*05/22/15 11:55*	*05/26/15 17:34*	*1*

Method: 8081B - TCLP Pesticides

Lab Sample ID: MB 480-244150/1-A
Matrix: Solid
Analysis Batch: 244261

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		05/22/15 12:02	05/23/15 10:08	1
Chlordane (technical)	ND		0.00050	0.0000073	mg/L		05/22/15 12:02	05/23/15 10:08	1

Method: 8081B - TCLP Pesticides (Continued)

Lab Sample ID: MB 480-244150/1-A
Matrix: Solid
Analysis Batch: 244261

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244150

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	ND		0.000050	0.0000035	mg/L		05/22/15 12:02	05/23/15 10:08	1
Heptachlor	ND		0.000050	0.0000021	mg/L		05/22/15 12:02	05/23/15 10:08	1
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		05/22/15 12:02	05/23/15 10:08	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		05/22/15 12:02	05/23/15 10:08	1
Toxaphene	ND		0.00050	0.000030	mg/L		05/22/15 12:02	05/23/15 10:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*43*		*20 - 120*	*05/22/15 12:02*	*05/23/15 10:08*	*1*
Tetrachloro-m-xylene	*77*		*36 - 120*	*05/22/15 12:02*	*05/23/15 10:08*	*1*

Lab Sample ID: LCS 480-244150/2-A
Matrix: Solid
Analysis Batch: 244261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.000500	0.000405		mg/L		81	56 - 127
Endrin	0.000500	0.000442		mg/L		88	52 - 143
Heptachlor	0.000500	0.000418		mg/L		84	51 - 125
Heptachlor epoxide	0.000500	0.000430		mg/L		86	50 - 140
Methoxychlor	0.000500	0.000412		mg/L		82	50 - 151

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*49*		*20 - 120*
Tetrachloro-m-xylene	*74*		*36 - 120*

Lab Sample ID: LCSD 480-244150/3-A
Matrix: Solid
Analysis Batch: 244261

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 244150

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
gamma-BHC (Lindane)	0.000500	0.000412		mg/L		82	56 - 127	1	24
Endrin	0.000500	0.000451		mg/L		90	52 - 143	2	24
Heptachlor	0.000500	0.000426		mg/L		85	51 - 125	2	25
Heptachlor epoxide	0.000500	0.000438		mg/L		88	50 - 140	2	23
Methoxychlor	0.000500	0.000419		mg/L		84	50 - 151	2	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*39*		*20 - 120*
Tetrachloro-m-xylene	*78*		*36 - 120*

Lab Sample ID: LB 480-243878/1-F
Matrix: Solid
Analysis Batch: 244261

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244150

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	0.0000744	J	0.00020	0.0000060	mg/L		05/22/15 12:02	05/23/15 11:00	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/22/15 12:02	05/23/15 11:00	1

Method: 8081B - TCLP Pesticides (Continued)

Lab Sample ID: LB 480-243878/1-F
Matrix: Solid
Analysis Batch: 244261

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244150

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:00	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/22/15 12:02	05/23/15 11:00	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/22/15 12:02	05/23/15 11:00	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/22/15 12:02	05/23/15 11:00	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/22/15 12:02	05/23/15 11:00	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*78*		*20 - 120*	*05/22/15 12:02*	*05/23/15 11:00*	*1*
Tetrachloro-m-xylene	*79*		*36 - 120*	*05/22/15 12:02*	*05/23/15 11:00*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-182832/23-A
Matrix: Solid
Analysis Batch: 183251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*29 - 151*	*05/29/15 07:39*	*06/02/15 17:27*	*1*
DCB Decachlorobiphenyl	*96*		*14 - 163*	*05/29/15 07:39*	*06/02/15 17:27*	*1*

Lab Sample ID: LCS 240-182832/24-A
Matrix: Solid
Analysis Batch: 183251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182832

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			333	272		ug/Kg		82	62 - 120		
Aroclor-1260			333	330		ug/Kg		99	56 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*75*		*29 - 151*
DCB Decachlorobiphenyl	*108*		*14 - 163*

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-244140/1-A
Matrix: Solid
Analysis Batch: 244726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244140

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		05/22/15 11:53	05/27/15 18:01	1
2,4-D	ND		0.00050	0.00010	mg/L		05/22/15 11:53	05/27/15 18:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*100*		*35 - 143*	*05/22/15 11:53*	*05/27/15 18:01*	*1*

Lab Sample ID: LCS 480-244140/2-A
Matrix: Solid
Analysis Batch: 244726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244140

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Silvex (2,4,5-TP)			0.00200	0.00177		mg/L		89	49 - 167		
2,4-D			0.00200	0.00189		mg/L		94	36 - 179		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*99*		*35 - 143*

Lab Sample ID: LCSD 480-244140/3-A
Matrix: Solid
Analysis Batch: 244726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 244140

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silvex (2,4,5-TP)			0.00200	0.00183		mg/L		91	49 - 167	3	50
2,4-D			0.00200	0.00190		mg/L		95	36 - 179	1	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*101*		*35 - 143*

Lab Sample ID: LB 480-243878/1-C
Matrix: Solid
Analysis Batch: 244726

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244140

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/22/15 11:53	05/27/15 19:30	1
2,4-D	ND		0.0020	0.00040	mg/L		05/22/15 11:53	05/27/15 19:30	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*31*	*X*	*35 - 143*	*05/22/15 11:53*	*05/27/15 19:30*	*1*

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-244124/2-A
Matrix: Solid
Analysis Batch: 244610

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 11:40	1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: MB 480-244124/2-A
Matrix: Solid
Analysis Batch: 244610

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 11:40	1
Cadmium	ND		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 11:40	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 11:40	1
Lead	ND		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 11:40	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 11:40	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 11:40	1

Lab Sample ID: LCS 480-244124/3-A
Matrix: Solid
Analysis Batch: 244610

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.05		mg/L		105	80 - 120
Barium	1.00	0.924	J	mg/L		92	80 - 120
Cadmium	1.00	1.02		mg/L		102	80 - 120
Chromium	1.00	0.977		mg/L		98	80 - 120
Lead	1.00	1.01		mg/L		101	80 - 120
Selenium	1.00	1.11		mg/L		111	80 - 120
Silver	1.00	1.06		mg/L		106	80 - 120

Lab Sample ID: LB 480-243878/1-B
Matrix: Solid
Analysis Batch: 244610

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244124

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/22/15 11:55	05/26/15 11:37	1
Barium	ND		1.0	0.10	mg/L		05/22/15 11:55	05/26/15 11:37	1
Cadmium	ND		0.0020	0.00050	mg/L		05/22/15 11:55	05/26/15 11:37	1
Chromium	ND		0.020	0.010	mg/L		05/22/15 11:55	05/26/15 11:37	1
Lead	ND		0.020	0.0030	mg/L		05/22/15 11:55	05/26/15 11:37	1
Selenium	ND		0.025	0.0087	mg/L		05/22/15 11:55	05/26/15 11:37	1
Silver	ND		0.0060	0.0017	mg/L		05/22/15 11:55	05/26/15 11:37	1

Lab Sample ID: 480-80671-8 MS
Matrix: Solid
Analysis Batch: 244610

Client Sample ID: West Monroe NY-Fortino Sample # 01
Prep Type: TCLP
Prep Batch: 244124

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	0.838		mg/L		84	75 - 125
Barium	0.72	J F1	1.00	2.39	F1	mg/L		167	75 - 125
Cadmium	0.064		1.00	0.968		mg/L		90	75 - 125
Chromium	ND		1.00	0.764		mg/L		76	75 - 125
Lead	0.53	F1	1.00	1.99	F1	mg/L		146	75 - 125
Selenium	ND		1.00	0.876		mg/L		88	75 - 125
Silver	ND		1.00	0.855		mg/L		86	75 - 125

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: 480-80671-8 MSD — **Client Sample ID: West Monroe NY-Fortino Sample # 01**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 244610 — **Prep Batch: 244124**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	0.930		mg/L		93	75 - 125	10	20
Barium	0.72	J F1	1.00	2.64	F1	mg/L		192	75 - 125	10	20
Cadmium	0.064		1.00	1.07		mg/L		101	75 - 125	10	20
Chromium	ND		1.00	0.840		mg/L		84	75 - 125	9	20
Lead	0.53	F1	1.00	2.20	F1	mg/L		167	75 - 125	10	20
Selenium	ND		1.00	0.967		mg/L		97	75 - 125	10	20
Silver	ND		1.00	0.952		mg/L		95	75 - 125	11	20

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-244147/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244200 — **Prep Batch: 244147**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:29	1

Lab Sample ID: LCS 480-244147/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 244200 — **Prep Batch: 244147**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00612		mg/L		92	80 - 120

Lab Sample ID: LB 480-243878/1-E — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 244200 — **Prep Batch: 244147**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/22/15 12:00	05/22/15 14:27	1

Lab Sample ID: 480-80671-8 MS — **Client Sample ID: West Monroe NY-Fortino Sample # 01**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 244200 — **Prep Batch: 244147**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00572		mg/L		86	80 - 120

Lab Sample ID: 480-80671-8 MSD — **Client Sample ID: West Monroe NY-Fortino Sample # 01**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 244200 — **Prep Batch: 244147**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00595		mg/L		89	80 - 120	4	20

Method: 7471B - Mercury

Lab Sample ID: MB 480-245442/1-A
Matrix: Solid
Analysis Batch: 245602

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 245442

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0079	mg/Kg		06/01/15 14:00	06/01/15 15:20	1

Lab Sample ID: LCSSRM 480-245442/2-A
Matrix: Solid
Analysis Batch: 245602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 245442

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			3.98	3.25		mg/Kg		81.7	51.0 - 149.0		

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method

Lab Sample ID: LCS 480-245349/1
Matrix: Solid
Analysis Batch: 245349

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	82.00		Degrees F		101	97.5 - 102.5		

Lab Sample ID: LCS 480-245517/1
Matrix: Solid
Analysis Batch: 245517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	80.00		Degrees F		99	97.5 - 102.5		

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-244860/1-A
Matrix: Solid
Analysis Batch: 245031

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1

Lab Sample ID: LCS 480-244860/2-A
Matrix: Solid
Analysis Batch: 245031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244860

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Reactive			1000	480.0		mg/Kg		48	10 - 100		

Method: 9012 - Cyanide, Reactive (Continued)

Lab Sample ID: MB 480-245124/1-A
Matrix: Solid
Analysis Batch: 245541

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 245124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:03	1

Lab Sample ID: LCS 480-245124/2-A
Matrix: Solid
Analysis Batch: 245541

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 245124

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	423.8		mg/Kg		42	10 - 100

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-244863/1-A
Matrix: Solid
Analysis Batch: 245006

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Lab Sample ID: LCS 480-244863/2-A
Matrix: Solid
Analysis Batch: 245006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244863

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	541.0		mg/Kg		54	10 - 100

Lab Sample ID: MB 480-245126/1-A
Matrix: Solid
Analysis Batch: 245641

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 245126

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Lab Sample ID: LCS 480-245126/2-A
Matrix: Solid
Analysis Batch: 245641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 245126

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	681.3		mg/Kg		68	10 - 100

Method: 9045D - pH

Lab Sample ID: LCS 480-244042/1
Matrix: Solid
Analysis Batch: 244042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
pH	7.00	6.980		SU		100	99 - 101

Method: 9045D - pH (Continued)

Lab Sample ID: 480-80671-1 DU
Matrix: Solid
Analysis Batch: 244042

Client Sample ID: West Monroe NY-Fortino Sample # 20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.55	HF		7.520		SU				0.4	5

GC/MS VOA

Leach Batch: 243880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-1 MS	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-1 MSD	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	1311	
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	1311	
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	1311	
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	1311	
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	1311	
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	1311	
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
LB 480-243880/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 244230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8260C	243880
480-80671-1 MS	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8260C	243880
480-80671-1 MSD	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8260C	243880
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	8260C	243880
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	8260C	243880
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	8260C	243880
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	8260C	243880
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	8260C	243880
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	8260C	243880
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	8260C	243880
LB 480-243880/1-A	Method Blank	TCLP	Solid	8260C	243880
LCS 480-244230/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-244230/6	Method Blank	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 243878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	1311	
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	1311	
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	1311	
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	1311	
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	1311	
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	1311	
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
LB 480-243878/1-D	Method Blank	TCLP	Solid	1311	

Prep Batch: 244143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	3510C	243878
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	3510C	243878
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	3510C	243878
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	3510C	243878
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	3510C	243878
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	3510C	243878

GC/MS Semi VOA (Continued)

Prep Batch: 244143 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	3510C	243878
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	3510C	243878
LB 480-243878/1-D	Method Blank	TCLP	Solid	3510C	243878
LCS 480-244143/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-244143/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-244143/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 244375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8270D	244143
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	8270D	244143
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	8270D	244143
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	8270D	244143
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	8270D	244143
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	8270D	244143
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	8270D	244143
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	8270D	244143
LB 480-243878/1-D	Method Blank	TCLP	Solid	8270D	244143
LCS 480-244143/2-A	Lab Control Sample	Total/NA	Solid	8270D	244143
LCSD 480-244143/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	244143
MB 480-244143/1-A	Method Blank	Total/NA	Solid	8270D	244143

GC Semi VOA

Prep Batch: 182832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	3540C	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	3540C	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	3540C	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	3540C	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	3540C	
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	3540C	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	3540C	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	3540C	
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182832/23-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 183251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	8082A	182832
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	8082A	182832
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	8082A	182832
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	8082A	182832
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	8082A	182832
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	8082A	182832
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	8082A	182832
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	8082A	182832
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	8082A	182832
MB 240-182832/23-A	Method Blank	Total/NA	Solid	8082A	182832

GC Semi VOA (Continued)

Leach Batch: 243878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	1311	
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	1311	
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	1311	
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	1311	
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	1311	
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	1311	
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
LB 480-243878/1-C	Method Blank	TCLP	Solid	1311	
LB 480-243878/1-F	Method Blank	TCLP	Solid	1311	

Prep Batch: 244140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8151A	243878
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	8151A	243878
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	8151A	243878
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	8151A	243878
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	8151A	243878
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	8151A	243878
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	8151A	243878
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	8151A	243878
LB 480-243878/1-C	Method Blank	TCLP	Solid	8151A	243878
LCS 480-244140/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 480-244140/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
MB 480-244140/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 244150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	3510C	243878
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	3510C	243878
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	3510C	243878
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	3510C	243878
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	3510C	243878
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	3510C	243878
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	3510C	243878
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	3510C	243878
LB 480-243878/1-F	Method Blank	TCLP	Solid	3510C	243878
LCS 480-244150/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-244150/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-244150/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 244261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8081B	244150
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	8081B	244150
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	8081B	244150
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	8081B	244150
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	8081B	244150
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	8081B	244150
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	8081B	244150
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	8081B	244150

GC Semi VOA (Continued)

Analysis Batch: 244261 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-243878/1-F	Method Blank	TCLP	Solid	8081B	244150
LCS 480-244150/2-A	Lab Control Sample	Total/NA	Solid	8081B	244150
LCSD 480-244150/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	244150
MB 480-244150/1-A	Method Blank	Total/NA	Solid	8081B	244150

Analysis Batch: 244726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-243878/1-C	Method Blank	TCLP	Solid	8151	244140
LCS 480-244140/2-A	Lab Control Sample	Total/NA	Solid	8151	244140
LCSD 480-244140/3-A	Lab Control Sample Dup	Total/NA	Solid	8151	244140
MB 480-244140/1-A	Method Blank	Total/NA	Solid	8151	244140

Analysis Batch: 245111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	8151	244140
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	8151	244140
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	8151	244140
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	8151	244140
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	8151	244140
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	8151	244140
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	8151	244140
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	8151	244140

Metals

Leach Batch: 243878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	1311	
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	1311	
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	1311	
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	1311	
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	1311	
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	1311	
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	1311	
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
480-80671-8 MS	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
480-80671-8 MSD	West Monroe NY-Fortino Sample # 01	TCLP	Solid	1311	
LB 480-243878/1-B	Method Blank	TCLP	Solid	1311	
LB 480-243878/1-E	Method Blank	TCLP	Solid	1311	

Prep Batch: 244124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	3010A	243878
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	3010A	243878
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	3010A	243878
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	3010A	243878
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	3010A	243878
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	3010A	243878
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	3010A	243878
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	3010A	243878

Metals (Continued)

Prep Batch: 244124 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-8 MS	West Monroe NY-Fortino Sample # 01	TCLP	Solid	3010A	243878
480-80671-8 MSD	West Monroe NY-Fortino Sample # 01	TCLP	Solid	3010A	243878
LB 480-243878/1-B	Method Blank	TCLP	Solid	3010A	243878
LCS 480-244124/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-244124/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 244147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	7470A	243878
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	7470A	243878
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	7470A	243878
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	7470A	243878
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	7470A	243878
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	7470A	243878
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	7470A	243878
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	243878
480-80671-8 MS	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	243878
480-80671-8 MSD	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	243878
LB 480-243878/1-E	Method Blank	TCLP	Solid	7470A	243878
LCS 480-244147/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-244147/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 244200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	7470A	244147
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	7470A	244147
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	7470A	244147
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	7470A	244147
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	7470A	244147
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	7470A	244147
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	7470A	244147
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	244147
480-80671-8 MS	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	244147
480-80671-8 MSD	West Monroe NY-Fortino Sample # 01	TCLP	Solid	7470A	244147
LB 480-243878/1-E	Method Blank	TCLP	Solid	7470A	244147
LCS 480-244147/3-A	Lab Control Sample	Total/NA	Solid	7470A	244147
MB 480-244147/2-A	Method Blank	Total/NA	Solid	7470A	244147

Analysis Batch: 244610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	TCLP	Solid	6010C	244124
480-80671-2	West Monroe NY-Fortino Sample # 21	TCLP	Solid	6010C	244124
480-80671-3	West Monroe NY-Fortino Sample # 29	TCLP	Solid	6010C	244124
480-80671-4	West Monroe NY-Fortino Sample # 19	TCLP	Solid	6010C	244124
480-80671-5	West Monroe NY-Fortino Sample # 11	TCLP	Solid	6010C	244124
480-80671-6	West Monroe NY-Fortino Sample # 12	TCLP	Solid	6010C	244124
480-80671-7	West Monroe NY-Fortino Sample # 10	TCLP	Solid	6010C	244124
480-80671-8	West Monroe NY-Fortino Sample # 01	TCLP	Solid	6010C	244124
480-80671-8 MS	West Monroe NY-Fortino Sample # 01	TCLP	Solid	6010C	244124
480-80671-8 MSD	West Monroe NY-Fortino Sample # 01	TCLP	Solid	6010C	244124
LB 480-243878/1-B	Method Blank	TCLP	Solid	6010C	244124

Metals (Continued)

Analysis Batch: 244610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-244124/3-A	Lab Control Sample	Total/NA	Solid	6010C	244124
MB 480-244124/2-A	Method Blank	Total/NA	Solid	6010C	244124

Prep Batch: 245442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	7471B	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	7471B	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	7471B	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	7471B	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	7471B	
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	7471B	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	7471B	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	7471B	
LCSSRM 480-245442/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 480-245442/1-A	Method Blank	Total/NA	Solid	7471B	

Analysis Batch: 245602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	7471B	245442
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	7471B	245442
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	7471B	245442
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	7471B	245442
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	7471B	245442
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	7471B	245442
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	7471B	245442
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	7471B	245442
LCSSRM 480-245442/2-A	Lab Control Sample	Total/NA	Solid	7471B	245442
MB 480-245442/1-A	Method Blank	Total/NA	Solid	7471B	245442

General Chemistry

Analysis Batch: 243741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	Moisture	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	Moisture	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	Moisture	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	Moisture	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	Moisture	
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	Moisture	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	Moisture	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	Moisture	

Analysis Batch: 244042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	9045D	
480-80671-1 DU	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	9045D	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	9045D	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	9045D	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	9045D	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	9045D	

General Chemistry (Continued)

Analysis Batch: 244042 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	9045D	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	9045D	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	9045D	
LCS 480-244042/1	Lab Control Sample	Total/NA	Solid	9045D	

Prep Batch: 244860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	7.3.3	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	7.3.3	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	7.3.3	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	7.3.3	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	7.3.3	
LCS 480-244860/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-244860/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 244863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	7.3.4	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	7.3.4	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	7.3.4	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	7.3.4	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	7.3.4	
LCS 480-244863/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-244863/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 245006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	9034	244863
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	9034	244863
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	9034	244863
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	9034	244863
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	9034	244863
LCS 480-244863/2-A	Lab Control Sample	Total/NA	Solid	9034	244863
MB 480-244863/1-A	Method Blank	Total/NA	Solid	9034	244863

Analysis Batch: 245031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	9012	244860
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	9012	244860
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	9012	244860
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	9012	244860
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	9012	244860
LCS 480-244860/2-A	Lab Control Sample	Total/NA	Solid	9012	244860
MB 480-244860/1-A	Method Blank	Total/NA	Solid	9012	244860

Prep Batch: 245124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	7.3.3	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	7.3.3	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	7.3.3	
LCS 480-245124/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	

General Chemistry (Continued)

Prep Batch: 245124 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-245124/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 245126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	7.3.4	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	7.3.4	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	7.3.4	
LCS 480-245126/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-245126/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 245349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-1	West Monroe NY-Fortino Sample # 20	Total/NA	Solid	1010A	
480-80671-2	West Monroe NY-Fortino Sample # 21	Total/NA	Solid	1010A	
480-80671-3	West Monroe NY-Fortino Sample # 29	Total/NA	Solid	1010A	
480-80671-4	West Monroe NY-Fortino Sample # 19	Total/NA	Solid	1010A	
480-80671-5	West Monroe NY-Fortino Sample # 11	Total/NA	Solid	1010A	
LCS 480-245349/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 245517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	1010A	
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	1010A	
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	1010A	
LCS 480-245517/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 245541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	9012	245124
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	9012	245124
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	9012	245124
LCS 480-245124/2-A	Lab Control Sample	Total/NA	Solid	9012	245124
MB 480-245124/1-A	Method Blank	Total/NA	Solid	9012	245124

Analysis Batch: 245641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80671-6	West Monroe NY-Fortino Sample # 12	Total/NA	Solid	9034	245126
480-80671-7	West Monroe NY-Fortino Sample # 10	Total/NA	Solid	9034	245126
480-80671-8	West Monroe NY-Fortino Sample # 01	Total/NA	Solid	9034	245126
LCS 480-245126/2-A	Lab Control Sample	Total/NA	Solid	9034	245126
MB 480-245126/1-A	Method Blank	Total/NA	Solid	9034	245126

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 20

Lab Sample ID: 480-80671-1
Matrix: Solid
Date Collected: 05/19/15 08:20
Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 00:26	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 18:26	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 11:18	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 11:28	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/28/15 21:53	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 11:54	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:32	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245602	06/01/15 16:49	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 21

Lab Sample ID: 480-80671-2
Matrix: Solid
Date Collected: 05/19/15 09:15
Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 00:48	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 18:52	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 11:35	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 11:44	HMB	TAL CAN

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 21

Lab Sample ID: 480-80671-2
Matrix: Solid
Date Collected: 05/19/15 09:15
Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/28/15 22:23	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 11:56	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:33	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245602	06/01/15 16:50	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 29

Lab Sample ID: 480-80671-3
Matrix: Solid
Date Collected: 05/19/15 10:00
Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 01:11	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 19:19	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 11:53	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 12:01	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/28/15 22:52	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 11:59	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:35	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 29

Lab Sample ID: 480-80671-3
Date Collected: 05/19/15 10:00
Matrix: Solid
Date Received: 05/20/15 02:30
Percent Solids: 76.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		1	245602	06/01/15 15:51	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 19

Lab Sample ID: 480-80671-4
Date Collected: 05/19/15 11:30
Matrix: Solid
Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 01:34	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 19:45	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 12:10	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 12:17	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/28/15 23:22	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 12:02	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:37	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245602	06/01/15 16:52	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 11

Lab Sample ID: 480-80671-5
Date Collected: 05/19/15 13:30
Matrix: Solid
Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 01:57	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 20:11	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 12:28	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 12:33	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/28/15 23:52	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 12:05	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:38	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245602	06/01/15 16:54	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 12

Lab Sample ID: 480-80671-6
Date Collected: 05/19/15 14:40
Matrix: Solid
Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 02:20	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 20:37	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 13:20	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 12:50	HMB	TAL CAN

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 12

Lab Sample ID: 480-80671-6
Matrix: Solid
Date Collected: 05/19/15 14:40
Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/29/15 00:21	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 12:08	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:40	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245602	06/01/15 16:56	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:09	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 10

Lab Sample ID: 480-80671-7
Matrix: Solid
Date Collected: 05/19/15 15:30
Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 02:43	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 21:04	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 13:38	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 13:06	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/29/15 00:51	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 12:11	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:42	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Client Sample ID: West Monroe NY-Fortino Sample # 10

Lab Sample ID: 480-80671-7
Date Collected: 05/19/15 15:30
Matrix: Solid
Date Received: 05/20/15 02:30
Percent Solids: 74.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		10	245602	06/01/15 16:58	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:11	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 01

Lab Sample ID: 480-80671-8
Date Collected: 05/19/15 16:30
Matrix: Solid
Date Received: 05/20/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243880	05/21/15 11:28	JLS	TAL BUF
TCLP	Analysis	8260C		10	244230	05/23/15 03:06	LJF	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244143	05/22/15 11:55	GVF	TAL BUF
TCLP	Analysis	8270D		1	244375	05/26/15 21:30	LMW	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3510C			244150	05/22/15 12:02	GVF	TAL BUF
TCLP	Analysis	8081B		1	244261	05/23/15 13:55	JRL	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		20	183251	06/02/15 13:22	HMB	TAL CAN
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	8151A			244140	05/22/15 11:53	CPH	TAL BUF
TCLP	Analysis	8151		1	245111	05/29/15 01:21	JRL	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	3010A			244124	05/22/15 11:55	KJ1	TAL BUF
TCLP	Analysis	6010C		1	244610	05/26/15 12:14	AMH	TAL BUF
TCLP	Leach	1311			243878	05/21/15 11:24	JLS	TAL BUF
TCLP	Prep	7470A			244147	05/22/15 12:00	LRK	TAL BUF
TCLP	Analysis	7470A		1	244200	05/22/15 14:47	LRK	TAL BUF
Total/NA	Prep	7471B			245442	06/01/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		1	245602	06/01/15 16:04	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:15	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243741	05/20/15 22:42	CMK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
9012	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8270D	TCLP Semivolatiles	SW846	TAL BUF
8081B	TCLP Pesticides	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
8151	TCLP Herbicides	SW846	TAL BUF
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471B	Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9012	Cyanide, Reactive	SW846	TAL BUF
9034	Sulfide, Reactive	SW846	TAL BUF
9045D	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80671-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80671-1	West Monroe NY-Fortino Sample # 20	Solid	05/19/15 08:20	05/20/15 02:30
480-80671-2	West Monroe NY-Fortino Sample # 21	Solid	05/19/15 09:15	05/20/15 02:30
480-80671-3	West Monroe NY-Fortino Sample # 29	Solid	05/19/15 10:00	05/20/15 02:30
480-80671-4	West Monroe NY-Fortino Sample # 19	Solid	05/19/15 11:30	05/20/15 02:30
480-80671-5	West Monroe NY-Fortino Sample # 11	Solid	05/19/15 13:30	05/20/15 02:30
480-80671-6	West Monroe NY-Fortino Sample # 12	Solid	05/19/15 14:40	05/20/15 02:30
480-80671-7	West Monroe NY-Fortino Sample # 10	Solid	05/19/15 15:30	05/20/15 02:30
480-80671-8	West Monroe NY-Fortino Sample # 01	Solid	05/19/15 16:30	05/20/15 02:30

>>> Select a Laboratory <<<
TA - Buffalo, NY
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Tom Binsfeld	Site Contact: Tom Binsfeld	Date: 5/19/15	COC No:
MJ Engineering & Land Surveying	Tel/Fax: 518-577-9959 (cell)	Lab Contact: A. Massa	Carrier:	____ of ____ COCs
1533 Crescent Rd	Analysis Turnaround Time			Sampler:
Clifton Park, NY 12065	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
(518) 370-0799 Phone	TAT if different from Below ____			Walk-in Client:
(518) 371-0822 FAX	☑ 2 weeks			Lab Sampling:
Project Name: Fortino Tire Site Investigation	☐ 1 week			
Site: Fortino Tire Site Investigation	☐ 2 days			Job / SDG No.:
P O # (Project # 915.06)	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 20	5/19	820	C	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 21	5/19	915	C	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 29	5/19	1000	C	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 19	5/19	1130	C	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 11	5/19	1330	C	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 12	5/19	1440	C	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 10	5/19	1530	C	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY Fortino Sample # 1	5/19	1630	C	Soil	6			X	X	X	X	X	X	X	X	X	X	X	

480-80671 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____

	Company	Date/Time		Company	Date/Time
Relinquished by:	MJ Engineering	5/19 1815	Received by:	STL	5/19/15 1849
Relinquished by:	STL	5/20 1000	Received by:	TNO	20MAY15 0230
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

0.6, 0.8 #1

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6/4/2015

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80671-1

Login Number: 80671

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	MJ ENGINEERING
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-80997-2
Client Project/Site: Characterization Sample -West Monroe, NY

For:
MJ Engineering & Land Surveying PC
1533 Crescent Road
Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld

Authorized for release by:
6/16/2015 2:57:17 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Job ID: 480-80997-2

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-80997-2

Receipt
The samples were received on 5/27/2015 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.0º C and 3.2º C.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Client Sample ID: West Monroe NY_Fortino Sample #51 **Lab Sample ID: 480-80997-1**

Analyte	Result	Qualifier	NONE	NONE	Unit	Dil Fac	D	Method	Prep Type
Density	1.919				g/mL	1		SM 2710F	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Client Sample ID: West Monroe NY_Fortino Sample #51
Date Collected: 05/26/15 10:15
Date Received: 05/27/15 09:15

Lab Sample ID: 480-80997-1
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Density	1.919				g/mL			06/15/15 18:06	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Method: SM 2710F - Specific Gravity, Density

Lab Sample ID: MB 680-387716/1
Matrix: Solid
Analysis Batch: 387716

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Density	0.998				g/mL			06/15/15 18:06	1

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

General Chemistry

Analysis Batch: 387716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	SM 2710F	
MB 680-387716/1	Method Blank	Total/NA	Solid	SM 2710F	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Client Sample ID: West Monroe NY_Fortino Sample #51
Date Collected: 05/26/15 10:15
Date Received: 05/27/15 09:15

Lab Sample ID: 480-80997-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2710F		1	387716	06/15/15 18:06	LBH	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-17
A2LA	ISO/IEC 17025		399.01	02-28-17
Alabama	State Program	4	41450	06-30-15 *
Arkansas DEQ	State Program	6	88-0692	01-31-16
California	State Program	9	2939	07-31-15
Colorado	State Program	8	N/A	12-31-15
Connecticut	State Program	1	PH-0161	03-31-17
Florida	NELAP	4	E87052	06-30-15 *
GA Dept. of Agriculture	State Program	4	N/A	06-12-17
Georgia	State Program	4	N/A	06-30-16
Guam	State Program	9	14-004r	04-16-16
Hawaii	State Program	9	N/A	06-30-15 *
Illinois	NELAP	5	200022	11-30-15
Indiana	State Program	5	N/A	06-30-15 *
Iowa	State Program	7	353	07-01-15 *
Kentucky (DW)	State Program	4	90084	12-31-15
Kentucky (UST)	State Program	4	18	06-30-15 *
Kentucky (WW)	State Program	4	90084	12-31-15
Louisiana	NELAP	6	30690	06-30-15 *
Louisiana (DW)	NELAP	6	LA150014	12-31-15
Maine	State Program	1	GA00006	09-24-16
Maryland	State Program	3	250	12-31-15
Massachusetts	State Program	1	M-GA006	06-30-15 *
Michigan	State Program	5	9925	06-30-15 *
Mississippi	State Program	4	N/A	06-30-15 *
Montana	State Program	8	CERT0081	12-31-15
Nebraska	State Program	7	TestAmerica-Savannah	06-30-15 *
New Jersey	NELAP	2	GA769	06-30-15 *
New Mexico	State Program	6	N/A	06-30-15 *
New York	NELAP	2	10842	03-31-16
North Carolina (DW)	State Program	4	13701	07-31-15
North Carolina (WW/SW)	State Program	4	269	12-31-15
Oklahoma	State Program	6	9984	08-31-15
Pennsylvania	NELAP	3	68-00474	06-30-15 *
Puerto Rico	State Program	2	GA00006	12-31-15
South Carolina	State Program	4	98001	06-30-15 *
Tennessee	State Program	4	TN02961	06-30-15 *
Texas	NELAP	6	T104704185-14-7	11-30-15
USDA	Federal		SAV 3-04	06-11-17
Virginia	NELAP	3	460161	06-14-16
Washington	State Program	10	C805	06-10-16
West Virginia (DW)	State Program	3	9950C	12-31-15
West Virginia DEP	State Program	3	094	06-30-15 *

* Certification renewal pending - certification considered valid.

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Laboratory: TestAmerica Savannah (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Wisconsin	State Program	5	999819810	08-31-15
Wyoming	State Program	8	8TMS-L	06-30-15 *

* Certification renewal pending - certification considered valid.

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Method	Method Description	Protocol	Laboratory
SM 2710F	Specific Gravity, Density	SM	TAL SAV

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80997-1	West Monroe NY_Fortino Sample #51	Solid	05/26/15 10:15	05/27/15 09:15

>>> Select a Laboratory <<<
TA - Buffalo, NY
#N/A
#N/A
#N/A

Chain of Custody Record

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Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Tom Binsfeld	Site Contact: Tom Binsfeld	Date: 10/26/15	COC No: 1 of 1 COCs
MJ Engineering & Land Surveying	Tel/Fax: 518-577-9959 (cell)	Lab Contact: A. Massa	Carrier:	Sampler:
1533 Crescent Rd	Analysis Turnaround Time			For Lab Use Only:
Clifton Park, NY 12065	☐ CALENDAR DAYS ☑ WORKING DAYS			Walk-in Client:
(518) 370-0799 Phone	TAT if different from Below _____			Lab Sampling:
(518) 371-0822 FAX	☑ 2 weeks			
Project Name: Fortino Tire Site Investigation	☐ 1 week			Job / SDG No.:
Site: Fortino Tire Site Investigation	☐ 2 days			
P O # (Project # 915.06)	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	8082 (PCBs)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 51	5/26	1015	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 52	5/26	1100	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 4	5/26	1145	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 3	5/26	1330	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 35	5/26	1410	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 7	5/26	1435	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 17	5/26	1525	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
Fortino # 34	5/26	1610	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

480-80997 Chain of Custody

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if s

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.:
Relinquished by:	Company: MJ Engineering	Date/Time: 5/26 1730	Received by:	Company: SRV	Date/Time: 5/26/15 1730
Relinquished by:	Company: SRV 5-26-15	Date/Time: 19:00	Received by: Carmen Wallace	Company: TAB	Date/Time: 5/27/15 9:15
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

FT1 3.2, 3.0

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

6/16/2015

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80997-2

Login Number: 80997
List Number: 1
Creator: Williams, Christopher S

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	MJ ENGINEERING
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80997-2

Login Number: 80997
List Number: 3
Creator: McDonald, Debbie A

List Source: TestAmerica Savannah
List Creation: 06/11/15 04:07 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.		
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time.		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Residual Chlorine Checked.		

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-80567-1
Client Project/Site: Characterization Sample -West Monroe, NY

For:
MJ Engineering & Land Surveying PC
1533 Crescent Road
Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld

Authorized for release by:
6/3/2015 10:30:23 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-80567-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-80567-1

Receipt
The samples were received on 5/19/2015 2:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.3º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY-Fortino Sample # 14 (480-80567-1), West Monroe NY-Fortino Sample # 13 (480-80567-2), West Monroe NY-Fortino Sample # 06 (480-80567-3), West Monroe NY-Fortino Sample # 05 (480-80567-4) and (LB 480-243589/1-A). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-244233 recovered above the upper control limit for Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: West Monroe NY-Fortino Sample # 14 (480-80567-1), West Monroe NY-Fortino Sample # 13 (480-80567-2), West Monroe NY-Fortino Sample # 06 (480-80567-3) and West Monroe NY-Fortino Sample # 05 (480-80567-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for leach batch 480-243590 and preparation batch 480-243934 recovered outside control limits for the following analytes: Pyridine.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8081B: The following sample was diluted due to the nature of the sample matrix: West Monroe NY-Fortino Sample # 06 (480-80567-3). Elevated reporting limits (RLs) are provided.

Method(s) 8081B: The continuing calibration verification (CCV) associated with batch 244047 recovered above the upper control limit for Chlordane (technical) and Toxaphene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8151A: Surrogate recovery for the following samples were outside control limits: West Monroe NY-Fortino Sample # 14 (480-80567-1, West Monroe NY-Fortino Sample # 06 (480-80567-3), West Monroe NY-Fortino Sample # 05 (480-80567-4) and (LB 480-243590/1-D). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide derivatization of the free acid components.

Method(s) 8082A: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample # 14 (480-80567-1). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY-Fortino Sample # 14 (480-80567-1) and West Monroe NY-Fortino Sample # 13 (480-80567-2). Reagents:2022870,1848563 and 1931923

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method(s) 9045C, 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The

Job ID: 480-80567-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: West Monroe NY-Fortino Sample # 14 (480-80567-1), West Monroe NY-Fortino Sample # 13 (480-80567-2), West Monroe NY-Fortino Sample # 06 (480-80567-3) and West Monroe NY-Fortino Sample # 05 (480-80567-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 243934.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with 243939.

Method(s) 8151A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with extraction batch 243802.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 14 — Lab Sample ID: 480-80567-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	19000		3900	1300	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	13000		3900	1600	ug/Kg	100	☼	8082A	Total/NA
Barium	3.0		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.46		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.9		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.98		0.22	0.091	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.17	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 13 — Lab Sample ID: 480-80567-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.0040	J	0.010	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.0040	J	0.010	0.00036	mg/L	1		8270D	TCLP
Endrin	0.00014	J	0.00020	0.000014	mg/L	1		8081B	TCLP
Heptachlor epoxide	0.000044	J	0.00020	0.0000053	mg/L	1		8081B	TCLP
Methoxychlor	0.000056	J	0.00020	0.000014	mg/L	1		8081B	TCLP
Aroclor-1242	30000		4300	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	44000		4300	1800	ug/Kg	100	☼	8082A	Total/NA
Barium	4.4		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.40		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.8		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	2.9		0.25	0.10	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.00	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 06 — Lab Sample ID: 480-80567-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.019		0.010	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.019		0.010	0.00036	mg/L	1		8270D	TCLP
Aroclor-1242	92000		43000	14000	ug/Kg	1000	☼	8082A	Total/NA
Aroclor-1254	240000		43000	18000	ug/Kg	1000	☼	8082A	Total/NA
Barium	5.2		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	1.1		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	6.6		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	11.9		1.3	0.53	mg/Kg	50	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.44	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample # 05 — Lab Sample ID: 480-80567-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.032		0.010	0.00040	mg/L	1		8270D	TCLP
2-Methylphenol	0.0026	J	0.0050	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.032		0.010	0.00036	mg/L	1		8270D	TCLP
gamma-BHC (Lindane)	0.000049	J	0.00020	0.0000060	mg/L	1		8081B	TCLP

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: West Monroe NY-Fortino Sample # 05 (Continued)

Lab Sample ID: 480-80567-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Endrin	0.000079	J	0.00020	0.000014	mg/L	1		8081B	TCLP
Aroclor-1242	100000		21000	7200	ug/Kg	500	☼	8082A	Total/NA
Aroclor-1254	93000		21000	9100	ug/Kg	500	☼	8082A	Total/NA
Barium	6.2		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.70		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	4.6		0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	5.7		0.27	0.11	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.48	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: West Monroe NY-Fortino Sample # 14
Date Collected: 05/18/15 12:10
Date Received: 05/19/15 02:05

Lab Sample ID: 480-80567-1
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 01:24	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 01:24	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 01:24	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 01:24	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 01:24	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 01:24	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 01:24	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 01:24	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 01:24	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 01:24	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*05/23/15 01:24*	*10*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/23/15 01:24*	*10*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/23/15 01:24*	*10*
Dibromofluoromethane (Surr)	*97*		*60 - 140*		*05/23/15 01:24*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/21/15 14:49	05/22/15 13:47	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/21/15 14:49	05/22/15 13:47	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/21/15 14:49	05/22/15 13:47	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/21/15 14:49	05/22/15 13:47	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/21/15 14:49	05/22/15 13:47	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/21/15 14:49	05/22/15 13:47	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/21/15 14:49	05/22/15 13:47	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/21/15 14:49	05/22/15 13:47	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/21/15 14:49	05/22/15 13:47	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/21/15 14:49	05/22/15 13:47	1
Pyridine	ND	*	0.025	0.00041	mg/L		05/21/15 14:49	05/22/15 13:47	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/21/15 14:49	05/22/15 13:47	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/21/15 14:49	05/22/15 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*83*		*52 - 132*	*05/21/15 14:49*	*05/22/15 13:47*	*1*
2-Fluorobiphenyl	*82*		*48 - 120*	*05/21/15 14:49*	*05/22/15 13:47*	*1*
2-Fluorophenol	*44*		*20 - 120*	*05/21/15 14:49*	*05/22/15 13:47*	*1*
Nitrobenzene-d5	*71*		*46 - 120*	*05/21/15 14:49*	*05/22/15 13:47*	*1*
p-Terphenyl-d14	*90*		*67 - 150*	*05/21/15 14:49*	*05/22/15 13:47*	*1*
Phenol-d5	*33*		*16 - 120*	*05/21/15 14:49*	*05/22/15 13:47*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/21/15 15:01	05/22/15 14:33	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/21/15 15:01	05/22/15 14:33	1
Endrin	ND		0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:33	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/21/15 15:01	05/22/15 14:33	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/21/15 15:01	05/22/15 14:33	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:33	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/21/15 15:01	05/22/15 14:33	1

Client Sample ID: West Monroe NY-Fortino Sample # 14

Lab Sample ID: 480-80567-1
Date Collected: 05/18/15 12:10
Matrix: Solid
Date Received: 05/19/15 02:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*52*		*20 - 120*	*05/21/15 15:01*	*05/22/15 14:33*	*1*
Tetrachloro-m-xylene	*63*		*36 - 120*	*05/21/15 15:01*	*05/22/15 14:33*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3900	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1221	ND		3900	1900	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1232	ND		3900	2300	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1242	**19000**		3900	1300	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1248	ND		3900	940	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1254	**13000**		3900	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100
Aroclor-1260	ND		3900	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 15:49	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*214*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 15:49*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 15:49*	*100*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/21/15 13:54	05/27/15 16:32	1
2,4-D	ND		0.0020	0.00040	mg/L		05/21/15 13:54	05/27/15 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*33*	*X*	*35 - 143*	*05/21/15 13:54*	*05/27/15 16:32*	*1*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/21/15 11:50	05/22/15 16:21	1
Barium	**3.0**		1.0	0.10	mg/L		05/21/15 11:50	05/22/15 16:21	1
Cadmium	**0.46**		0.0020	0.00050	mg/L		05/21/15 11:50	05/22/15 16:21	1
Chromium	ND		0.020	0.010	mg/L		05/21/15 11:50	05/22/15 16:21	1
Lead	**1.9**		0.020	0.0030	mg/L		05/21/15 11:50	05/22/15 16:21	1
Selenium	ND		0.025	0.0087	mg/L		05/21/15 11:50	05/22/15 16:21	1
Silver	ND		0.0060	0.0017	mg/L		05/21/15 11:50	05/22/15 16:21	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/15 12:30	05/21/15 15:59	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.98**		0.22	0.091	mg/Kg	☼	05/29/15 12:50	05/29/15 15:39	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			05/28/15 15:14	1
pH	**7.17**	**HF**	0.100	0.100	SU			05/19/15 10:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 13
Date Collected: 05/18/15 13:20
Date Received: 05/19/15 02:05

Lab Sample ID: 480-80567-2
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 01:48	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 01:48	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 01:48	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 01:48	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 01:48	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 01:48	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 01:48	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 01:48	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 01:48	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 01:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*05/23/15 01:48*	*10*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/23/15 01:48*	*10*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*05/23/15 01:48*	*10*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*05/23/15 01:48*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/21/15 14:49	05/22/15 14:13	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/21/15 14:49	05/22/15 14:13	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/21/15 14:49	05/22/15 14:13	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/21/15 14:49	05/22/15 14:13	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/21/15 14:49	05/22/15 14:13	1
3-Methylphenol	**0.0040**	**J**	0.010	0.00040	mg/L		05/21/15 14:49	05/22/15 14:13	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/21/15 14:49	05/22/15 14:13	1
4-Methylphenol	**0.0040**	**J**	0.010	0.00036	mg/L		05/21/15 14:49	05/22/15 14:13	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/21/15 14:49	05/22/15 14:13	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/21/15 14:49	05/22/15 14:13	1
Pyridine	ND	*	0.025	0.00041	mg/L		05/21/15 14:49	05/22/15 14:13	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/21/15 14:49	05/22/15 14:13	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/21/15 14:49	05/22/15 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*81*		*52 - 132*	*05/21/15 14:49*	*05/22/15 14:13*	*1*
2-Fluorobiphenyl	*71*		*48 - 120*	*05/21/15 14:49*	*05/22/15 14:13*	*1*
2-Fluorophenol	*36*		*20 - 120*	*05/21/15 14:49*	*05/22/15 14:13*	*1*
Nitrobenzene-d5	*67*		*46 - 120*	*05/21/15 14:49*	*05/22/15 14:13*	*1*
p-Terphenyl-d14	*85*		*67 - 150*	*05/21/15 14:49*	*05/22/15 14:13*	*1*
Phenol-d5	*26*		*16 - 120*	*05/21/15 14:49*	*05/22/15 14:13*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/21/15 15:01	05/22/15 14:50	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/21/15 15:01	05/22/15 14:50	1
Endrin	**0.00014**	**J**	0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:50	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/21/15 15:01	05/22/15 14:50	1
Heptachlor epoxide	**0.000044**	**J**	0.00020	0.0000053	mg/L		05/21/15 15:01	05/22/15 14:50	1
Methoxychlor	**0.000056**	**J**	0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:50	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/21/15 15:01	05/22/15 14:50	1

Client Sample ID: West Monroe NY-Fortino Sample # 13

Lab Sample ID: 480-80567-2
Matrix: Solid
Date Collected: 05/18/15 13:20
Date Received: 05/19/15 02:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*20 - 120*	*05/21/15 15:01*	*05/22/15 14:50*	*1*
Tetrachloro-m-xylene	*60*		*36 - 120*	*05/21/15 15:01*	*05/22/15 14:50*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1221	ND		4300	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1232	ND		4300	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1242	**30000**		4300	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1248	ND		4300	1000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1254	**44000**		4300	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100
Aroclor-1260	ND		4300	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 16:05	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*380*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 16:05*	*100*
DCB Decachlorobiphenyl	*390*	*p X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 16:05*	*100*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/21/15 13:54	05/27/15 06:39	1
2,4-D	ND		0.0020	0.00040	mg/L		05/21/15 13:54	05/27/15 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*35*		*35 - 143*	*05/21/15 13:54*	*05/27/15 06:39*	*1*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/21/15 11:50	05/22/15 16:36	1
Barium	**4.4**		1.0	0.10	mg/L		05/21/15 11:50	05/22/15 16:36	1
Cadmium	**0.40**		0.0020	0.00050	mg/L		05/21/15 11:50	05/22/15 16:36	1
Chromium	ND		0.020	0.010	mg/L		05/21/15 11:50	05/22/15 16:36	1
Lead	**1.8**		0.020	0.0030	mg/L		05/21/15 11:50	05/22/15 16:36	1
Selenium	ND		0.025	0.0087	mg/L		05/21/15 11:50	05/22/15 16:36	1
Silver	ND		0.0060	0.0017	mg/L		05/21/15 11:50	05/22/15 16:36	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/15 12:30	05/21/15 16:06	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**2.9**		0.25	0.10	mg/Kg	☼	05/29/15 12:50	05/29/15 15:41	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			05/28/15 15:14	1
pH	**7.00**	**HF**	0.100	0.100	SU			05/19/15 10:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 06
Date Collected: 05/18/15 14:05
Date Received: 05/19/15 02:05

Lab Sample ID: 480-80567-3
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 02:12	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 02:12	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 02:12	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 02:12	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 02:12	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 02:12	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 02:12	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 02:12	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 02:12	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 02:12	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*05/23/15 02:12*	*10*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/23/15 02:12*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/23/15 02:12*	*10*
Dibromofluoromethane (Surr)	*98*		*60 - 140*		*05/23/15 02:12*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/21/15 14:49	05/22/15 14:39	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/21/15 14:49	05/22/15 14:39	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/21/15 14:49	05/22/15 14:39	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/21/15 14:49	05/22/15 14:39	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/21/15 14:49	05/22/15 14:39	1
3-Methylphenol	**0.019**		0.010	0.00040	mg/L		05/21/15 14:49	05/22/15 14:39	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/21/15 14:49	05/22/15 14:39	1
4-Methylphenol	**0.019**		0.010	0.00036	mg/L		05/21/15 14:49	05/22/15 14:39	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/21/15 14:49	05/22/15 14:39	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/21/15 14:49	05/22/15 14:39	1
Pyridine	ND	*	0.025	0.00041	mg/L		05/21/15 14:49	05/22/15 14:39	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/21/15 14:49	05/22/15 14:39	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/21/15 14:49	05/22/15 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*52 - 132*	*05/21/15 14:49*	*05/22/15 14:39*	*1*
2-Fluorobiphenyl	*78*		*48 - 120*	*05/21/15 14:49*	*05/22/15 14:39*	*1*
2-Fluorophenol	*42*		*20 - 120*	*05/21/15 14:49*	*05/22/15 14:39*	*1*
Nitrobenzene-d5	*66*		*46 - 120*	*05/21/15 14:49*	*05/22/15 14:39*	*1*
p-Terphenyl-d14	*85*		*67 - 150*	*05/21/15 14:49*	*05/22/15 14:39*	*1*
Phenol-d5	*30*		*16 - 120*	*05/21/15 14:49*	*05/22/15 14:39*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00040	0.000012	mg/L		05/21/15 15:01	05/22/15 15:08	2
Chlordane (technical)	ND		0.0040	0.000058	mg/L		05/21/15 15:01	05/22/15 15:08	2
Endrin	ND		0.00040	0.000028	mg/L		05/21/15 15:01	05/22/15 15:08	2
Heptachlor	ND		0.00040	0.000017	mg/L		05/21/15 15:01	05/22/15 15:08	2
Heptachlor epoxide	ND		0.00040	0.000011	mg/L		05/21/15 15:01	05/22/15 15:08	2
Methoxychlor	ND		0.00040	0.000028	mg/L		05/21/15 15:01	05/22/15 15:08	2
Toxaphene	ND		0.0040	0.00024	mg/L		05/21/15 15:01	05/22/15 15:08	2

Client Sample ID: West Monroe NY-Fortino Sample # 06

Lab Sample ID: 480-80567-3

Date Collected: 05/18/15 14:05

Matrix: Solid

Date Received: 05/19/15 02:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*42*		*20 - 120*	*05/21/15 15:01*	*05/22/15 15:08*	*2*
Tetrachloro-m-xylene	*68*		*36 - 120*	*05/21/15 15:01*	*05/22/15 15:08*	*2*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		43000	16000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1221	ND		43000	21000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1232	ND		43000	26000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1242	**92000**		43000	14000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1248	ND		43000	10000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1254	**240000**		43000	18000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000
Aroclor-1260	ND		43000	12000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:22	1000

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 16:22*	*1000*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 16:22*	*1000*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/21/15 13:54	05/27/15 07:09	1
2,4-D	ND		0.0020	0.00040	mg/L		05/21/15 13:54	05/27/15 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*27*	*X*	*35 - 143*	*05/21/15 13:54*	*05/27/15 07:09*	*1*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/21/15 11:50	05/22/15 16:40	1
Barium	**5.2**		1.0	0.10	mg/L		05/21/15 11:50	05/22/15 16:40	1
Cadmium	**1.1**		0.0020	0.00050	mg/L		05/21/15 11:50	05/22/15 16:40	1
Chromium	ND		0.020	0.010	mg/L		05/21/15 11:50	05/22/15 16:40	1
Lead	**6.6**		0.020	0.0030	mg/L		05/21/15 11:50	05/22/15 16:40	1
Selenium	ND		0.025	0.0087	mg/L		05/21/15 11:50	05/22/15 16:40	1
Silver	ND		0.0060	0.0017	mg/L		05/21/15 11:50	05/22/15 16:40	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/15 12:30	05/21/15 16:07	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**11.9**		1.3	0.53	mg/Kg	☼	05/29/15 12:50	05/29/15 16:06	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			05/31/15 13:51	1
pH	**7.44**	**HF**	0.100	0.100	SU			05/19/15 10:30	1

Client Sample ID: West Monroe NY-Fortino Sample # 05
Lab Sample ID: 480-80567-4
Date Collected: 05/18/15 16:00
Matrix: Solid
Date Received: 05/19/15 02:05

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 02:36	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 02:36	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 02:36	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 02:36	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 02:36	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 02:36	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 02:36	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 02:36	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 02:36	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 02:36	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*05/23/15 02:36*	*10*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/23/15 02:36*	*10*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/23/15 02:36*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/23/15 02:36*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/21/15 14:49	05/22/15 15:06	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/21/15 14:49	05/22/15 15:06	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/21/15 14:49	05/22/15 15:06	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/21/15 14:49	05/22/15 15:06	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/21/15 14:49	05/22/15 15:06	1
3-Methylphenol	**0.032**		0.010	0.00040	mg/L		05/21/15 14:49	05/22/15 15:06	1
2-Methylphenol	**0.0026**	**J**	0.0050	0.00040	mg/L		05/21/15 14:49	05/22/15 15:06	1
4-Methylphenol	**0.032**		0.010	0.00036	mg/L		05/21/15 14:49	05/22/15 15:06	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/21/15 14:49	05/22/15 15:06	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/21/15 14:49	05/22/15 15:06	1
Pyridine	ND	*	0.025	0.00041	mg/L		05/21/15 14:49	05/22/15 15:06	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/21/15 14:49	05/22/15 15:06	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/21/15 14:49	05/22/15 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*84*		*52 - 132*	*05/21/15 14:49*	*05/22/15 15:06*	*1*
2-Fluorobiphenyl	*75*		*48 - 120*	*05/21/15 14:49*	*05/22/15 15:06*	*1*
2-Fluorophenol	*39*		*20 - 120*	*05/21/15 14:49*	*05/22/15 15:06*	*1*
Nitrobenzene-d5	*72*		*46 - 120*	*05/21/15 14:49*	*05/22/15 15:06*	*1*
p-Terphenyl-d14	*83*		*67 - 150*	*05/21/15 14:49*	*05/22/15 15:06*	*1*
Phenol-d5	*28*		*16 - 120*	*05/21/15 14:49*	*05/22/15 15:06*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	**0.000049**	**J**	0.00020	0.0000060	mg/L		05/21/15 15:01	05/22/15 15:25	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/21/15 15:01	05/22/15 15:25	1
Endrin	**0.000079**	**J**	0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 15:25	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/21/15 15:01	05/22/15 15:25	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/21/15 15:01	05/22/15 15:25	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 15:25	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/21/15 15:01	05/22/15 15:25	1

Client Sample ID: West Monroe NY-Fortino Sample # 05

Lab Sample ID: 480-80567-4

Date Collected: 05/18/15 16:00

Matrix: Solid

Date Received: 05/19/15 02:05

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*57*		*20 - 120*	*05/21/15 15:01*	*05/22/15 15:25*	*1*
Tetrachloro-m-xylene	*73*		*36 - 120*	*05/21/15 15:01*	*05/22/15 15:25*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND	F2	21000	7800	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1221	ND		21000	10000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1232	ND		21000	13000	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1242	**100000**		21000	7200	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1248	ND		21000	5200	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1254	**93000**		21000	9100	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500
Aroclor-1260	ND	F2	21000	5900	ug/Kg	☼	05/29/15 07:39	06/02/15 16:38	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 16:38*	*500*
DCB Decachlorobiphenyl	*780*	*p X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 16:38*	*500*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/21/15 13:54	05/27/15 07:38	1
2,4-D	ND		0.0020	0.00040	mg/L		05/21/15 13:54	05/27/15 07:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*30*	*X*	*35 - 143*	*05/21/15 13:54*	*05/27/15 07:38*	*1*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/21/15 11:50	05/22/15 16:43	1
Barium	**6.2**		1.0	0.10	mg/L		05/21/15 11:50	05/22/15 16:43	1
Cadmium	**0.70**		0.0020	0.00050	mg/L		05/21/15 11:50	05/22/15 16:43	1
Chromium	ND		0.020	0.010	mg/L		05/21/15 11:50	05/22/15 16:43	1
Lead	**4.6**		0.020	0.0030	mg/L		05/21/15 11:50	05/22/15 16:43	1
Selenium	ND		0.025	0.0087	mg/L		05/21/15 11:50	05/22/15 16:43	1
Silver	ND		0.0060	0.0017	mg/L		05/21/15 11:50	05/22/15 16:43	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/15 12:30	05/21/15 16:12	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**5.7**		0.27	0.11	mg/Kg	☼	05/29/15 12:50	05/29/15 15:47	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			05/31/15 13:51	1
pH	**7.48**	**HF**	0.100	0.100	SU			05/19/15 10:30	1

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8260C - TCLP Volatiles

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
LCS 480-244233/4	Lab Control Sample	91	100	110	99
MB 480-244233/6	Method Blank	95	97	102	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-80567-1	West Monroe NY-Fortino Sampl	92	96	101	97
480-80567-2	West Monroe NY-Fortino Sample # 13	94	98	103	99
480-80567-3	West Monroe NY-Fortino Sample # 06	94	96	100	98
480-80567-4	West Monroe NY-Fortino Sample # 05	95	97	101	100
LB 480-243589/1-A	Method Blank	93	97	101	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - TCLP Semivolatiles

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
LCS 480-243934/2-A	Lab Control Sample	91	82	42	71	89	33
LCSD 480-243934/3-A	Lab Control Sample Dup	82	77	42	74	86	32
MB 480-243934/1-A	Method Blank	54	64	38	56	74	27

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8270D - TCLP Semivolatiles

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-80567-1	West Monroe NY-Fortino Sampl	83	82	44	71	90	33
480-80567-2	West Monroe NY-Fortino Sample # 13	81	71	36	67	85	26
480-80567-3	West Monroe NY-Fortino Sample # 06	87	78	42	66	85	30
480-80567-4	West Monroe NY-Fortino Sample # 05	84	75	39	72	83	28
LB 480-243590/1-E	Method Blank	76	80	44	73	92	31

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081B - TCLP Pesticides

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(36-120)
LCS 480-243939/2-A	Lab Control Sample	48	62
LCSD 480-243939/3-A	Lab Control Sample Dup	46	57
MB 480-243939/1-A	Method Blank	44	62

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8081B - TCLP Pesticides

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(36-120)
480-80567-1	West Monroe NY-Fortino Sampl	52	63
480-80567-2	West Monroe NY-Fortino Sample # 13	55	60
480-80567-3	West Monroe NY-Fortino Sample # 06	42	68
480-80567-4	West Monroe NY-Fortino Sample # 05	57	73
LB 480-243590/1-F	Method Blank	65	59

Surrogate Legend

DCB = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(29-151)	(14-163)
480-80567-1	West Monroe NY-Fortino Sampl	214 X	0 X
480-80567-2	West Monroe NY-Fortino Sample # 13	380 X	390 p X
480-80567-3	West Monroe NY-Fortino Sample # 06	0 X	0 X
480-80567-4	West Monroe NY-Fortino Sample # 05	0 X	780 p X
480-80567-4 MS	West Monroe NY-Fortino Sample # 05	2249 X	1164 p X
480-80567-4 MSD	West Monroe NY-Fortino Sample # 05	0 X	662 p X
LCS 240-182832/24-A	Lab Control Sample	75	108
MB 240-182832/23-A	Method Blank	60	96

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		DCPA1
Lab Sample ID	Client Sample ID	(35-143)
LCS 480-243802/2-A	Lab Control Sample	95
LCSD 480-243802/3-A	Lab Control Sample Dup	94
MB 480-243802/1-A	Method Blank	106

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)
		DCPA1
Lab Sample ID	Client Sample ID	(35-143)
480-80567-1	West Monroe NY-Fortino Sampl	33 X
480-80567-2	West Monroe NY-Fortino Sample # 13	35
480-80567-3	West Monroe NY-Fortino Sample # 06	27 X
480-80567-4	West Monroe NY-Fortino Sample # 05	30 X
LB 480-243590/1-D	Method Blank	27 X

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-244233/6
Matrix: Solid
Analysis Batch: 244233

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/22/15 23:51	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/22/15 23:51	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/22/15 23:51	1
Chloroform	ND		0.0010	0.00034	mg/L			05/22/15 23:51	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/22/15 23:51	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/22/15 23:51	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/22/15 23:51	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/22/15 23:51	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/22/15 23:51	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/22/15 23:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*05/22/15 23:51*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/22/15 23:51*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*05/22/15 23:51*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*		*05/22/15 23:51*	*1*

Lab Sample ID: LCS 480-244233/4
Matrix: Solid
Analysis Batch: 244233

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0273		mg/L		109	71 - 124
Chlorobenzene	0.0250	0.0279		mg/L		112	72 - 120
1,2-Dichloroethane	0.0250	0.0240		mg/L		96	75 - 127
1,1-Dichloroethene	0.0250	0.0259		mg/L		104	58 - 121
Tetrachloroethene	0.0250	0.0296		mg/L		118	74 - 122
Trichloroethene	0.0250	0.0263		mg/L		105	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*
Toluene-d8 (Surr)	*100*		*71 - 126*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: LB 480-243589/1-A
Matrix: Solid
Analysis Batch: 244233

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/23/15 00:37	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/23/15 00:37	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/23/15 00:37	10
Chloroform	ND		0.010	0.0034	mg/L			05/23/15 00:37	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/23/15 00:37	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/23/15 00:37	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/23/15 00:37	10

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-243589/1-A
Matrix: Solid
Analysis Batch: 244233

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/23/15 00:37	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/23/15 00:37	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/23/15 00:37	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*05/23/15 00:37*	*10*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/23/15 00:37*	*10*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/23/15 00:37*	*10*
Dibromofluoromethane (Surr)	*96*		*60 - 140*		*05/23/15 00:37*	*10*

Method: 8270D - TCLP Semivolatiles

Lab Sample ID: MB 480-243934/1-A
Matrix: Solid
Analysis Batch: 244069

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 243934

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		05/21/15 14:49	05/22/15 11:37	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		05/21/15 14:49	05/22/15 11:37	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		05/21/15 14:49	05/22/15 11:37	1
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		05/21/15 14:49	05/22/15 11:37	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		05/21/15 14:49	05/22/15 11:37	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		05/21/15 14:49	05/22/15 11:37	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		05/21/15 14:49	05/22/15 11:37	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		05/21/15 14:49	05/22/15 11:37	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		05/21/15 14:49	05/22/15 11:37	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		05/21/15 14:49	05/22/15 11:37	1
Pyridine	ND		0.0063	0.00010	mg/L		05/21/15 14:49	05/22/15 11:37	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		05/21/15 14:49	05/22/15 11:37	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		05/21/15 14:49	05/22/15 11:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*54*		*52 - 132*	*05/21/15 14:49*	*05/22/15 11:37*	*1*
2-Fluorobiphenyl	*64*		*48 - 120*	*05/21/15 14:49*	*05/22/15 11:37*	*1*
2-Fluorophenol	*38*		*20 - 120*	*05/21/15 14:49*	*05/22/15 11:37*	*1*
Nitrobenzene-d5	*56*		*46 - 120*	*05/21/15 14:49*	*05/22/15 11:37*	*1*
p-Terphenyl-d14	*74*		*67 - 150*	*05/21/15 14:49*	*05/22/15 11:37*	*1*
Phenol-d5	*27*		*16 - 120*	*05/21/15 14:49*	*05/22/15 11:37*	*1*

Lab Sample ID: LCS 480-243934/2-A
Matrix: Solid
Analysis Batch: 244069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 243934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0500	0.0282		mg/L		56	32 - 120
2,4-Dinitrotoluene	0.0500	0.0476		mg/L		95	65 - 154
Hexachloroethane	0.0500	0.0248		mg/L		50	14 - 130

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LCS 480-243934/2-A
Matrix: Solid
Analysis Batch: 244069

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 243934

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Pentachlorophenol			0.100	0.0792		mg/L		79	39 - 136		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*91*		*52 - 132*
2-Fluorobiphenyl	*82*		*48 - 120*
2-Fluorophenol	*42*		*20 - 120*
Nitrobenzene-d5	*71*		*46 - 120*
p-Terphenyl-d14	*89*		*67 - 150*
Phenol-d5	*33*		*16 - 120*

Lab Sample ID: LCSD 480-243934/3-A
Matrix: Solid
Analysis Batch: 244069

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 243934

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene			0.0500	0.0268		mg/L		54	32 - 120	5	36
2,4-Dinitrotoluene			0.0500	0.0484		mg/L		97	65 - 154	2	20
Hexachloroethane			0.0500	0.0241		mg/L		48	14 - 130	3	46
Pentachlorophenol			0.100	0.0737		mg/L		74	39 - 136	7	37

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*82*		*52 - 132*
2-Fluorobiphenyl	*77*		*48 - 120*
2-Fluorophenol	*42*		*20 - 120*
Nitrobenzene-d5	*74*		*46 - 120*
p-Terphenyl-d14	*86*		*67 - 150*
Phenol-d5	*32*		*16 - 120*

Lab Sample ID: LB 480-243590/1-E
Matrix: Solid
Analysis Batch: 244069

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 243934

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/21/15 14:49	05/22/15 12:55	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/21/15 14:49	05/22/15 12:55	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/21/15 14:49	05/22/15 12:55	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/21/15 14:49	05/22/15 12:55	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/21/15 14:49	05/22/15 12:55	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/21/15 14:49	05/22/15 12:55	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/21/15 14:49	05/22/15 12:55	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/21/15 14:49	05/22/15 12:55	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/21/15 14:49	05/22/15 12:55	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/21/15 14:49	05/22/15 12:55	1
Pyridine	ND		0.025	0.00041	mg/L		05/21/15 14:49	05/22/15 12:55	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/21/15 14:49	05/22/15 12:55	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/21/15 14:49	05/22/15 12:55	1

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LB 480-243590/1-E
Matrix: Solid
Analysis Batch: 244069

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 243934

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	76		52 - 132	05/21/15 14:49	05/22/15 12:55	1
2-Fluorobiphenyl	80		48 - 120	05/21/15 14:49	05/22/15 12:55	1
2-Fluorophenol	44		20 - 120	05/21/15 14:49	05/22/15 12:55	1
Nitrobenzene-d5	73		46 - 120	05/21/15 14:49	05/22/15 12:55	1
p-Terphenyl-d14	92		67 - 150	05/21/15 14:49	05/22/15 12:55	1
Phenol-d5	31		16 - 120	05/21/15 14:49	05/22/15 12:55	1

Method: 8081B - TCLP Pesticides

Lab Sample ID: MB 480-243939/1-A
Matrix: Solid
Analysis Batch: 244047

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 243939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		05/21/15 15:01	05/22/15 13:23	1
Chlordane (technical)	ND		0.00050	0.0000073	mg/L		05/21/15 15:01	05/22/15 13:23	1
Endrin	ND		0.000050	0.0000035	mg/L		05/21/15 15:01	05/22/15 13:23	1
Heptachlor	ND		0.000050	0.0000021	mg/L		05/21/15 15:01	05/22/15 13:23	1
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		05/21/15 15:01	05/22/15 13:23	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		05/21/15 15:01	05/22/15 13:23	1
Toxaphene	ND		0.00050	0.000030	mg/L		05/21/15 15:01	05/22/15 13:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	44		20 - 120	05/21/15 15:01	05/22/15 13:23	1
Tetrachloro-m-xylene	62		36 - 120	05/21/15 15:01	05/22/15 13:23	1

Lab Sample ID: LCS 480-243939/2-A
Matrix: Solid
Analysis Batch: 244047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 243939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.000500	0.000344		mg/L		69	56 - 127
Endrin	0.000500	0.000416		mg/L		83	52 - 143
Heptachlor	0.000500	0.000362		mg/L		72	51 - 125
Heptachlor epoxide	0.000500	0.000386		mg/L		77	50 - 140
Methoxychlor	0.000500	0.000406		mg/L		81	50 - 151

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	48		20 - 120
Tetrachloro-m-xylene	62		36 - 120

Lab Sample ID: LCSD 480-243939/3-A
Matrix: Solid
Analysis Batch: 244047

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 243939

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
gamma-BHC (Lindane)	0.000500	0.000341		mg/L		68	56 - 127	1	24

Method: 8081B - TCLP Pesticides (Continued)

Lab Sample ID: LCSD 480-243939/3-A
Matrix: Solid
Analysis Batch: 244047

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 243939

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin			0.000500	0.000414		mg/L		83	52 - 143	0	24
Heptachlor			0.000500	0.000342		mg/L		68	51 - 125	6	25
Heptachlor epoxide			0.000500	0.000382		mg/L		76	50 - 140	1	23
Methoxychlor			0.000500	0.000403		mg/L		81	50 - 151	1	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*46*		*20 - 120*
Tetrachloro-m-xylene	*57*		*36 - 120*

Lab Sample ID: LB 480-243590/1-F
Matrix: Solid
Analysis Batch: 244047

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 243939

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/21/15 15:01	05/22/15 14:15	1
Chlordane (technical)	0.000476	J	0.0020	0.000029	mg/L		05/21/15 15:01	05/22/15 14:15	1
Endrin	ND		0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:15	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/21/15 15:01	05/22/15 14:15	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/21/15 15:01	05/22/15 14:15	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/21/15 15:01	05/22/15 14:15	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/21/15 15:01	05/22/15 14:15	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*20 - 120*	*05/21/15 15:01*	*05/22/15 14:15*	*1*
Tetrachloro-m-xylene	*59*		*36 - 120*	*05/21/15 15:01*	*05/22/15 14:15*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-182832/23-A
Matrix: Solid
Analysis Batch: 183251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*29 - 151*	*05/29/15 07:39*	*06/02/15 17:27*	*1*
DCB Decachlorobiphenyl	*96*		*14 - 163*	*05/29/15 07:39*	*06/02/15 17:27*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-182832/24-A
Matrix: Solid
Analysis Batch: 183251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182832

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			333	272		ug/Kg		82	62 - 120		
Aroclor-1260			333	330		ug/Kg		99	56 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*75*		*29 - 151*
DCB Decachlorobiphenyl	*108*		*14 - 163*

Lab Sample ID: 480-80567-4 MS
Matrix: Solid
Analysis Batch: 183251

Client Sample ID: West Monroe NY-Fortino Sample # 05
Prep Type: Total/NA
Prep Batch: 182832

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016	ND	F2	446	135000		ug/Kg	☼	NC	22 - 157		
Aroclor-1260	ND	F2	446	63800		ug/Kg	☼	NC	13 - 161		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*2249*	*X*	*29 - 151*
DCB Decachlorobiphenyl	*1164*	*p X*	*14 - 163*

Lab Sample ID: 480-80567-4 MSD
Matrix: Solid
Analysis Batch: 183251

Client Sample ID: West Monroe NY-Fortino Sample # 05
Prep Type: Total/NA
Prep Batch: 182832

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	ND	F2	435	64400	F2	ug/Kg	☼	NC	22 - 157	71	30
Aroclor-1260	ND	F2	435	29000	F2	ug/Kg	☼	NC	13 - 161	75	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*
DCB Decachlorobiphenyl	*662*	*p X*	*14 - 163*

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-243802/1-A
Matrix: Solid
Analysis Batch: 244656

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 243802

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		05/21/15 08:42	05/27/15 00:14	1
2,4-D	ND		0.00050	0.00010	mg/L		05/21/15 08:42	05/27/15 00:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*106*		*35 - 143*	*05/21/15 08:42*	*05/27/15 00:14*	*1*

Method: 8151 - TCLP Herbicides (Continued)

Lab Sample ID: LCS 480-243802/2-A
Matrix: Solid
Analysis Batch: 244656

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 243802

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Silvex (2,4,5-TP)			0.00200	0.00175		mg/L		87	49 - 167		
2,4-D			0.00200	0.00161		mg/L		81	36 - 179		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*95*		*35 - 143*

Lab Sample ID: LCSD 480-243802/3-A
Matrix: Solid
Analysis Batch: 244656

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 243802

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silvex (2,4,5-TP)			0.00200	0.00191		mg/L		96	49 - 167	9	50
2,4-D			0.00200	0.00173		mg/L		87	36 - 179	7	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*94*		*35 - 143*

Lab Sample ID: LB 480-243590/1-D
Matrix: Solid
Analysis Batch: 244656

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 243802

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/21/15 13:54	05/27/15 08:08	1
2,4-D	ND		0.0020	0.00040	mg/L		05/21/15 13:54	05/27/15 08:08	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*27*	*X*	*35 - 143*	*05/21/15 13:54*	*05/27/15 08:08*	*1*

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-243861/2-A
Matrix: Solid
Analysis Batch: 244394

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 243861

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/21/15 11:50	05/22/15 16:03	1
Barium	ND		1.0	0.10	mg/L		05/21/15 11:50	05/22/15 16:03	1
Cadmium	ND		0.0020	0.00050	mg/L		05/21/15 11:50	05/22/15 16:03	1
Chromium	ND		0.020	0.010	mg/L		05/21/15 11:50	05/22/15 16:03	1
Lead	ND		0.020	0.0030	mg/L		05/21/15 11:50	05/22/15 16:03	1
Selenium	ND		0.025	0.0087	mg/L		05/21/15 11:50	05/22/15 16:03	1
Silver	ND		0.0060	0.0017	mg/L		05/21/15 11:50	05/22/15 16:03	1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: LCS 480-243861/3-A
Matrix: Solid
Analysis Batch: 244394

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 243861

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.04		mg/L		104	80 - 120
Barium	1.00	0.986	J	mg/L		99	80 - 120
Cadmium	1.00	1.04		mg/L		104	80 - 120
Chromium	1.00	0.997		mg/L		100	80 - 120
Lead	1.00	1.02		mg/L		102	80 - 120
Selenium	1.00	1.06		mg/L		106	80 - 120
Silver	1.00	1.14		mg/L		114	80 - 120

Lab Sample ID: LB 480-243590/1-B
Matrix: Solid
Analysis Batch: 244394

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 243861

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/21/15 11:50	05/22/15 16:00	1
Barium	ND		1.0	0.10	mg/L		05/21/15 11:50	05/22/15 16:00	1
Cadmium	ND		0.0020	0.00050	mg/L		05/21/15 11:50	05/22/15 16:00	1
Chromium	ND		0.020	0.010	mg/L		05/21/15 11:50	05/22/15 16:00	1
Lead	ND		0.020	0.0030	mg/L		05/21/15 11:50	05/22/15 16:00	1
Selenium	ND		0.025	0.0087	mg/L		05/21/15 11:50	05/22/15 16:00	1
Silver	ND		0.0060	0.0017	mg/L		05/21/15 11:50	05/22/15 16:00	1

Lab Sample ID: 480-80567-1 MS
Matrix: Solid
Analysis Batch: 244394

Client Sample ID: West Monroe NY-Fortino Sample # 14
Prep Type: TCLP
Prep Batch: 243861

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.05		mg/L		105	75 - 125
Barium	3.0		1.00	3.94		mg/L		99	75 - 125
Cadmium	0.46		1.00	1.52		mg/L		105	75 - 125
Chromium	ND		1.00	0.968		mg/L		97	75 - 125
Lead	1.9		1.00	2.93		mg/L		100	75 - 125
Selenium	ND		1.00	1.07		mg/L		107	75 - 125
Silver	ND		1.00	1.16		mg/L		116	75 - 125

Lab Sample ID: 480-80567-1 MSD
Matrix: Solid
Analysis Batch: 244394

Client Sample ID: West Monroe NY-Fortino Sample # 14
Prep Type: TCLP
Prep Batch: 243861

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.06		mg/L		106	75 - 125	1	20
Barium	3.0		1.00	3.79		mg/L		84	75 - 125	4	20
Cadmium	0.46		1.00	1.52		mg/L		105	75 - 125	0	20
Chromium	ND		1.00	0.953		mg/L		95	75 - 125	2	20
Lead	1.9		1.00	2.92		mg/L		99	75 - 125	0	20
Selenium	ND		1.00	1.09		mg/L		109	75 - 125	2	20
Silver	ND		1.00	1.16		mg/L		116	75 - 125	0	20

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-243891/2-A
Matrix: Solid
Analysis Batch: 243956

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 243891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/15 12:30	05/21/15 15:54	1

Lab Sample ID: LCS 480-243891/3-A
Matrix: Solid
Analysis Batch: 243956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 243891

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00645		mg/L		97	80 - 120

Lab Sample ID: LB 480-243590/1-C
Matrix: Solid
Analysis Batch: 243956

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 243891

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/21/15 12:30	05/21/15 15:52	1

Lab Sample ID: 480-80567-1 MS
Matrix: Solid
Analysis Batch: 243956

Client Sample ID: West Monroe NY-Fortino Sample # 14
Prep Type: TCLP
Prep Batch: 243891

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00603		mg/L		90	80 - 120

Lab Sample ID: 480-80567-1 MSD
Matrix: Solid
Analysis Batch: 243956

Client Sample ID: West Monroe NY-Fortino Sample # 14
Prep Type: TCLP
Prep Batch: 243891

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00602		mg/L		90	80 - 120	0	20

Method: 7471B - Mercury

Lab Sample ID: MB 480-245169/1-A
Matrix: Solid
Analysis Batch: 245244

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 245169

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0082	mg/Kg		05/29/15 12:50	05/29/15 14:33	1

Lab Sample ID: LCSSRM 480-245169/2-A
Matrix: Solid
Analysis Batch: 245244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 245169

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.98	3.75		mg/Kg		94.3	51.0 - 149.0

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method

Lab Sample ID: LCS 480-244972/1
Matrix: Solid
Analysis Batch: 244972

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Lab Sample ID: LCS 480-245349/1
Matrix: Solid
Analysis Batch: 245349

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	82.00		Degrees F		101	97.5 - 102.5

Lab Sample ID: 480-80567-3 DU
Matrix: Solid
Analysis Batch: 245349

Client Sample ID: West Monroe NY-Fortino Sample # 06
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>176.0		>176.0		Degrees F		NC	10

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-244860/1-A
Matrix: Solid
Analysis Batch: 245031

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		05/27/15 23:40	05/28/15 21:22	1

Lab Sample ID: LCS 480-244860/2-A
Matrix: Solid
Analysis Batch: 245031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Reactive	1000	480.0		mg/Kg		48	10 - 100

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-244863/1-A
Matrix: Solid
Analysis Batch: 245006

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0	0.57	mg/Kg		05/27/15 23:40	05/28/15 16:34	1

Lab Sample ID: LCS 480-244863/2-A
Matrix: Solid
Analysis Batch: 245006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244863

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide, Reactive	1000	541.0		mg/Kg		54	10 - 100

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method: 9045D - pH

Lab Sample ID: LCS 480-243327/1
Matrix: Solid
Analysis Batch: 243327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	7.020		SU		100	99 - 101		

GC/MS VOA

Leach Batch: 243589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	1311	
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	1311	
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	1311	
LB 480-243589/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 244233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	8260C	243589
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	8260C	243589
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	8260C	243589
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	8260C	243589
LB 480-243589/1-A	Method Blank	TCLP	Solid	8260C	243589
LCS 480-244233/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-244233/6	Method Blank	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 243590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	1311	
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	1311	
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	1311	
LB 480-243590/1-E	Method Blank	TCLP	Solid	1311	

Prep Batch: 243934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	3510C	243590
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	3510C	243590
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	3510C	243590
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	3510C	243590
LB 480-243590/1-E	Method Blank	TCLP	Solid	3510C	243590
LCS 480-243934/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-243934/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-243934/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 244069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	8270D	243934
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	8270D	243934
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	8270D	243934
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	8270D	243934
LB 480-243590/1-E	Method Blank	TCLP	Solid	8270D	243934
LCS 480-243934/2-A	Lab Control Sample	Total/NA	Solid	8270D	243934
LCSD 480-243934/3-A	Lab Control Sample Dup	Total/NA	Solid	8270D	243934
MB 480-243934/1-A	Method Blank	Total/NA	Solid	8270D	243934

GC Semi VOA

Prep Batch: 182832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	3540C	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	3540C	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	3540C	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	3540C	
480-80567-4 MS	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	3540C	
480-80567-4 MSD	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	3540C	
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182832/23-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 183251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	8082A	182832
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	8082A	182832
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	8082A	182832
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	8082A	182832
480-80567-4 MS	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	8082A	182832
480-80567-4 MSD	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	8082A	182832
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	8082A	182832
MB 240-182832/23-A	Method Blank	Total/NA	Solid	8082A	182832

Leach Batch: 243590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	1311	
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	1311	
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	1311	
LB 480-243590/1-D	Method Blank	TCLP	Solid	1311	
LB 480-243590/1-F	Method Blank	TCLP	Solid	1311	

Prep Batch: 243802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	8151A	243590
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	8151A	243590
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	8151A	243590
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	8151A	243590
LB 480-243590/1-D	Method Blank	TCLP	Solid	8151A	243590
LCS 480-243802/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 480-243802/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
MB 480-243802/1-A	Method Blank	Total/NA	Solid	8151A	

Prep Batch: 243939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	3510C	243590
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	3510C	243590
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	3510C	243590
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	3510C	243590
LB 480-243590/1-F	Method Blank	TCLP	Solid	3510C	243590
LCS 480-243939/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-243939/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-243939/1-A	Method Blank	Total/NA	Solid	3510C	

GC Semi VOA (Continued)

Analysis Batch: 244047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	8081B	243939
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	8081B	243939
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	8081B	243939
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	8081B	243939
LB 480-243590/1-F	Method Blank	TCLP	Solid	8081B	243939
LCS 480-243939/2-A	Lab Control Sample	Total/NA	Solid	8081B	243939
LCSD 480-243939/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	243939
MB 480-243939/1-A	Method Blank	Total/NA	Solid	8081B	243939

Analysis Batch: 244656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	8151	243802
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	8151	243802
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	8151	243802
LB 480-243590/1-D	Method Blank	TCLP	Solid	8151	243802
LCS 480-243802/2-A	Lab Control Sample	Total/NA	Solid	8151	243802
LCSD 480-243802/3-A	Lab Control Sample Dup	Total/NA	Solid	8151	243802
MB 480-243802/1-A	Method Blank	Total/NA	Solid	8151	243802

Analysis Batch: 244726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	8151	243802

Metals

Leach Batch: 243590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-1 MS	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-1 MSD	West Monroe NY-Fortino Sample # 14	TCLP	Solid	1311	
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	1311	
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	1311	
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	1311	
LB 480-243590/1-B	Method Blank	TCLP	Solid	1311	
LB 480-243590/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 243861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	3010A	243590
480-80567-1 MS	West Monroe NY-Fortino Sample # 14	TCLP	Solid	3010A	243590
480-80567-1 MSD	West Monroe NY-Fortino Sample # 14	TCLP	Solid	3010A	243590
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	3010A	243590
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	3010A	243590
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	3010A	243590
LB 480-243590/1-B	Method Blank	TCLP	Solid	3010A	243590
LCS 480-243861/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-243861/2-A	Method Blank	Total/NA	Solid	3010A	

Metals (Continued)

Prep Batch: 243891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243590
480-80567-1 MS	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243590
480-80567-1 MSD	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243590
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	7470A	243590
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	7470A	243590
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	7470A	243590
LB 480-243590/1-C	Method Blank	TCLP	Solid	7470A	243590
LCS 480-243891/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-243891/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 243956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243891
480-80567-1 MS	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243891
480-80567-1 MSD	West Monroe NY-Fortino Sample # 14	TCLP	Solid	7470A	243891
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	7470A	243891
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	7470A	243891
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	7470A	243891
LB 480-243590/1-C	Method Blank	TCLP	Solid	7470A	243891
LCS 480-243891/3-A	Lab Control Sample	Total/NA	Solid	7470A	243891
MB 480-243891/2-A	Method Blank	Total/NA	Solid	7470A	243891

Analysis Batch: 244394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	TCLP	Solid	6010C	243861
480-80567-1 MS	West Monroe NY-Fortino Sample # 14	TCLP	Solid	6010C	243861
480-80567-1 MSD	West Monroe NY-Fortino Sample # 14	TCLP	Solid	6010C	243861
480-80567-2	West Monroe NY-Fortino Sample # 13	TCLP	Solid	6010C	243861
480-80567-3	West Monroe NY-Fortino Sample # 06	TCLP	Solid	6010C	243861
480-80567-4	West Monroe NY-Fortino Sample # 05	TCLP	Solid	6010C	243861
LB 480-243590/1-B	Method Blank	TCLP	Solid	6010C	243861
LCS 480-243861/3-A	Lab Control Sample	Total/NA	Solid	6010C	243861
MB 480-243861/2-A	Method Blank	Total/NA	Solid	6010C	243861

Prep Batch: 245169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	7471B	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	7471B	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	7471B	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	7471B	
LCSSRM 480-245169/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 480-245169/1-A	Method Blank	Total/NA	Solid	7471B	

Analysis Batch: 245244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	7471B	245169
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	7471B	245169
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	7471B	245169
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	7471B	245169
LCSSRM 480-245169/2-A	Lab Control Sample	Total/NA	Solid	7471B	245169
MB 480-245169/1-A	Method Blank	Total/NA	Solid	7471B	245169

General Chemistry

Analysis Batch: 243327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	9045D	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	9045D	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	9045D	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	9045D	
LCS 480-243327/1	Lab Control Sample	Total/NA	Solid	9045D	

Analysis Batch: 243488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	Moisture	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	Moisture	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	Moisture	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	Moisture	

Prep Batch: 244860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	7.3.3	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	7.3.3	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	7.3.3	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	7.3.3	
LCS 480-244860/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-244860/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 244863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	7.3.4	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	7.3.4	
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	7.3.4	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	7.3.4	
LCS 480-244863/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-244863/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 244972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	1010A	
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	1010A	
LCS 480-244972/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 245006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	9034	244863
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	9034	244863
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	9034	244863
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	9034	244863
LCS 480-244863/2-A	Lab Control Sample	Total/NA	Solid	9034	244863
MB 480-244863/1-A	Method Blank	Total/NA	Solid	9034	244863

Analysis Batch: 245031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-1	West Monroe NY-Fortino Sample # 14	Total/NA	Solid	9012	244860
480-80567-2	West Monroe NY-Fortino Sample # 13	Total/NA	Solid	9012	244860
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	9012	244860

General Chemistry (Continued)

Analysis Batch: 245031 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	9012	244860
LCS 480-244860/2-A	Lab Control Sample	Total/NA	Solid	9012	244860
MB 480-244860/1-A	Method Blank	Total/NA	Solid	9012	244860

Analysis Batch: 245349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80567-3	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	1010A	
480-80567-3 DU	West Monroe NY-Fortino Sample # 06	Total/NA	Solid	1010A	
480-80567-4	West Monroe NY-Fortino Sample # 05	Total/NA	Solid	1010A	
LCS 480-245349/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 14

Lab Sample ID: 480-80567-1
Date Collected: 05/18/15 12:10
Matrix: Solid
Date Received: 05/19/15 02:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243589	05/20/15 11:12	JLS	TAL BUF
TCLP	Analysis	8260C		10	244233	05/23/15 01:24	SWO	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243934	05/21/15 14:49	CPH	TAL BUF
TCLP	Analysis	8270D		1	244069	05/22/15 13:47	DMR	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243939	05/21/15 15:01	CPH	TAL BUF
TCLP	Analysis	8081B		1	244047	05/22/15 14:33	MAN	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 15:49	HMB	TAL CAN
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	8151A			243802	05/21/15 13:54	CPH	TAL BUF
TCLP	Analysis	8151		1	244726	05/27/15 16:32	JRL	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3010A			243861	05/21/15 11:50	TAS	TAL BUF
TCLP	Analysis	6010C		1	244394	05/22/15 16:21	AMH	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	7470A			243891	05/21/15 12:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	243956	05/21/15 15:59	LRK	TAL BUF
Total/NA	Prep	7471B			245169	05/29/15 12:50	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245244	05/29/15 15:39	LRK	TAL BUF
Total/NA	Analysis	1010A		1	244972	05/28/15 15:14	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	243327	05/19/15 10:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243488	05/19/15 22:11	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 13

Lab Sample ID: 480-80567-2
Date Collected: 05/18/15 13:20
Matrix: Solid
Date Received: 05/19/15 02:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243589	05/20/15 11:12	JLS	TAL BUF
TCLP	Analysis	8260C		10	244233	05/23/15 01:48	SWO	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243934	05/21/15 14:49	CPH	TAL BUF
TCLP	Analysis	8270D		1	244069	05/22/15 14:13	DMR	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243939	05/21/15 15:01	CPH	TAL BUF
TCLP	Analysis	8081B		1	244047	05/22/15 14:50	MAN	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 16:05	HMB	TAL CAN

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 13

Lab Sample ID: 480-80567-2
Matrix: Solid
Date Collected: 05/18/15 13:20
Date Received: 05/19/15 02:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	8151A			243802	05/21/15 13:54	CPH	TAL BUF
TCLP	Analysis	8151		1	244656	05/27/15 06:39	JRL	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3010A			243861	05/21/15 11:50	TAS	TAL BUF
TCLP	Analysis	6010C		1	244394	05/22/15 16:36	AMH	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	7470A			243891	05/21/15 12:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	243956	05/21/15 16:06	LRK	TAL BUF
Total/NA	Prep	7471B			245169	05/29/15 12:50	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245244	05/29/15 15:41	LRK	TAL BUF
Total/NA	Analysis	1010A		1	244972	05/28/15 15:14	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	243327	05/19/15 10:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243488	05/19/15 22:11	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 06

Lab Sample ID: 480-80567-3
Matrix: Solid
Date Collected: 05/18/15 14:05
Date Received: 05/19/15 02:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243589	05/20/15 11:12	JLS	TAL BUF
TCLP	Analysis	8260C		10	244233	05/23/15 02:12	SWO	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243934	05/21/15 14:49	CPH	TAL BUF
TCLP	Analysis	8270D		1	244069	05/22/15 14:39	DMR	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243939	05/21/15 15:01	CPH	TAL BUF
TCLP	Analysis	8081B		2	244047	05/22/15 15:08	MAN	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		1000	183251	06/02/15 16:22	HMB	TAL CAN
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	8151A			243802	05/21/15 13:54	CPH	TAL BUF
TCLP	Analysis	8151		1	244656	05/27/15 07:09	JRL	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3010A			243861	05/21/15 11:50	TAS	TAL BUF
TCLP	Analysis	6010C		1	244394	05/22/15 16:40	AMH	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	7470A			243891	05/21/15 12:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	243956	05/21/15 16:07	LRK	TAL BUF
Total/NA	Prep	7471B			245169	05/29/15 12:50	LRK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Client Sample ID: West Monroe NY-Fortino Sample # 06

Lab Sample ID: 480-80567-3
Date Collected: 05/18/15 14:05
Matrix: Solid
Date Received: 05/19/15 02:05
Percent Solids: 76.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		50	245244	05/29/15 16:06	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	243327	05/19/15 10:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243488	05/19/15 22:11	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample # 05

Lab Sample ID: 480-80567-4
Date Collected: 05/18/15 16:00
Matrix: Solid
Date Received: 05/19/15 02:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			243589	05/20/15 11:12	JLS	TAL BUF
TCLP	Analysis	8260C		10	244233	05/23/15 02:36	SWO	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243934	05/21/15 14:49	CPH	TAL BUF
TCLP	Analysis	8270D		1	244069	05/22/15 15:06	DMR	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3510C			243939	05/21/15 15:01	CPH	TAL BUF
TCLP	Analysis	8081B		1	244047	05/22/15 15:25	MAN	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		500	183251	06/02/15 16:38	HMB	TAL CAN
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	8151A			243802	05/21/15 13:54	CPH	TAL BUF
TCLP	Analysis	8151		1	244656	05/27/15 07:38	JRL	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	3010A			243861	05/21/15 11:50	TAS	TAL BUF
TCLP	Analysis	6010C		1	244394	05/22/15 16:43	AMH	TAL BUF
TCLP	Leach	1311			243590	05/20/15 11:14	JLS	TAL BUF
TCLP	Prep	7470A			243891	05/21/15 12:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	243956	05/21/15 16:12	LRK	TAL BUF
Total/NA	Prep	7471B			245169	05/29/15 12:50	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245244	05/29/15 15:47	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245349	05/31/15 13:51	STD	TAL BUF
Total/NA	Prep	7.3.3			244860	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9012		1	245031	05/28/15 21:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			244863	05/27/15 23:40	LAW	TAL BUF
Total/NA	Analysis	9034		1	245006	05/28/15 16:34	KMF	TAL BUF
Total/NA	Analysis	9045D		1	243327	05/19/15 10:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243488	05/19/15 22:11	CMK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
9012	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8270D	TCLP Semivolatiles	SW846	TAL BUF
8081B	TCLP Pesticides	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
8151	TCLP Herbicides	SW846	TAL BUF
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471B	Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9012	Cyanide, Reactive	SW846	TAL BUF
9034	Sulfide, Reactive	SW846	TAL BUF
9045D	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80567-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80567-1	West Monroe NY-Fortino Sample # 14	Solid	05/18/15 12:10	05/19/15 02:05
480-80567-2	West Monroe NY-Fortino Sample # 13	Solid	05/18/15 13:20	05/19/15 02:05
480-80567-3	West Monroe NY-Fortino Sample # 06	Solid	05/18/15 14:05	05/19/15 02:05
480-80567-4	West Monroe NY-Fortino Sample # 05	Solid	05/18/15 16:00	05/19/15 02:05

>>> Select a Laboratory <<<
TA - Buffalo, NY
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
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Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Tom Binsfeld	Site Contact: Tom Binsfeld	Date: 5/18/15	COC No:
MJ Engineering & Land Surveying	Tel/Fax: 518-577-9959 (cell)	Lab Contact: A. Massa	Carrier:	____ of ____ COCs
1533 Crescent Rd	Analysis Turnaround Time			Sampler:
Clifton Park, NY 12065	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
(518) 370-0799 Phone	TAT if different from Below ____			Walk-in Client:
(518) 371-0822 FAX	☑ 2 weeks			Lab Sampling:
Project Name: Fortino Tire Site Investigation	☐ 1 week			
Site: Fortino Tire Site Investigation	☐ 2 days			Job / SDG No.:
P O # (Project # 915.06)	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 14	5/18	1210	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 13	5/18	1320	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 06	5/18	1405	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 05	5/18	1600	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample #								X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # ____								X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample #								X	X	X	X	X	X	X	X	X	X	X	

480-80567 Chain of Custody

Preservation Used: A=Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other N/A

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

	Company	Date/Time		Company	Date/Time
Relinquished by:	MJ Engineering	5/18/15 1720	Received by:	SVR	5/18/15 1720
Relinquished by: RELEASED	SVR 5-18-15	19:00	Received by:	TAB	19 MAY 15 0205
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

02 #1

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6/3/2015

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80567-1

Login Number: 80567

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	MJ ENGINEERING
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-80997-1
Client Project/Site: Characterization Sample -West Monroe, NY

For:
MJ Engineering & Land Surveying PC
1533 Crescent Road
Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld

Authorized for release by:
6/8/2015 11:00:00 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-80997-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-80997-1

Receipt
The samples were received on 5/27/2015 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.0º C and 3.2º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY_Fortino Sample #51 (480-80997-1), West Monroe NY_Fortino Sample #52 (480-80997-2), West Monroe NY_Fortino Sample #4 (480-80997-3) and (LB 480-244697/1-A). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY_Fortino Sample #3 (480-80997-4), West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7), West Monroe NY_Fortino Sample #34 (480-80997-8), (480-80997-A-8-B MS) and (480-80997-A-8-B MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8082A: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY_Fortino Sample #52 (480-80997-2). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY_Fortino Sample #51 (480-80997-1), West Monroe NY_Fortino Sample #52 (480-80997-2), West Monroe NY_Fortino Sample #4 (480-80997-3) and West Monroe NY_Fortino Sample #34 (480-80997-8). Reagents:2022870,1848563 and 1931923

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010C: The low level continuing calibration verification (CCVL 480-245405/34) for analytical batch 480-245405 contained Barium above the upper quality control limit. All reported TCLP samples associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples West Monroe NY_Fortino Sample #51 (480-80997-1), West Monroe NY_Fortino Sample #52 (480-80997-2), West Monroe NY_Fortino Sample #4 (480-80997-3), West Monroe NY_Fortino Sample #3 (480-80997-4), West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7), West Monroe NY_Fortino Sample #34 (480-80997-8), (480-80997-A-7-D MS), (480-80997-A-7-E MSD), (480-80997-A-7-C PDS) and (480-80997-A-7-C SD ^) was not performed.

Method(s) 6010C: The TCLP leachate blank, LB 480-244694 for batch 480-244900 contained Lead above the reporting limit (RL). Associated sample(s) West Monroe NY_Fortino Sample #51 (480-80997-1), West Monroe NY_Fortino Sample #52 (480-80997-2), West Monroe NY_Fortino Sample #4 (480-80997-3), West Monroe NY_Fortino Sample #3 (480-80997-4), West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7) and West Monroe NY_Fortino Sample #34 (480-80997-8) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the TCLP leachate blank.

Method(s) 6010C: The low level continuing calibration verification (CCVL 480-245405/46) for analytical batch 480-245405 contained Barium above the upper quality control limit. All reported TCLP samples associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7), West Monroe NY_Fortino Sample #34 (480-80997-8), (480-80997-A-7-D MS), (480-80997-A-7-E MSD), (480-80997-A-7-C PDS) and (480-80997-A-7-C SD ^) was not performed.

Job ID: 480-80997-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 6010C: The continuing calibration blank (CCB 480-245405/45) for analytical batch 480-245405 contained barium above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7), West Monroe NY_Fortino Sample #34 (480-80997-8), (480-80997-A-7-D MS), (480-80997-A-7-E MSD), (480-80997-A-7-C PDS) and (480-80997-A-7-C SD ^) was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe.West Monroe NY_Fortino Sample #51 (480-80997-1), West Monroe NY_Fortino Sample #52 (480-80997-2), West Monroe NY_Fortino Sample #4 (480-80997-3), West Monroe NY_Fortino Sample #3 (480-80997-4), West Monroe NY_Fortino Sample #35 (480-80997-5), West Monroe NY_Fortino Sample #7 (480-80997-6), West Monroe NY_Fortino Sample #17 (480-80997-7) and West Monroe NY_Fortino Sample #34 (480-80997-8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #51 — Lab Sample ID: 480-80997-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	23000		4300	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	25000	p	4300	1800	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0060	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	5.0	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.65		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.2	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.40	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #52 — Lab Sample ID: 480-80997-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	25000		4200	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	28000		4200	1800	ug/Kg	100	☼	8082A	Total/NA
Barium	6.3	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.48		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	3.6	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.49	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #4 — Lab Sample ID: 480-80997-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	19000		4300	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	20000		4300	1800	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0057	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	5.4	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.63		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.7	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.32	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #3 — Lab Sample ID: 480-80997-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	36000		4800	1600	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	33000		4800	2100	ug/Kg	100	☼	8082A	Total/NA
Barium	4.9	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.46		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.0	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.11	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #35 — Lab Sample ID: 480-80997-5

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: West Monroe NY_Fortino Sample #35 (Continued)

Lab Sample ID: 480-80997-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	21000	J	24000	8000	ug/Kg	500	☼	8082A	Total/NA
Aroclor-1254	44000		24000	10000	ug/Kg	500	☼	8082A	Total/NA
Barium	4.6	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.76		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	3.6	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.03	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #7

Lab Sample ID: 480-80997-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	23000		4500	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	40000		4500	1900	ug/Kg	100	☼	8082A	Total/NA
Barium	3.6	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.76		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.6	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.10	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #17

Lab Sample ID: 480-80997-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	33000		4800	1600	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	35000		4800	2000	ug/Kg	100	☼	8082A	Total/NA
Barium	3.7	^ F1	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.58		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.4	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.18	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #34

Lab Sample ID: 480-80997-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	22000		5600	1900	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	26000		5600	2400	ug/Kg	100	☼	8082A	Total/NA
Barium	6.0	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.37		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	5.4	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.22	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: West Monroe NY_Fortino Sample #51

Lab Sample ID: 480-80997-1
Date Collected: 05/26/15 10:15
Matrix: Solid
Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 08:25	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 08:25	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 08:25	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 08:25	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 08:25	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 08:25	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 08:25	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 08:25	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 08:25	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 08:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*05/30/15 08:25*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 08:25*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/30/15 08:25*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/30/15 08:25*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1221	ND		4300	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1232	ND		4300	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1242	**23000**		4300	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1248	ND		4300	1000	ug/Kg	☼	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1254	**25000**	**p**	4300	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 13:38	100
Aroclor-1260	ND		4300	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 13:38	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*261*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 13:38*	*100*
DCB Decachlorobiphenyl	*327*	*p X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 13:38*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0060**	**J**	0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:10	1
Barium	**5.0**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:10	1
Cadmium	**0.65**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:10	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:10	1
Lead	**1.2**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:10	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:10	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:10	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:19	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	**7.40**	**HF**	0.100	0.100	SU			05/27/15 15:20	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #52
Date Collected: 05/26/15 11:00
Date Received: 05/27/15 09:15

Lab Sample ID: 480-80997-2
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 08:53	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 08:53	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 08:53	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 08:53	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 08:53	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 08:53	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 08:53	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 08:53	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 08:53	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 08:53	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*05/30/15 08:53*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 08:53*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/30/15 08:53*	*10*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*05/30/15 08:53*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4200	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1221	ND		4200	2000	ug/Kg	☼	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1232	ND		4200	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1242	**25000**		4200	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1248	ND		4200	1000	ug/Kg	☼	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1254	**28000**		4200	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 13:55	100
Aroclor-1260	ND		4200	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 13:55	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*259*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 13:55*	*100*
DCB Decachlorobiphenyl	*248*	*p X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 13:55*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:13	1
Barium	**6.3**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:13	1
Cadmium	**0.48**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:13	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:13	1
Lead	**3.6**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:13	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:13	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:13	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	**7.49**	**HF**	0.100	0.100	SU			05/27/15 15:20	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #4
Date Collected: 05/26/15 11:45
Date Received: 05/27/15 09:15

Lab Sample ID: 480-80997-3
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 09:21	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 09:21	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 09:21	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 09:21	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 09:21	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 09:21	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 09:21	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 09:21	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 09:21	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 09:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*05/30/15 09:21*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 09:21*	*10*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/30/15 09:21*	*10*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*05/30/15 09:21*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1221	ND		4300	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1232	ND		4300	2600	ug/Kg	☼	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1242	**19000**		4300	1400	ug/Kg	☼	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1248	ND		4300	1000	ug/Kg	☼	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1254	**20000**		4300	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 14:11	100
Aroclor-1260	ND		4300	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 14:11	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*208*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 14:11*	*100*
DCB Decachlorobiphenyl	*285*	*p X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 14:11*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0057**	**J**	0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:17	1
Barium	**5.4**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:17	1
Cadmium	**0.63**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:17	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:17	1
Lead	**2.7**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:17	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:17	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:17	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	**7.32**	**HF**	0.100	0.100	SU			05/27/15 15:20	1

Client Sample ID: West Monroe NY_Fortino Sample #3
Lab Sample ID: 480-80997-4
Date Collected: 05/26/15 13:30
Matrix: Solid
Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 19:56	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 19:56	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 19:56	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 19:56	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 19:56	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 19:56	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 19:56	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 19:56	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 19:56	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 19:56	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*05/30/15 19:56*	*10*
Toluene-d8 (Surr)	*102*		*71 - 126*		*05/30/15 19:56*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/30/15 19:56*	*10*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*05/30/15 19:56*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4800	1800	ug/Kg	☼	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1221	ND		4800	2400	ug/Kg	☼	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1232	ND		4800	2900	ug/Kg	☼	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1242	**36000**		4800	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1248	ND		4800	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1254	**33000**		4800	2100	ug/Kg	☼	05/29/15 07:39	06/02/15 14:27	100
Aroclor-1260	ND		4800	1300	ug/Kg	☼	05/29/15 07:39	06/02/15 14:27	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*462*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 14:27*	*100*
DCB Decachlorobiphenyl	*595*	*p X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 14:27*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:20	1
Barium	**4.9**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:20	1
Cadmium	**0.46**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:20	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:20	1
Lead	**2.0**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:20	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:20	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:20	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:27	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	**7.11**	**HF**	0.100	0.100	SU			05/27/15 15:20	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #35
Date Collected: 05/26/15 14:10
Date Received: 05/27/15 09:15

Lab Sample ID: 480-80997-5
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 20:23	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 20:23	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 20:23	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 20:23	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 20:23	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 20:23	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 20:23	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 20:23	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 20:23	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 20:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*05/30/15 20:23*	*10*
Toluene-d8 (Surr)	*102*		*71 - 126*		*05/30/15 20:23*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/30/15 20:23*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/30/15 20:23*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		24000	8700	ug/Kg	☼	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1221	ND		24000	12000	ug/Kg	☼	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1232	ND		24000	15000	ug/Kg	☼	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1242	**21000**	**J**	24000	8000	ug/Kg	☼	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1248	ND		24000	5800	ug/Kg	☼	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1254	**44000**		24000	10000	ug/Kg	☼	05/29/15 07:39	06/02/15 14:44	500
Aroclor-1260	ND		24000	6500	ug/Kg	☼	05/29/15 07:39	06/02/15 14:44	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 14:44*	*500*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 14:44*	*500*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:31	1
Barium	**4.6**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:31	1
Cadmium	**0.76**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:31	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:31	1
Lead	**3.6**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:31	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:31	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:31	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:29	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	**7.03**	**HF**	0.100	0.100	SU			05/27/15 15:20	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #7
Date Collected: 05/26/15 14:35
Date Received: 05/27/15 09:15

Lab Sample ID: 480-80997-6
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 20:51	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 20:51	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 20:51	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 20:51	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 20:51	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 20:51	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 20:51	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 20:51	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 20:51	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 20:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*66 - 137*		*05/30/15 20:51*	*10*
Toluene-d8 (Surr)	*103*		*71 - 126*		*05/30/15 20:51*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/30/15 20:51*	*10*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*05/30/15 20:51*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4500	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1221	ND		4500	2200	ug/Kg	☼	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1232	ND		4500	2700	ug/Kg	☼	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1242	**23000**		4500	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1248	ND		4500	1100	ug/Kg	☼	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1254	**40000**		4500	1900	ug/Kg	☼	05/29/15 07:39	06/02/15 15:00	100
Aroclor-1260	ND		4500	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 15:00	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*119*	*p*	*29 - 151*	*05/29/15 07:39*	*06/02/15 15:00*	*100*
DCB Decachlorobiphenyl	*433*	*p X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 15:00*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:34	1
Barium	**3.6**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:34	1
Cadmium	**0.76**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:34	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:34	1
Lead	**1.6**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:34	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:34	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:34	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	**7.10**	**HF**	0.100	0.100	SU			05/27/15 15:20	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #17
Date Collected: 05/26/15 15:25
Date Received: 05/27/15 09:15

Lab Sample ID: 480-80997-7
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 21:18	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 21:18	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 21:18	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 21:18	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 21:18	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 21:18	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 21:18	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 21:18	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 21:18	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 21:18	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*05/30/15 21:18*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 21:18*	*10*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*05/30/15 21:18*	*10*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*05/30/15 21:18*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4800	1700	ug/Kg	☼	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1221	ND		4800	2300	ug/Kg	☼	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1232	ND		4800	2900	ug/Kg	☼	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1242	**33000**		4800	1600	ug/Kg	☼	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1248	ND		4800	1200	ug/Kg	☼	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1254	**35000**		4800	2000	ug/Kg	☼	05/29/15 07:39	06/02/15 15:16	100
Aroclor-1260	ND		4800	1300	ug/Kg	☼	05/29/15 07:39	06/02/15 15:16	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*477*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 15:16*	*100*
DCB Decachlorobiphenyl	*260*	*p X*	*14 - 163*	*05/29/15 07:39*	*06/02/15 15:16*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:38	1
Barium	**3.7**	**^ F1**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:38	1
Cadmium	**0.58**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:38	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:38	1
Lead	**1.4**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:38	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:38	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:38	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	**7.18**	**HF**	0.100	0.100	SU			05/27/15 15:20	1

Client Sample ID: West Monroe NY_Fortino Sample #34
Lab Sample ID: 480-80997-8
Date Collected: 05/26/15 16:10
Matrix: Solid
Date Received: 05/27/15 09:15

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 21:45	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 21:45	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 21:45	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 21:45	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 21:45	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 21:45	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 21:45	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 21:45	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 21:45	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 21:45	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*05/30/15 21:45*	*10*
Toluene-d8 (Surr)	*102*		*71 - 126*		*05/30/15 21:45*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/30/15 21:45*	*10*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*05/30/15 21:45*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		5600	2000	ug/Kg	☼	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1221	ND		5600	2700	ug/Kg	☼	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1232	ND		5600	3400	ug/Kg	☼	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1242	**22000**		5600	1900	ug/Kg	☼	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1248	ND		5600	1300	ug/Kg	☼	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1254	**26000**		5600	2400	ug/Kg	☼	05/29/15 07:39	06/02/15 15:33	100
Aroclor-1260	ND		5600	1500	ug/Kg	☼	05/29/15 07:39	06/02/15 15:33	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*183*	*X*	*29 - 151*	*05/29/15 07:39*	*06/02/15 15:33*	*100*
DCB Decachlorobiphenyl	*80*	*p*	*14 - 163*	*05/29/15 07:39*	*06/02/15 15:33*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:53	1
Barium	**6.0**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:53	1
Cadmium	**0.37**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:53	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:53	1
Lead	**5.4**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:53	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:53	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:53	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/07/15 16:09	1
pH	**7.22**	**HF**	0.100	0.100	SU			05/27/15 15:20	1

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method: 8260C - TCLP Volatiles

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
LCS 480-245273/4	Lab Control Sample	99	102	101	101
LCS 480-245321/4	Lab Control Sample	95	101	102	100
MB 480-245273/6	Method Blank	100	101	99	102
MB 480-245321/6	Method Blank	97	102	99	99

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-80997-1	West Monroe NY_Fortino Sampl	100	101	99	100
480-80997-2	West Monroe NY_Fortino Sample #52	99	101	99	101
480-80997-3	West Monroe NY_Fortino Sample #4	99	101	101	101
480-80997-4	West Monroe NY_Fortino Sample #3	101	102	99	102
480-80997-5	West Monroe NY_Fortino Sample #35	99	102	100	100
480-80997-6	West Monroe NY_Fortino Sample #7	101	103	100	102
480-80997-7	West Monroe NY_Fortino Sample #17	100	101	98	101
480-80997-8	West Monroe NY_Fortino Sample #34	99	102	100	101
480-80997-8 MS	West Monroe NY_Fortino Sample #34	97	103	103	100
480-80997-8 MSD	West Monroe NY_Fortino Sample #34	95	101	101	100
LB 480-244697/1-A	Method Blank	99	101	100	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(29-151)	(14-163)
480-80997-1	West Monroe NY_Fortino Sampl	261 X	327 p X

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	TCX1 (29-151)	DCB1 (14-163)										
480-80997-2	West Monroe NY_Fortino Sampl	259 X	248 p X										
480-80997-3	West Monroe NY_Fortino Sample #4	208 X	285 p X										
480-80997-4	West Monroe NY_Fortino Sample #3	462 X	595 p X										
480-80997-5	West Monroe NY_Fortino Sample #35	0 X	0 X										
480-80997-6	West Monroe NY_Fortino Sample #7	119 p	433 p X										
480-80997-7	West Monroe NY_Fortino Sample #17	477 X	260 p X										
480-80997-8	West Monroe NY_Fortino Sample #34	183 X	80 p										
LCS 240-182832/24-A	Lab Control Sample	75	108										
MB 240-182832/23-A	Method Blank	60	96										

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-245273/6
Matrix: Solid
Analysis Batch: 245273

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/30/15 01:00	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/30/15 01:00	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/30/15 01:00	1
Chloroform	ND		0.0010	0.00034	mg/L			05/30/15 01:00	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/30/15 01:00	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/30/15 01:00	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/30/15 01:00	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/30/15 01:00	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/30/15 01:00	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/30/15 01:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*05/30/15 01:00*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 01:00*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/30/15 01:00*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*05/30/15 01:00*	*1*

Lab Sample ID: LCS 480-245273/4
Matrix: Solid
Analysis Batch: 245273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0262		mg/L		105	71 - 124
Chlorobenzene	0.0250	0.0264		mg/L		106	72 - 120
1,2-Dichloroethane	0.0250	0.0247		mg/L		99	75 - 127
1,1-Dichloroethene	0.0250	0.0262		mg/L		105	58 - 121
Tetrachloroethene	0.0250	0.0274		mg/L		110	74 - 122
Trichloroethene	0.0250	0.0262		mg/L		105	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*
Toluene-d8 (Surr)	*102*		*71 - 126*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

Lab Sample ID: MB 480-245321/6
Matrix: Solid
Analysis Batch: 245321

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/30/15 13:27	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/30/15 13:27	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/30/15 13:27	1
Chloroform	ND		0.0010	0.00034	mg/L			05/30/15 13:27	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/30/15 13:27	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/30/15 13:27	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/30/15 13:27	1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: MB 480-245321/6
Matrix: Solid
Analysis Batch: 245321

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/30/15 13:27	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/30/15 13:27	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/30/15 13:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*		*05/30/15 13:27*	*1*
Toluene-d8 (Surr)	*102*		*71 - 126*		*05/30/15 13:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/30/15 13:27*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*05/30/15 13:27*	*1*

Lab Sample ID: LCS 480-245321/4
Matrix: Solid
Analysis Batch: 245321

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0243		mg/L		97	71 - 124
Chlorobenzene	0.0250	0.0251		mg/L		100	72 - 120
1,2-Dichloroethane	0.0250	0.0232		mg/L		93	75 - 127
1,1-Dichloroethene	0.0250	0.0246		mg/L		98	58 - 121
Tetrachloroethene	0.0250	0.0260		mg/L		104	74 - 122
Trichloroethene	0.0250	0.0247		mg/L		99	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*
Toluene-d8 (Surr)	*101*		*71 - 126*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

Lab Sample ID: LB 480-244697/1-A
Matrix: Solid
Analysis Batch: 245273

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 05:10	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 05:10	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 05:10	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 05:10	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 05:10	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 05:10	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 05:10	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 05:10	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 05:10	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 05:10	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*05/30/15 05:10*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 05:10*	*10*

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-244697/1-A
Matrix: Solid
Analysis Batch: 245273

Client Sample ID: Method Blank
Prep Type: TCLP

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		73 - 120		05/30/15 05:10	10
Dibromofluoromethane (Surr)	101		60 - 140		05/30/15 05:10	10

Lab Sample ID: 480-80997-8 MS
Matrix: Solid
Analysis Batch: 245321

Client Sample ID: West Monroe NY_Fortino Sample #34
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.250	0.251		mg/L		100	71 - 124
Chlorobenzene	ND		0.250	0.255		mg/L		102	72 - 120
1,2-Dichloroethane	ND		0.250	0.234		mg/L		94	75 - 127
1,1-Dichloroethene	ND		0.250	0.253		mg/L		101	58 - 121
Tetrachloroethene	ND		0.250	0.262		mg/L		105	74 - 122
Trichloroethene	ND		0.250	0.243		mg/L		97	74 - 123

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		66 - 137
Toluene-d8 (Surr)	103		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120
Dibromofluoromethane (Surr)	100		60 - 140

Lab Sample ID: 480-80997-8 MSD
Matrix: Solid
Analysis Batch: 245321

Client Sample ID: West Monroe NY_Fortino Sample #34
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		0.250	0.244		mg/L		98	71 - 124	3	13
Chlorobenzene	ND		0.250	0.246		mg/L		98	72 - 120	4	25
1,2-Dichloroethane	ND		0.250	0.221		mg/L		89	75 - 127	6	20
1,1-Dichloroethene	ND		0.250	0.244		mg/L		98	58 - 121	4	16
Tetrachloroethene	ND		0.250	0.251		mg/L		100	74 - 122	5	20
Trichloroethene	ND		0.250	0.234		mg/L		94	74 - 123	4	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120
Dibromofluoromethane (Surr)	100		60 - 140

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-182832/23-A
Matrix: Solid
Analysis Batch: 183251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 07:39	06/02/15 17:27	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 240-182832/23-A
Matrix: Solid
Analysis Batch: 183251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 07:39	06/02/15 17:27	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 07:39	06/02/15 17:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*29 - 151*	*05/29/15 07:39*	*06/02/15 17:27*	*1*
DCB Decachlorobiphenyl	*96*		*14 - 163*	*05/29/15 07:39*	*06/02/15 17:27*	*1*

Lab Sample ID: LCS 240-182832/24-A
Matrix: Solid
Analysis Batch: 183251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	333	272		ug/Kg		82	62 - 120
Aroclor-1260	333	330		ug/Kg		99	56 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*75*		*29 - 151*
DCB Decachlorobiphenyl	*108*		*14 - 163*

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-244900/2-A
Matrix: Solid
Analysis Batch: 245405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 14:37	1
Barium	ND		1.0	0.10	mg/L		05/28/15 10:58	05/29/15 14:37	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 14:37	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 14:37	1
Lead	ND		0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 14:37	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 14:37	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 14:37	1

Lab Sample ID: LCS 480-244900/3-A
Matrix: Solid
Analysis Batch: 245405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.10		mg/L		110	80 - 120
Barium	1.00	1.04		mg/L		104	80 - 120
Cadmium	1.00	1.05		mg/L		105	80 - 120
Chromium	1.00	0.970		mg/L		97	80 - 120
Lead	1.00	1.03		mg/L		103	80 - 120

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: LCS 480-244900/3-A
Matrix: Solid
Analysis Batch: 245405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244900

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Selenium			1.00	1.12		mg/L		112	80 - 120		
Silver			1.00	1.09		mg/L		109	80 - 120		

Lab Sample ID: LB 480-244694/1-B
Matrix: Solid
Analysis Batch: 245469

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244900

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	06/01/15 11:50	1
Barium	ND		1.0	0.10	mg/L		05/28/15 10:58	06/01/15 11:50	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/15 10:58	06/01/15 11:50	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	06/01/15 11:50	1
Lead	0.0236		0.020	0.0030	mg/L		05/28/15 10:58	06/01/15 11:50	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	06/01/15 11:50	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	06/01/15 11:50	1

Lab Sample ID: 480-80997-7 MS
Matrix: Solid
Analysis Batch: 245405

Client Sample ID: West Monroe NY_Fortino Sample #17
Prep Type: TCLP
Prep Batch: 244900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	ND		1.00	1.01		mg/L		101	75 - 125		
Barium	3.7	^ F1	1.00	4.35	^ F1	mg/L		70	75 - 125		
Cadmium	0.58		1.00	1.53		mg/L		95	75 - 125		
Chromium	ND		1.00	0.862		mg/L		86	75 - 125		
Lead	1.4	B	1.00	2.30		mg/L		87	75 - 125		
Selenium	ND		1.00	1.05		mg/L		105	75 - 125		
Silver	ND		1.00	1.01		mg/L		101	75 - 125		

Lab Sample ID: 480-80997-7 MSD
Matrix: Solid
Analysis Batch: 245405

Client Sample ID: West Monroe NY_Fortino Sample #17
Prep Type: TCLP
Prep Batch: 244900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.08		mg/L		108	75 - 125	6	20
Barium	3.7	^ F1	1.00	4.61	^	mg/L		96	75 - 125	6	20
Cadmium	0.58		1.00	1.63		mg/L		105	75 - 125	7	20
Chromium	ND		1.00	0.931		mg/L		93	75 - 125	8	20
Lead	1.4	B	1.00	2.44		mg/L		101	75 - 125	6	20
Selenium	ND		1.00	1.10		mg/L		110	75 - 125	5	20
Silver	ND		1.00	1.08		mg/L		108	75 - 125	6	20

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-244919/2-A
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244919

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:05	1

Lab Sample ID: LCS 480-244919/3-A
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00615		mg/L		92	80 - 120

Lab Sample ID: LB 480-244694/1-C
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:03	1

Lab Sample ID: 480-80997-7 MS
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: West Monroe NY_Fortino Sample #17
Prep Type: TCLP
Prep Batch: 244919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00560		mg/L		84	80 - 120

Lab Sample ID: 480-80997-7 MSD
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: West Monroe NY_Fortino Sample #17
Prep Type: TCLP
Prep Batch: 244919

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00555		mg/L		83	80 - 120	1	20

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method

Lab Sample ID: LCS 480-246681/1
Matrix: Solid
Analysis Batch: 246681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Lab Sample ID: 480-80997-4 DU
Matrix: Solid
Analysis Batch: 246681

Client Sample ID: West Monroe NY_Fortino Sample #3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Flashpoint	>176.0		>176.0		Degrees F		NC	10

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method: 9045D - pH

Lab Sample ID: LCS 480-244778/1
Matrix: Solid
Analysis Batch: 244778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	6.970		SU		100	99 - 101		

Lab Sample ID: 480-80997-1 DU
Matrix: Solid
Analysis Batch: 244778

Client Sample ID: West Monroe NY_Fortino Sample #51
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.40	HF		7.460		SU				0.8	5

GC/MS VOA

Leach Batch: 244697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	1311	
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	1311	
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	1311	
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	1311	
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	1311	
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	1311	
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	1311	
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	1311	
480-80997-8 MS	West Monroe NY_Fortino Sample #34	TCLP	Solid	1311	
480-80997-8 MSD	West Monroe NY_Fortino Sample #34	TCLP	Solid	1311	
LB 480-244697/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 245273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	8260C	244697
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	8260C	244697
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	8260C	244697
LB 480-244697/1-A	Method Blank	TCLP	Solid	8260C	244697
LCS 480-245273/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-245273/6	Method Blank	Total/NA	Solid	8260C	

Analysis Batch: 245321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	8260C	244697
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	8260C	244697
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	8260C	244697
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	8260C	244697
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	8260C	244697
480-80997-8 MS	West Monroe NY_Fortino Sample #34	TCLP	Solid	8260C	244697
480-80997-8 MSD	West Monroe NY_Fortino Sample #34	TCLP	Solid	8260C	244697
LCS 480-245321/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-245321/6	Method Blank	Total/NA	Solid	8260C	

GC Semi VOA

Prep Batch: 182832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	3540C	
480-80997-2	West Monroe NY_Fortino Sample #52	Total/NA	Solid	3540C	
480-80997-3	West Monroe NY_Fortino Sample #4	Total/NA	Solid	3540C	
480-80997-4	West Monroe NY_Fortino Sample #3	Total/NA	Solid	3540C	
480-80997-5	West Monroe NY_Fortino Sample #35	Total/NA	Solid	3540C	
480-80997-6	West Monroe NY_Fortino Sample #7	Total/NA	Solid	3540C	
480-80997-7	West Monroe NY_Fortino Sample #17	Total/NA	Solid	3540C	
480-80997-8	West Monroe NY_Fortino Sample #34	Total/NA	Solid	3540C	
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182832/23-A	Method Blank	Total/NA	Solid	3540C	

GC Semi VOA (Continued)

Analysis Batch: 183251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	8082A	182832
480-80997-2	West Monroe NY_Fortino Sample #52	Total/NA	Solid	8082A	182832
480-80997-3	West Monroe NY_Fortino Sample #4	Total/NA	Solid	8082A	182832
480-80997-4	West Monroe NY_Fortino Sample #3	Total/NA	Solid	8082A	182832
480-80997-5	West Monroe NY_Fortino Sample #35	Total/NA	Solid	8082A	182832
480-80997-6	West Monroe NY_Fortino Sample #7	Total/NA	Solid	8082A	182832
480-80997-7	West Monroe NY_Fortino Sample #17	Total/NA	Solid	8082A	182832
480-80997-8	West Monroe NY_Fortino Sample #34	Total/NA	Solid	8082A	182832
LCS 240-182832/24-A	Lab Control Sample	Total/NA	Solid	8082A	182832
MB 240-182832/23-A	Method Blank	Total/NA	Solid	8082A	182832

Metals

Leach Batch: 244694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	1311	
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	1311	
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	1311	
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	1311	
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	1311	
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	1311	
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	1311	
480-80997-7 MS	West Monroe NY_Fortino Sample #17	TCLP	Solid	1311	
480-80997-7 MSD	West Monroe NY_Fortino Sample #17	TCLP	Solid	1311	
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	1311	
LB 480-244694/1-B	Method Blank	TCLP	Solid	1311	
LB 480-244694/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 244900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	3010A	244694
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	3010A	244694
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	3010A	244694
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	3010A	244694
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	3010A	244694
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	3010A	244694
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	3010A	244694
480-80997-7 MS	West Monroe NY_Fortino Sample #17	TCLP	Solid	3010A	244694
480-80997-7 MSD	West Monroe NY_Fortino Sample #17	TCLP	Solid	3010A	244694
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	3010A	244694
LB 480-244694/1-B	Method Blank	TCLP	Solid	3010A	244694
LCS 480-244900/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-244900/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 244919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	7470A	244694
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	7470A	244694
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	7470A	244694
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	7470A	244694

Metals (Continued)

Prep Batch: 244919 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	7470A	244694
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	7470A	244694
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244694
480-80997-7 MS	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244694
480-80997-7 MSD	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244694
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	7470A	244694
LB 480-244694/1-C	Method Blank	TCLP	Solid	7470A	244694
LCS 480-244919/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-244919/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 244984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	7470A	244919
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	7470A	244919
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	7470A	244919
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	7470A	244919
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	7470A	244919
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	7470A	244919
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244919
480-80997-7 MS	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244919
480-80997-7 MSD	West Monroe NY_Fortino Sample #17	TCLP	Solid	7470A	244919
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	7470A	244919
LB 480-244694/1-C	Method Blank	TCLP	Solid	7470A	244919
LCS 480-244919/3-A	Lab Control Sample	Total/NA	Solid	7470A	244919
MB 480-244919/2-A	Method Blank	Total/NA	Solid	7470A	244919

Analysis Batch: 245405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	TCLP	Solid	6010C	244900
480-80997-2	West Monroe NY_Fortino Sample #52	TCLP	Solid	6010C	244900
480-80997-3	West Monroe NY_Fortino Sample #4	TCLP	Solid	6010C	244900
480-80997-4	West Monroe NY_Fortino Sample #3	TCLP	Solid	6010C	244900
480-80997-5	West Monroe NY_Fortino Sample #35	TCLP	Solid	6010C	244900
480-80997-6	West Monroe NY_Fortino Sample #7	TCLP	Solid	6010C	244900
480-80997-7	West Monroe NY_Fortino Sample #17	TCLP	Solid	6010C	244900
480-80997-7 MS	West Monroe NY_Fortino Sample #17	TCLP	Solid	6010C	244900
480-80997-7 MSD	West Monroe NY_Fortino Sample #17	TCLP	Solid	6010C	244900
480-80997-8	West Monroe NY_Fortino Sample #34	TCLP	Solid	6010C	244900
LCS 480-244900/3-A	Lab Control Sample	Total/NA	Solid	6010C	244900
MB 480-244900/2-A	Method Blank	Total/NA	Solid	6010C	244900

Analysis Batch: 245469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-244694/1-B	Method Blank	TCLP	Solid	6010C	244900

General Chemistry

Analysis Batch: 244730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 244730 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-2	West Monroe NY_Fortino Sample #52	Total/NA	Solid	Moisture	
480-80997-3	West Monroe NY_Fortino Sample #4	Total/NA	Solid	Moisture	
480-80997-4	West Monroe NY_Fortino Sample #3	Total/NA	Solid	Moisture	
480-80997-5	West Monroe NY_Fortino Sample #35	Total/NA	Solid	Moisture	
480-80997-6	West Monroe NY_Fortino Sample #7	Total/NA	Solid	Moisture	
480-80997-7	West Monroe NY_Fortino Sample #17	Total/NA	Solid	Moisture	
480-80997-8	West Monroe NY_Fortino Sample #34	Total/NA	Solid	Moisture	

Analysis Batch: 244778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	9045D	
480-80997-1 DU	West Monroe NY_Fortino Sample #51	Total/NA	Solid	9045D	
480-80997-2	West Monroe NY_Fortino Sample #52	Total/NA	Solid	9045D	
480-80997-3	West Monroe NY_Fortino Sample #4	Total/NA	Solid	9045D	
480-80997-4	West Monroe NY_Fortino Sample #3	Total/NA	Solid	9045D	
480-80997-5	West Monroe NY_Fortino Sample #35	Total/NA	Solid	9045D	
480-80997-6	West Monroe NY_Fortino Sample #7	Total/NA	Solid	9045D	
480-80997-7	West Monroe NY_Fortino Sample #17	Total/NA	Solid	9045D	
480-80997-8	West Monroe NY_Fortino Sample #34	Total/NA	Solid	9045D	
LCS 480-244778/1	Lab Control Sample	Total/NA	Solid	9045D	

Analysis Batch: 246681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80997-1	West Monroe NY_Fortino Sample #51	Total/NA	Solid	1010A	
480-80997-2	West Monroe NY_Fortino Sample #52	Total/NA	Solid	1010A	
480-80997-3	West Monroe NY_Fortino Sample #4	Total/NA	Solid	1010A	
480-80997-4	West Monroe NY_Fortino Sample #3	Total/NA	Solid	1010A	
480-80997-4 DU	West Monroe NY_Fortino Sample #3	Total/NA	Solid	1010A	
480-80997-5	West Monroe NY_Fortino Sample #35	Total/NA	Solid	1010A	
480-80997-6	West Monroe NY_Fortino Sample #7	Total/NA	Solid	1010A	
480-80997-7	West Monroe NY_Fortino Sample #17	Total/NA	Solid	1010A	
480-80997-8	West Monroe NY_Fortino Sample #34	Total/NA	Solid	1010A	
LCS 480-246681/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #51

Lab Sample ID: 480-80997-1
Matrix: Solid
Date Collected: 05/26/15 10:15
Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 08:25	EDB	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 13:38	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:10	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:19	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #52

Lab Sample ID: 480-80997-2
Matrix: Solid
Date Collected: 05/26/15 11:00
Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 08:53	EDB	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 13:55	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:13	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:24	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #4

Lab Sample ID: 480-80997-3
Matrix: Solid
Date Collected: 05/26/15 11:45
Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 09:21	EDB	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 14:11	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #4

Lab Sample ID: 480-80997-3
Date Collected: 05/26/15 11:45
Matrix: Solid
Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:17	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:26	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #3

Lab Sample ID: 480-80997-4
Date Collected: 05/26/15 13:30
Matrix: Solid
Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245321	05/30/15 19:56	RAS	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 14:27	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:20	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:27	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #35

Lab Sample ID: 480-80997-5
Date Collected: 05/26/15 14:10
Matrix: Solid
Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245321	05/30/15 20:23	RAS	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		500	183251	06/02/15 14:44	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:31	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:29	LRK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #35

Lab Sample ID: 480-80997-5
Date Collected: 05/26/15 14:10
Matrix: Solid
Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #7

Lab Sample ID: 480-80997-6
Date Collected: 05/26/15 14:35
Matrix: Solid
Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245321	05/30/15 20:51	RAS	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 15:00	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:34	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:30	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #17

Lab Sample ID: 480-80997-7
Date Collected: 05/26/15 15:25
Matrix: Solid
Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245321	05/30/15 21:18	RAS	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 15:16	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:38	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:32	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Client Sample ID: West Monroe NY_Fortino Sample #34

Lab Sample ID: 480-80997-8

Date Collected: 05/26/15 16:10

Matrix: Solid

Date Received: 05/27/15 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245321	05/30/15 21:45	RAS	TAL BUF
Total/NA	Prep	3540C			182832	05/29/15 07:39	DT	TAL CAN
Total/NA	Analysis	8082A		100	183251	06/02/15 15:33	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:53	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:39	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246681	06/07/15 16:09	STD	TAL BUF
Total/NA	Analysis	9045D		1	244778	05/27/15 15:20	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244730	05/27/15 14:34	CMK	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9045D	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80997-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80997-1	West Monroe NY_Fortino Sample #51	Solid	05/26/15 10:15	05/27/15 09:15
480-80997-2	West Monroe NY_Fortino Sample #52	Solid	05/26/15 11:00	05/27/15 09:15
480-80997-3	West Monroe NY_Fortino Sample #4	Solid	05/26/15 11:45	05/27/15 09:15
480-80997-4	West Monroe NY_Fortino Sample #3	Solid	05/26/15 13:30	05/27/15 09:15
480-80997-5	West Monroe NY_Fortino Sample #35	Solid	05/26/15 14:10	05/27/15 09:15
480-80997-6	West Monroe NY_Fortino Sample #7	Solid	05/26/15 14:35	05/27/15 09:15
480-80997-7	West Monroe NY_Fortino Sample #17	Solid	05/26/15 15:25	05/27/15 09:15
480-80997-8	West Monroe NY_Fortino Sample #34	Solid	05/26/15 16:10	05/27/15 09:15

>>> Select a Laboratory <<<
TA - Buffalo, NY
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Tom Binsfeld	Site Contact: Tom Binsfeld	Date: 10/26/15	COC No: 1 of 1 COCs
MJ Engineering & Land Surveying	Tel/Fax: 518-577-9959 (cell)	Lab Contact: A. Massa	Carrier:	Sampler:
1533 Crescent Rd	Analysis Turnaround Time			For Lab Use Only:
Clifton Park, NY 12065	☐ CALENDAR DAYS ☑ WORKING DAYS			Walk-in Client:
(518) 370-0799 Phone	TAT if different from Below _____			Lab Sampling:
(518) 371-0822 FAX	☑ 2 weeks			
Project Name: Fortino Tire Site Investigation	☐ 1 week			Job / SDG No.:
Site: Fortino Tire Site Investigation	☐ 2 days			
P O # (Project # 915.06)	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	8082 (PCBs)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 51	5/26	1015	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 52	5/26	1100	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 4	5/26	1145	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 3	5/26	1330	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 35	5/26	1410	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 7	5/26	1435	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 17	5/26	1525	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	
Fortino # 34	5/26	1610	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	X	

480-80997 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if s

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.:
Relinquished by:	Company: MJ Engineering	Date/Time: 5/26 1730	Received by:	Company: SRV	Date/Time: 5/26/15 1730
Relinquished by:	Company: SRA 5-26-15	Date/Time: 19:00	Received by: Carmen Wallace	Company: TAB	Date/Time: 5/27/15 9:15
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

FT 3.2, 3.0

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

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6/8/2015

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-24327.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 480-80997-1
Address: 4101 Shuffel Street NW, ,	Due Date Requested: 6/8/2015			
City: North Canton	TAT Requested (days):			
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Characterization Sample -West Monroe, NY	Project #: 48011778			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A/3540C PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:						in45
West Monroe NY_Fortino Sample #51 (480-80997-1)	5/26/15	10:15 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #52 (480-80997-2)	5/26/15	11:00 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #4 (480-80997-3)	5/26/15	11:45 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #3 (480-80997-4)	5/26/15	13:30 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #35 (480-80997-5)	5/26/15	14:10 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #7 (480-80997-6)	5/26/15	14:35 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #17 (480-80997-7)	5/26/15	15:25 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #34 (480-80997-8)	5/26/15	16:10 Eastern		Solid			X	1	

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Cameron Wallace	5/27/15 1700	TAB	Lance Hart	5/28/15 740	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

6/8/2015

TestAmerica Canton Sample Receipt Form/Narrative Login # : _____
Canton Facility

Client TH BUFFALO Site Name _____ Cooler unpacked by: Lance Hurd

Cooler Received on 5-28-15 Opened on 5-28-15

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt
   ~~IR GUN# A (CF +4.0 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~
   IR GUN# 4 (CF +0.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C ☐ See Multiple Cooler Form
   ~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~
   IR GUN# 8 (CF -1.2 °C) Observed Cooler Temp. 3.2 °C Corrected Cooler Temp. 2.0 °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes No
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the sampler(s) clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC432654
12. Were VOAs on the COC? Yes No
13. Were air bubbles >6 mm in any VOA vials? Yes No NA
14. Was a trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other
Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80997-1

Login Number: 80997

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	MJ ENGINEERING
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-80908-1
Client Project/Site: Characterization Sample -West Monroe, NY

For:
MJ Engineering & Land Surveying PC
1533 Crescent Road
Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld

Authorized for release by:
6/11/2015 7:19:24 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-80908-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-80908-1

Receipt
The samples were received on 5/23/2015 2:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.3º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4), West Monroe NY_Fortino Sample #22 (480-80908-5) and (LB 480-244697/1-A). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4), West Monroe NY_Fortino Sample #22 (480-80908-5), (480-80908-E-5-B MS) and (480-80908-E-5-C MSD). Reagents:2022870,1848563 and 1931923

Method(s) 8082A: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5). Reagents:2022870,1848563 and 1931923

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY_Fortino Sample #43 (480-80908-1) and West Monroe NY_Fortino Sample #55 (480-80908-2). Reagents:2022870,1848563 and 1931923

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5). Reagents: 2022870, 1848564, 1931921

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010C: The TCLP leachate blank, LB 480-244694 for batch 480-244900 contained Lead above the reporting limit (RL). Associated sample(s) West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the TCLP leachate blank.

Method(s) 6010C: The low level continuing calibration verification (CCVL 480-245405/34) for analytical batch 480-245405 contained Barium above the upper quality control limit. All reported TCLP samples associated with this CCVL contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5) was not performed.

Job ID: 480-80908-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe.West Monroe NY_Fortino Sample #43 (480-80908-1), West Monroe NY_Fortino Sample #55 (480-80908-2), West Monroe NY_Fortino Sample #54 (480-80908-3), West Monroe NY_Fortino Sample #53 (480-80908-4) and West Monroe NY_Fortino Sample #22 (480-80908-5)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #43 — Lab Sample ID: 480-80908-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	6100		4200	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	9900		4200	1800	ug/Kg	100	☼	8082A	Total/NA
Barium	3.1		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.79		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	3.4	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00012	J	0.00020	0.00012	mg/L	1		7470A	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.41	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #55 — Lab Sample ID: 480-80908-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	6900		4400	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	8400		4400	1800	ug/Kg	100	☼	8082A	Total/NA
Barium	4.5	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.38		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.1	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.12	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #54 — Lab Sample ID: 480-80908-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	61000		4300	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	43000		4300	1800	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0059	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	5.1	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.44		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.8	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.15	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #53 — Lab Sample ID: 480-80908-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	20000		4500	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	33000		4500	1900	ug/Kg	100	☼	8082A	Total/NA
Barium	6.7	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.51		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	6.3	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.99	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY_Fortino Sample #22 — Lab Sample ID: 480-80908-5

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: West Monroe NY_Fortino Sample #22 (Continued)

Lab Sample ID: 480-80908-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	14000		6900	2300	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	19000		6900	2900	ug/Kg	100	☼	8082A	Total/NA
Barium	6.7	^	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.53		0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	6.3	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.99	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: West Monroe NY_Fortino Sample #43

Lab Sample ID: 480-80908-1
Date Collected: 05/22/15 07:55
Matrix: Solid
Date Received: 05/23/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 05:38	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 05:38	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 05:38	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 05:38	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 05:38	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 05:38	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 05:38	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 05:38	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 05:38	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 05:38	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*05/30/15 05:38*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 05:38*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/30/15 05:38*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/30/15 05:38*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4200	1500	ug/Kg	☼	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1221	ND		4200	2100	ug/Kg	☼	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1232	ND		4200	2600	ug/Kg	☼	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1242	**6100**		4200	1400	ug/Kg	☼	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1248	ND		4200	1000	ug/Kg	☼	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1254	**9900**		4200	1800	ug/Kg	☼	06/09/15 09:48	06/10/15 23:43	100
Aroclor-1260	ND		4200	1200	ug/Kg	☼	06/09/15 09:48	06/10/15 23:43	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*06/09/15 09:48*	*06/10/15 23:43*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*06/09/15 09:48*	*06/10/15 23:43*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 14:43	1
Barium	**3.1**		1.0	0.10	mg/L		05/28/15 10:58	05/29/15 14:43	1
Cadmium	**0.79**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 14:43	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 14:43	1
Lead	**3.4**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 14:43	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 14:43	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 14:43	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00012**	**J**	0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:08	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**7.41**	**HF**	0.100	0.100	SU			05/26/15 13:05	1

Client Sample ID: West Monroe NY_Fortino Sample #55
Lab Sample ID: 480-80908-2
Date Collected: 05/22/15 08:45
Matrix: Solid
Date Received: 05/23/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 06:06	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 06:06	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 06:06	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 06:06	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 06:06	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 06:06	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 06:06	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 06:06	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 06:06	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 06:06	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*05/30/15 06:06*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 06:06*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/30/15 06:06*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/30/15 06:06*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1600	ug/Kg	☼	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1221	ND		4400	2100	ug/Kg	☼	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1232	ND		4400	2600	ug/Kg	☼	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1242	**6900**		4400	1500	ug/Kg	☼	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1248	ND		4400	1100	ug/Kg	☼	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1254	**8400**		4400	1800	ug/Kg	☼	06/09/15 09:48	06/11/15 00:02	100
Aroclor-1260	ND		4400	1200	ug/Kg	☼	06/09/15 09:48	06/11/15 00:02	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*06/09/15 09:48*	*06/11/15 00:02*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*06/09/15 09:48*	*06/11/15 00:02*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 14:55	1
Barium	**4.5**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 14:55	1
Cadmium	**0.38**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 14:55	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 14:55	1
Lead	**2.1**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 14:55	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 14:55	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 14:55	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:10	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**7.12**	**HF**	0.100	0.100	SU			05/26/15 13:05	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #54
Date Collected: 05/22/15 09:20
Date Received: 05/23/15 02:30

Lab Sample ID: 480-80908-3
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 06:34	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 06:34	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 06:34	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 06:34	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 06:34	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 06:34	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 06:34	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 06:34	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 06:34	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 06:34	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*05/30/15 06:34*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 06:34*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/30/15 06:34*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/30/15 06:34*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	☼	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1221	ND		4300	2100	ug/Kg	☼	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1232	ND		4300	2600	ug/Kg	☼	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1242	**61000**		4300	1400	ug/Kg	☼	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1248	ND		4300	1000	ug/Kg	☼	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1254	**43000**		4300	1800	ug/Kg	☼	06/09/15 09:48	06/11/15 00:21	100
Aroclor-1260	ND		4300	1200	ug/Kg	☼	06/09/15 09:48	06/11/15 00:21	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*322*	*X*	*29 - 151*	*06/09/15 09:48*	*06/11/15 00:21*	*100*
DCB Decachlorobiphenyl	*88*		*14 - 163*	*06/09/15 09:48*	*06/11/15 00:21*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0059**	**J**	0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 14:58	1
Barium	**5.1**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 14:58	1
Cadmium	**0.44**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 14:58	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 14:58	1
Lead	**2.8**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 14:58	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 14:58	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 14:58	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:11	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**7.15**	**HF**	0.100	0.100	SU			05/26/15 13:05	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #53
Date Collected: 05/22/15 10:05
Date Received: 05/23/15 02:30

Lab Sample ID: 480-80908-4
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 07:02	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 07:02	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 07:02	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 07:02	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 07:02	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 07:02	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 07:02	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 07:02	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 07:02	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 07:02	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*05/30/15 07:02*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 07:02*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/30/15 07:02*	*10*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*05/30/15 07:02*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4500	1600	ug/Kg	☼	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1221	ND		4500	2200	ug/Kg	☼	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1232	ND		4500	2700	ug/Kg	☼	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1242	**20000**		4500	1500	ug/Kg	☼	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1248	ND		4500	1100	ug/Kg	☼	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1254	**33000**		4500	1900	ug/Kg	☼	06/09/15 09:48	06/11/15 00:40	100
Aroclor-1260	ND		4500	1200	ug/Kg	☼	06/09/15 09:48	06/11/15 00:40	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*06/09/15 09:48*	*06/11/15 00:40*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*06/09/15 09:48*	*06/11/15 00:40*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:01	1
Barium	**6.7**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:01	1
Cadmium	**0.51**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:01	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:01	1
Lead	**6.3**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:01	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:01	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:01	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**6.99**	**HF**	0.100	0.100	SU			05/26/15 13:05	1

Client Sample ID: West Monroe NY_Fortino Sample #22
Lab Sample ID: 480-80908-5
Date Collected: 05/22/15 10:55
Matrix: Solid
Date Received: 05/23/15 02:30

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 07:30	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 07:30	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 07:30	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 07:30	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 07:30	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 07:30	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 07:30	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 07:30	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 07:30	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 07:30	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*05/30/15 07:30*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 07:30*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/30/15 07:30*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/30/15 07:30*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		6900	2500	ug/Kg	☼	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1221	ND		6900	3300	ug/Kg	☼	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1232	ND		6900	4200	ug/Kg	☼	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1242	**14000**		6900	2300	ug/Kg	☼	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1248	ND		6900	1700	ug/Kg	☼	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1254	**19000**		6900	2900	ug/Kg	☼	06/09/15 09:48	06/11/15 00:59	100
Aroclor-1260	ND		6900	1900	ug/Kg	☼	06/09/15 09:48	06/11/15 00:59	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*06/09/15 09:48*	*06/11/15 00:59*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*06/09/15 09:48*	*06/11/15 00:59*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 15:04	1
Barium	**6.7**	**^**	1.0	0.10	mg/L		05/28/15 10:58	05/29/15 15:04	1
Cadmium	**0.53**		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 15:04	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 15:04	1
Lead	**6.3**	**B**	0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 15:04	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 15:04	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 15:04	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:15	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**6.99**	**HF**	0.100	0.100	SU			05/26/15 13:05	1

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Method: 8260C - TCLP Volatiles

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
LCS 480-245273/4	Lab Control Sample	99	102	101	101
MB 480-245273/6	Method Blank	100	101	99	102

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-80908-1	West Monroe NY_Fortino Sampl	98	101	100	100
480-80908-2	West Monroe NY_Fortino Sample #55	98	101	100	100
480-80908-3	West Monroe NY_Fortino Sample #54	100	101	100	100
480-80908-4	West Monroe NY_Fortino Sample #53	98	101	99	99
480-80908-5	West Monroe NY_Fortino Sample #22	99	101	100	100
LB 480-244697/1-A	Method Blank	99	101	100	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(29-151)	(14-163)
480-80908-1	West Monroe NY_Fortino Sampl	0 X	0 X
480-80908-2	West Monroe NY_Fortino Sample #55	0 X	0 X
480-80908-3	West Monroe NY_Fortino Sample #54	322 X	88
480-80908-4	West Monroe NY_Fortino Sample #53	0 X	0 X
480-80908-5	West Monroe NY_Fortino Sample #22	0 X	0 X
LCS 240-184319/21-A	Lab Control Sample	63	68
MB 240-184319/20-A	Method Blank	64	65

Surrogate Legend

TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

DCB = DCB Decachlorobiphenyl

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-245273/6
Matrix: Solid
Analysis Batch: 245273

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/30/15 01:00	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/30/15 01:00	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/30/15 01:00	1
Chloroform	ND		0.0010	0.00034	mg/L			05/30/15 01:00	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/30/15 01:00	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/30/15 01:00	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/30/15 01:00	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/30/15 01:00	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/30/15 01:00	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/30/15 01:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*66 - 137*		*05/30/15 01:00*	*1*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 01:00*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/30/15 01:00*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*05/30/15 01:00*	*1*

Lab Sample ID: LCS 480-245273/4
Matrix: Solid
Analysis Batch: 245273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0262		mg/L		105	71 - 124
Chlorobenzene	0.0250	0.0264		mg/L		106	72 - 120
1,2-Dichloroethane	0.0250	0.0247		mg/L		99	75 - 127
1,1-Dichloroethene	0.0250	0.0262		mg/L		105	58 - 121
Tetrachloroethene	0.0250	0.0274		mg/L		110	74 - 122
Trichloroethene	0.0250	0.0262		mg/L		105	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*
Toluene-d8 (Surr)	*102*		*71 - 126*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

Lab Sample ID: LB 480-244697/1-A
Matrix: Solid
Analysis Batch: 245273

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/30/15 05:10	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/30/15 05:10	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/30/15 05:10	10
Chloroform	ND		0.010	0.0034	mg/L			05/30/15 05:10	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/30/15 05:10	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/30/15 05:10	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/30/15 05:10	10

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-244697/1-A
Matrix: Solid
Analysis Batch: 245273

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/30/15 05:10	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/30/15 05:10	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/30/15 05:10	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*66 - 137*		*05/30/15 05:10*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/30/15 05:10*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/30/15 05:10*	*10*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*05/30/15 05:10*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-184319/20-A
Matrix: Solid
Analysis Batch: 184597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 184319

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1221	ND		33	16	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1232	ND		33	20	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1242	ND		33	11	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1248	ND		33	8.0	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1254	ND		33	14	ug/Kg		06/09/15 09:48	06/11/15 05:45	1
Aroclor-1260	ND		33	9.0	ug/Kg		06/09/15 09:48	06/11/15 05:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*29 - 151*	*06/09/15 09:48*	*06/11/15 05:45*	*1*
DCB Decachlorobiphenyl	*65*		*14 - 163*	*06/09/15 09:48*	*06/11/15 05:45*	*1*

Lab Sample ID: LCS 240-184319/21-A
Matrix: Solid
Analysis Batch: 184597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 184319

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			333	213		ug/Kg		64	62 - 120		
Aroclor-1260			333	226		ug/Kg		68	56 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*63*		*29 - 151*
DCB Decachlorobiphenyl	*68*		*14 - 163*

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-244900/2-A
Matrix: Solid
Analysis Batch: 245405

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	05/29/15 14:37	1
Barium	ND		1.0	0.10	mg/L		05/28/15 10:58	05/29/15 14:37	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/15 10:58	05/29/15 14:37	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	05/29/15 14:37	1
Lead	ND		0.020	0.0030	mg/L		05/28/15 10:58	05/29/15 14:37	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	05/29/15 14:37	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	05/29/15 14:37	1

Lab Sample ID: LCS 480-244900/3-A
Matrix: Solid
Analysis Batch: 245405

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.10		mg/L		110	80 - 120
Barium	1.00	1.04		mg/L		104	80 - 120
Cadmium	1.00	1.05		mg/L		105	80 - 120
Chromium	1.00	0.970		mg/L		97	80 - 120
Lead	1.00	1.03		mg/L		103	80 - 120
Selenium	1.00	1.12		mg/L		112	80 - 120
Silver	1.00	1.09		mg/L		109	80 - 120

Lab Sample ID: LB 480-244694/1-B
Matrix: Solid
Analysis Batch: 245469

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244900

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/28/15 10:58	06/01/15 11:50	1
Barium	ND		1.0	0.10	mg/L		05/28/15 10:58	06/01/15 11:50	1
Cadmium	ND		0.0020	0.00050	mg/L		05/28/15 10:58	06/01/15 11:50	1
Chromium	ND		0.020	0.010	mg/L		05/28/15 10:58	06/01/15 11:50	1
Lead	0.0236		0.020	0.0030	mg/L		05/28/15 10:58	06/01/15 11:50	1
Selenium	ND		0.025	0.0087	mg/L		05/28/15 10:58	06/01/15 11:50	1
Silver	ND		0.0060	0.0017	mg/L		05/28/15 10:58	06/01/15 11:50	1

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-244919/2-A
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244919

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:05	1

Lab Sample ID: LCS 480-244919/3-A
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00615		mg/L		92	80 - 120

Method: 7470A - TCLP Mercury (Continued)

Lab Sample ID: LB 480-244694/1-C
Matrix: Solid
Analysis Batch: 244984

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244919

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/28/15 11:30	05/28/15 15:03	1

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method

Lab Sample ID: LCS 480-246318/1
Matrix: Solid
Analysis Batch: 246318

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	82.00		Degrees F		101	97.5 - 102.5		

Method: 9045D - pH

Lab Sample ID: LCS 480-244511/1
Matrix: Solid
Analysis Batch: 244511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	7.050		SU		101	99 - 101		

Lab Sample ID: 480-80908-1 DU
Matrix: Solid
Analysis Batch: 244511

Client Sample ID: West Monroe NY_Fortino Sample #43
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.41	HF		7.390		SU				0.3	5

QC Association Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

GC/MS VOA

Leach Batch: 244697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	1311	
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	1311	
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	1311	
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	1311	
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	1311	
LB 480-244697/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 245273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	8260C	244697
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	8260C	244697
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	8260C	244697
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	8260C	244697
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	8260C	244697
LB 480-244697/1-A	Method Blank	TCLP	Solid	8260C	244697
LCS 480-245273/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-245273/6	Method Blank	Total/NA	Solid	8260C	

GC Semi VOA

Prep Batch: 184319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	Total/NA	Solid	3540C	
480-80908-2	West Monroe NY_Fortino Sample #55	Total/NA	Solid	3540C	
480-80908-3	West Monroe NY_Fortino Sample #54	Total/NA	Solid	3540C	
480-80908-4	West Monroe NY_Fortino Sample #53	Total/NA	Solid	3540C	
480-80908-5	West Monroe NY_Fortino Sample #22	Total/NA	Solid	3540C	
LCS 240-184319/21-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-184319/20-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 184597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	Total/NA	Solid	8082A	184319
480-80908-2	West Monroe NY_Fortino Sample #55	Total/NA	Solid	8082A	184319
480-80908-3	West Monroe NY_Fortino Sample #54	Total/NA	Solid	8082A	184319
480-80908-4	West Monroe NY_Fortino Sample #53	Total/NA	Solid	8082A	184319
480-80908-5	West Monroe NY_Fortino Sample #22	Total/NA	Solid	8082A	184319
LCS 240-184319/21-A	Lab Control Sample	Total/NA	Solid	8082A	184319
MB 240-184319/20-A	Method Blank	Total/NA	Solid	8082A	184319

Metals

Leach Batch: 244694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	1311	
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	1311	
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	1311	
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	1311	
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	1311	
LB 480-244694/1-B	Method Blank	TCLP	Solid	1311	

Metals (Continued)

Leach Batch: 244694 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-244694/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 244900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	3010A	244694
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	3010A	244694
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	3010A	244694
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	3010A	244694
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	3010A	244694
LB 480-244694/1-B	Method Blank	TCLP	Solid	3010A	244694
LCS 480-244900/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-244900/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 244919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	7470A	244694
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	7470A	244694
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	7470A	244694
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	7470A	244694
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	7470A	244694
LB 480-244694/1-C	Method Blank	TCLP	Solid	7470A	244694
LCS 480-244919/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-244919/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 244984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	7470A	244919
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	7470A	244919
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	7470A	244919
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	7470A	244919
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	7470A	244919
LB 480-244694/1-C	Method Blank	TCLP	Solid	7470A	244919
LCS 480-244919/3-A	Lab Control Sample	Total/NA	Solid	7470A	244919
MB 480-244919/2-A	Method Blank	Total/NA	Solid	7470A	244919

Analysis Batch: 245405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	TCLP	Solid	6010C	244900
480-80908-2	West Monroe NY_Fortino Sample #55	TCLP	Solid	6010C	244900
480-80908-3	West Monroe NY_Fortino Sample #54	TCLP	Solid	6010C	244900
480-80908-4	West Monroe NY_Fortino Sample #53	TCLP	Solid	6010C	244900
480-80908-5	West Monroe NY_Fortino Sample #22	TCLP	Solid	6010C	244900
LCS 480-244900/3-A	Lab Control Sample	Total/NA	Solid	6010C	244900
MB 480-244900/2-A	Method Blank	Total/NA	Solid	6010C	244900

Analysis Batch: 245469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-244694/1-B	Method Blank	TCLP	Solid	6010C	244900

General Chemistry

Analysis Batch: 244294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	Total/NA	Solid	Moisture	
480-80908-2	West Monroe NY_Fortino Sample #55	Total/NA	Solid	Moisture	
480-80908-3	West Monroe NY_Fortino Sample #54	Total/NA	Solid	Moisture	
480-80908-4	West Monroe NY_Fortino Sample #53	Total/NA	Solid	Moisture	
480-80908-5	West Monroe NY_Fortino Sample #22	Total/NA	Solid	Moisture	

Analysis Batch: 244511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	Total/NA	Solid	9045D	
480-80908-1 DU	West Monroe NY_Fortino Sample #43	Total/NA	Solid	9045D	
480-80908-2	West Monroe NY_Fortino Sample #55	Total/NA	Solid	9045D	
480-80908-3	West Monroe NY_Fortino Sample #54	Total/NA	Solid	9045D	
480-80908-4	West Monroe NY_Fortino Sample #53	Total/NA	Solid	9045D	
480-80908-5	West Monroe NY_Fortino Sample #22	Total/NA	Solid	9045D	
LCS 480-244511/1	Lab Control Sample	Total/NA	Solid	9045D	

Analysis Batch: 246318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80908-1	West Monroe NY_Fortino Sample #43	Total/NA	Solid	1010A	
480-80908-2	West Monroe NY_Fortino Sample #55	Total/NA	Solid	1010A	
480-80908-3	West Monroe NY_Fortino Sample #54	Total/NA	Solid	1010A	
480-80908-4	West Monroe NY_Fortino Sample #53	Total/NA	Solid	1010A	
480-80908-5	West Monroe NY_Fortino Sample #22	Total/NA	Solid	1010A	
LCS 480-246318/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #43

Lab Sample ID: 480-80908-1
Matrix: Solid
Date Collected: 05/22/15 07:55
Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 05:38	EDB	TAL BUF
Total/NA	Prep	3540C			184319	06/09/15 09:48	SDE	TAL CAN
Total/NA	Analysis	8082A		100	184597	06/10/15 23:43	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 14:43	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:08	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244511	05/26/15 13:05	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244294	05/23/15 15:58	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #55

Lab Sample ID: 480-80908-2
Matrix: Solid
Date Collected: 05/22/15 08:45
Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 06:06	EDB	TAL BUF
Total/NA	Prep	3540C			184319	06/09/15 09:48	SDE	TAL CAN
Total/NA	Analysis	8082A		100	184597	06/11/15 00:02	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 14:55	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:10	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244511	05/26/15 13:05	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244294	05/23/15 15:58	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #54

Lab Sample ID: 480-80908-3
Matrix: Solid
Date Collected: 05/22/15 09:20
Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 06:34	EDB	TAL BUF
Total/NA	Prep	3540C			184319	06/09/15 09:48	SDE	TAL CAN
Total/NA	Analysis	8082A		100	184597	06/11/15 00:21	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #54

Lab Sample ID: 480-80908-3
Date Collected: 05/22/15 09:20
Matrix: Solid
Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 14:58	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:11	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244511	05/26/15 13:05	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244294	05/23/15 15:58	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #53

Lab Sample ID: 480-80908-4
Date Collected: 05/22/15 10:05
Matrix: Solid
Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 07:02	EDB	TAL BUF
Total/NA	Prep	3540C			184319	06/09/15 09:48	SDE	TAL CAN
Total/NA	Analysis	8082A		100	184597	06/11/15 00:40	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:01	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:13	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244511	05/26/15 13:05	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244294	05/23/15 15:58	CMK	TAL BUF

Client Sample ID: West Monroe NY_Fortino Sample #22

Lab Sample ID: 480-80908-5
Date Collected: 05/22/15 10:55
Matrix: Solid
Date Received: 05/23/15 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244697	05/27/15 11:32	JLS	TAL BUF
TCLP	Analysis	8260C		10	245273	05/30/15 07:30	EDB	TAL BUF
Total/NA	Prep	3540C			184319	06/09/15 09:48	SDE	TAL CAN
Total/NA	Analysis	8082A		100	184597	06/11/15 00:59	HMB	TAL CAN
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	3010A			244900	05/28/15 10:58	TAS	TAL BUF
TCLP	Analysis	6010C		1	245405	05/29/15 15:04	AMH	TAL BUF
TCLP	Leach	1311			244694	05/27/15 11:27	JLS	TAL BUF
TCLP	Prep	7470A			244919	05/28/15 11:30	LRK	TAL BUF
TCLP	Analysis	7470A		1	244984	05/28/15 15:15	LRK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Client Sample ID: West Monroe NY_Fortino Sample #22
Date Collected: 05/22/15 10:55
Date Received: 05/23/15 02:30

Lab Sample ID: 480-80908-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244511	05/26/15 13:05	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244294	05/23/15 15:58	CMK	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9045D	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80908-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80908-1	West Monroe NY_Fortino Sample #43	Solid	05/22/15 07:55	05/23/15 02:30
480-80908-2	West Monroe NY_Fortino Sample #55	Solid	05/22/15 08:45	05/23/15 02:30
480-80908-3	West Monroe NY_Fortino Sample #54	Solid	05/22/15 09:20	05/23/15 02:30
480-80908-4	West Monroe NY_Fortino Sample #53	Solid	05/22/15 10:05	05/23/15 02:30
480-80908-5	West Monroe NY_Fortino Sample #22	Solid	05/22/15 10:55	05/23/15 02:30

>>> Select a Laboratory <<<
TA - Buffalo, NY
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Tom Binsfeld	Site Contact: Tom Binsfeld	Date: 5/22/15	COC No:
MJ Engineering & Land Surveying	Tel/Fax: 518-577-9959 (cell)	Lab Contact: A. Massa	Carrier:	1 of 1 COCs
1533 Crescent Rd	Analysis Turnaround Time			Sampler:
Clifton Park, NY 12065	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
(518) 370-0799 Phone	TAT if different from Below _____			Walk-in Client:
(518) 371-0822 FAX	☑ 2 weeks			Lab Sampling:
Project Name: Fortino Tire Site Investigation	☐ 1 week			
Site: Fortino Tire Site Investigation	☐ 2 days			Job / SDG No.:
P O # (Project # 915.06)	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 43	5/22	0755	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 55	5/22	0845	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 54	5/22	920	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 53	5/22	1005	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 22	5/22	1055	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample #								X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample #								X	X	X	X	X	X	X	X	X	X	X	

480-80908 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: MJ Engineering	Date/Time: 5/22 1200	Received by:	Company: Sya	Date/Time: 5-22-15, 12:00
Relinquished by:	Company: Sya 5-22-15	Date/Time: 19:00	Received by:	Company: TAB	Date/Time: 22MAY15 0230
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

0.3 #1

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

1.81 C.O.C

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-24320.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Analysis Requested		Job #: 480-80908-1
Address: 4101 Shuffel Street NW, ,	Due Date Requested: 6/4/2015			Preservation Codes:
City: North Canton	TAT Requested (days):			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2SO3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - ph 4-5; Z - other (specify); Other:
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Characterization Sample -West Monroe, NY	Project #: 48011778			
Site:	SSOW#:			W36

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A/3540C PCBs	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
West Monroe NY_Fortino Sample #43 (480-80908-1)	5/22/15	07:55 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #55 (480-80908-2)	5/22/15	08:45 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #54 (480-80908-3)	5/22/15	09:20 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #53 (480-80908-4)	5/22/15	10:05 Eastern		Solid			X	1	
West Monroe NY_Fortino Sample #22 (480-80908-5)	5/22/15	10:55 Eastern		Solid			X	1	

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 5/26/15 1700	Company: TA Buff	Received by:	Date/Time: 5/27/15 1000	Company: TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

6/11/2015

TestAmerica Canton Sample Receipt Form/Narrative **Login # :** _____
Canton Facility

Client TA Buffalo Site Name _____ Cooler unpacked by:

Cooler Received on 5/26/15 Opened on 5/27/15

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

~~IR GUN# A (CF +4.0 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C~~

IR GUN# 4 (CF +0.5 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C ☐ See Multiple Cooler Form

~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C~~

IR GUN# 8 (CF -1.2 °C) Observed Cooler Temp. 1.8 °C Corrected Cooler Temp. 0.6 °C

2.	Were custody seals on the outside of the cooler(s)? If Yes Quantity 3	Yes	No
	-Were custody seals on the outside of the cooler(s) signed & dated?	Yes	No NA
	-Were custody seals on the bottle(s)?	Yes	No
3.	Shippers' packing slip attached to the cooler(s)?	Yes	No
4.	Did custody papers accompany the sample(s)?	Yes	No
5.	Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6.	Was/were the sampler(s) clearly identified on the COC?	Yes	No
7.	Did all bottles arrive in good condition (Unbroken)?	Yes	No
8.	Could all bottle labels be reconciled with the COC?	Yes	No
9.	Were correct bottle(s) used for the test(s) indicated?	Yes	No
10.	Sufficient quantity received to perform indicated analyses?	Yes	No
11.	Were sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC432654
12.	Were VOAs on the COC?	Yes	No
13.	Were air bubbles >6 mm in any VOA vials?	Yes	No NA
14.	Was a trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____.

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80908-1

Login Number: 80908

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	MJ ENGINEERING
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-80758-1
Client Project/Site: Characterization Sample -West Monroe, NY

For:
MJ Engineering & Land Surveying PC
1533 Crescent Road
Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld

Authorized for release by:
6/5/2015 12:13:52 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-80758-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-80758-1

Receipt
The samples were received on 5/21/2015 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4º C and 0.7º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: West Monroe NY-Fortino Sample #18 (480-80758-1), West Monroe NY-Fortino Sample #26 (480-80758-2), West Monroe NY-Fortino Sample #27 (480-80758-3), West Monroe NY-Fortino Sample #02 (480-80758-4), West Monroe NY-Fortino Sample #28 (480-80758-5), West Monroe NY-Fortino Sample #37 (480-80758-6), West Monroe NY-Fortino Sample #36 (480-80758-7), West Monroe NY-Fortino Sample #42 (480-80758-8), West Monroe NY-Fortino Sample #38 (480-80758-9), West Monroe NY-Fortino Sample #30 (480-80758-10), (LB 480-244321/1-A), (480-80758-A-1-B MS) and (480-80758-A-1-B MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8081B: The following sample was diluted due to the nature of the sample matrix: West Monroe NY-Fortino Sample #38 (480-80758-9). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8151A: The following samples were diluted due to the nature of the sample matrix: West Monroe NY-Fortino Sample #18 (480-80758-1), West Monroe NY-Fortino Sample #26 (480-80758-2), West Monroe NY-Fortino Sample #27 (480-80758-3), West Monroe NY-Fortino Sample #02 (480-80758-4), West Monroe NY-Fortino Sample #28 (480-80758-5), West Monroe NY-Fortino Sample #37 (480-80758-6), West Monroe NY-Fortino Sample #36 (480-80758-7), West Monroe NY-Fortino Sample #42 (480-80758-8), West Monroe NY-Fortino Sample #38 (480-80758-9) and West Monroe NY-Fortino Sample #30 (480-80758-10). Elevated reporting limits (RLs) are provided.

Method(s) 8151A: Surrogate recovery for the following samples were outside control limits: West Monroe NY-Fortino Sample #37 (480-80758-6), West Monroe NY-Fortino Sample #36 (480-80758-7), West Monroe NY-Fortino Sample #42 (480-80758-8), West Monroe NY-Fortino Sample #38 (480-80758-9), West Monroe NY-Fortino Sample #30 (480-80758-10) and (LB 480-244318/1-F). This is routine for TCLP herbicides, due to the pH effects created during the leaching process, inhibiting the herbicide derivatization of the free acid components.

Method(s) 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: West Monroe NY-Fortino Sample #38 (480-80758-9) and West Monroe NY-Fortino Sample #30 (480-80758-10).

Method(s) 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample #18 (480-80758-1), West Monroe NY-Fortino Sample #26 (480-80758-2), West Monroe NY-Fortino Sample #27 (480-80758-3), West Monroe NY-Fortino Sample #02 (480-80758-4), West Monroe NY-Fortino Sample #28 (480-80758-5), West Monroe NY-Fortino Sample #37 (480-80758-6) and West Monroe NY-Fortino Sample #36 (480-80758-7). The sample(s) has been quantified and reported as a mixture of Aroclor. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Method(s) 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample #27 (480-80758-3) and West Monroe NY-Fortino Sample #28 (480-80758-5). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Job ID: 480-80758-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010C: The TCLP leachate blank, LB 480-244318 for prep batch 480-244469 contained Cadmium and Lead above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the TCLP leachate blank.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method(s) 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe.West Monroe NY-Fortino Sample #18 (480-80758-1), West Monroe NY-Fortino Sample #26 (480-80758-2), West Monroe NY-Fortino Sample #27 (480-80758-3), West Monroe NY-Fortino Sample #02 (480-80758-4), West Monroe NY-Fortino Sample #28 (480-80758-5), West Monroe NY-Fortino Sample #37 (480-80758-6), West Monroe NY-Fortino Sample #36 (480-80758-7), West Monroe NY-Fortino Sample #42 (480-80758-8), West Monroe NY-Fortino Sample #38 (480-80758-9) and West Monroe NY-Fortino Sample #30 (480-80758-10)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with extraction batch 244507.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #18 — Lab Sample ID: 480-80758-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	15000		4400	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	14000		4400	1900	ug/Kg	100	☼	8082A	Total/NA
Barium	3.7	F1	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.64	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.5	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	4.5		0.27	0.11	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.15	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #26 — Lab Sample ID: 480-80758-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	25000		4200	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	16000		4200	1800	ug/Kg	100	☼	8082A	Total/NA
Barium	2.2		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.43	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.8	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00013	J	0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	4.5		0.26	0.11	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.97	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #27 — Lab Sample ID: 480-80758-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	18000		5000	1700	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	14000		5000	2100	ug/Kg	100	☼	8082A	Total/NA
Barium	4.1		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.51	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.2	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	5.5		0.31	0.13	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.16	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #02 — Lab Sample ID: 480-80758-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	39000		8500	2800	ug/Kg	200	☼	8082A	Total/NA
Aroclor-1254	45000		8500	3600	ug/Kg	200	☼	8082A	Total/NA
Barium	4.5		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	1.2	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.4	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.72		0.024	0.0096	mg/Kg	1	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.11	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #28 — Lab Sample ID: 480-80758-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
gamma-BHC (Lindane)	0.000060	J	0.00020	0.0000060	mg/L	1		8081B	TCLP
Endrin	0.000070	J	0.00020	0.000014	mg/L	1		8081B	TCLP
Aroclor-1242	22000		2200	720	ug/Kg	50	☼	8082A	Total/NA
Aroclor-1254	39000		2200	920	ug/Kg	50	☼	8082A	Total/NA
Arsenic	0.0091	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	6.5		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.63	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.014	J	0.020	0.010	mg/L	1		6010C	TCLP
Lead	3.0	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00049		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	3.7		0.25	0.10	mg/Kg	10	☼	7471B	Total/NA
Sulfide, Reactive	8.0	J	10	0.57	mg/Kg	1		9034	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.17	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #37 — Lab Sample ID: 480-80758-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	19000		4600	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	20000		4600	2000	ug/Kg	100	☼	8082A	Total/NA
Barium	3.6		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.58	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.011	J	0.020	0.010	mg/L	1		6010C	TCLP
Lead	1.8	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00094		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	4.2		0.28	0.11	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.00	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #36 — Lab Sample ID: 480-80758-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	18000		4500	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	37000		4500	1900	ug/Kg	100	☼	8082A	Total/NA
Barium	2.7		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.66	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.0	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00031		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	4.4		0.28	0.11	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.11	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #42 — Lab Sample ID: 480-80758-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	16000		4700	1600	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	30000		4700	2000	ug/Kg	100	☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Client Sample ID: West Monroe NY-Fortino Sample #42 (Continued)

Lab Sample ID: 480-80758-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	3.9		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.55	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.6	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00037		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	4.7		0.28	0.11	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.97	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #38

Lab Sample ID: 480-80758-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
3-Methylphenol	0.079		0.010	0.00040	mg/L	1		8270D	TCLP
2-Methylphenol	0.0057		0.0050	0.00040	mg/L	1		8270D	TCLP
4-Methylphenol	0.079		0.010	0.00036	mg/L	1		8270D	TCLP
Aroclor-1242	380		47	16	ug/Kg	1	☼	8082A	Total/NA
Aroclor-1254	300		47	20	ug/Kg	1	☼	8082A	Total/NA
Arsenic	0.0062	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	4.3		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.44	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.019	J	0.020	0.010	mg/L	1		6010C	TCLP
Lead	2.2	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.0011		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	4.1		0.26	0.11	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.44	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample #30

Lab Sample ID: 480-80758-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Endrin	0.000046	J	0.00020	0.000014	mg/L	1		8081B	TCLP
Aroclor-1242	190		47	16	ug/Kg	1	☼	8082A	Total/NA
Aroclor-1254	140		47	20	ug/Kg	1	☼	8082A	Total/NA
Arsenic	0.0064	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	4.5		1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.44	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.4	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00026		0.00020	0.00012	mg/L	1		7470A	TCLP
Mercury	6.2		0.28	0.11	mg/Kg	10	☼	7471B	Total/NA

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.16	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #18
Date Collected: 05/20/15 09:20
Date Received: 05/21/15 02:00

Lab Sample ID: 480-80758-1
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 00:36	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 00:36	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 00:36	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 00:36	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 00:36	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 00:36	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 00:36	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 00:36	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 00:36	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 00:36	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*05/27/15 00:36*	*10*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/27/15 00:36*	*10*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*05/27/15 00:36*	*10*
Dibromofluoromethane (Surr)	*104*		*60 - 140*		*05/27/15 00:36*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 15:04	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 15:04	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 15:04	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 15:04	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 15:04	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 15:04	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 15:04	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 15:04	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 15:04	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 15:04	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 15:04	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 15:04	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*83*		*52 - 132*	*05/27/15 08:54*	*05/28/15 15:04*	*1*
2-Fluorobiphenyl	*71*		*48 - 120*	*05/27/15 08:54*	*05/28/15 15:04*	*1*
2-Fluorophenol	*43*		*20 - 120*	*05/27/15 08:54*	*05/28/15 15:04*	*1*
Nitrobenzene-d5	*85*		*46 - 120*	*05/27/15 08:54*	*05/28/15 15:04*	*1*
p-Terphenyl-d14	*92*		*67 - 150*	*05/27/15 08:54*	*05/28/15 15:04*	*1*
Phenol-d5	*33*		*16 - 120*	*05/27/15 08:54*	*05/28/15 15:04*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 13:44	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 13:44	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 13:44	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 13:44	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 13:44	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 13:44	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 13:44	1

Client Sample ID: West Monroe NY-Fortino Sample #18

Lab Sample ID: 480-80758-1
Date Collected: 05/20/15 09:20
Matrix: Solid
Date Received: 05/21/15 02:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*57*		*20 - 120*	*05/26/15 14:08*	*05/27/15 13:44*	*1*
Tetrachloro-m-xylene	*73*		*36 - 120*	*05/26/15 14:08*	*05/27/15 13:44*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1600	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1221	ND		4400	2200	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1232	ND		4400	2700	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1242	**15000**		4400	1500	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1248	ND		4400	1100	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1254	**14000**		4400	1900	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100
Aroclor-1260	ND		4400	1200	ug/Kg	☼	05/29/15 07:13	06/02/15 23:33	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:13*	*06/02/15 23:33*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/02/15 23:33*	*100*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L		05/27/15 09:14	06/01/15 14:51	5
2,4-D	ND		0.010	0.0020	mg/L		05/27/15 09:14	06/01/15 14:51	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*58*		*35 - 143*	*05/27/15 09:14*	*06/01/15 14:51*	*5*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:19	1
Barium	**3.7**	**F1**	1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:19	1
Cadmium	**0.64**	**B**	0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:19	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:19	1
Lead	**2.5**	**B**	0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:19	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:19	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:19	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 09:04	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**4.5**		0.27	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:36	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:16	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/01/15 14:43	1
pH	**7.15**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #26
Date Collected: 05/20/15 10:00
Date Received: 05/21/15 02:00

Lab Sample ID: 480-80758-2
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 00:59	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 00:59	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 00:59	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 00:59	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 00:59	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 00:59	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 00:59	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 00:59	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 00:59	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 00:59	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*05/27/15 00:59*	*10*
Toluene-d8 (Surr)	*100*		*71 - 126*		*05/27/15 00:59*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*05/27/15 00:59*	*10*
Dibromofluoromethane (Surr)	*104*		*60 - 140*		*05/27/15 00:59*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 15:30	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 15:30	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 15:30	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 15:30	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 15:30	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 15:30	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 15:30	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 15:30	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 15:30	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 15:30	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 15:30	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 15:30	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*74*		*52 - 132*	*05/27/15 08:54*	*05/28/15 15:30*	*1*
2-Fluorobiphenyl	*63*		*48 - 120*	*05/27/15 08:54*	*05/28/15 15:30*	*1*
2-Fluorophenol	*38*		*20 - 120*	*05/27/15 08:54*	*05/28/15 15:30*	*1*
Nitrobenzene-d5	*74*		*46 - 120*	*05/27/15 08:54*	*05/28/15 15:30*	*1*
p-Terphenyl-d14	*80*		*67 - 150*	*05/27/15 08:54*	*05/28/15 15:30*	*1*
Phenol-d5	*28*		*16 - 120*	*05/27/15 08:54*	*05/28/15 15:30*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 14:02	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 14:02	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:02	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 14:02	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 14:02	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:02	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 14:02	1

Client Sample ID: West Monroe NY-Fortino Sample #26

Lab Sample ID: 480-80758-2

Date Collected: 05/20/15 10:00

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*20 - 120*	*05/26/15 14:08*	*05/27/15 14:02*	*1*
Tetrachloro-m-xylene	*62*		*36 - 120*	*05/26/15 14:08*	*05/27/15 14:02*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4200	1500	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1221	ND		4200	2000	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1232	ND		4200	2500	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1242	**25000**		4200	1400	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1248	ND		4200	1000	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1254	**16000**		4200	1800	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100
Aroclor-1260	ND		4200	1100	ug/Kg	☼	05/29/15 07:13	06/02/15 23:52	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:13*	*06/02/15 23:52*	*100*
DCB Decachlorobiphenyl	*8*	*p X*	*14 - 163*	*05/29/15 07:13*	*06/02/15 23:52*	*100*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L		05/27/15 09:14	06/01/15 15:20	5
2,4-D	ND		0.010	0.0020	mg/L		05/27/15 09:14	06/01/15 15:20	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*42*		*35 - 143*	*05/27/15 09:14*	*06/01/15 15:20*	*5*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:42	1
Barium	**2.2**		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:42	1
Cadmium	**0.43**	**B**	0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:42	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:42	1
Lead	**2.8**	**B**	0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:42	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:42	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:42	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00013**	**J**	0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 09:12	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**4.5**		0.26	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:38	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:18	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/01/15 14:43	1
pH	**6.97**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #27
Date Collected: 05/20/15 10:30
Date Received: 05/21/15 02:00

Lab Sample ID: 480-80758-3
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 01:21	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 01:21	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 01:21	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 01:21	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 01:21	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 01:21	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 01:21	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 01:21	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 01:21	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 01:21	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*66 - 137*		*05/27/15 01:21*	*10*
Toluene-d8 (Surr)	*99*		*71 - 126*		*05/27/15 01:21*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/27/15 01:21*	*10*
Dibromofluoromethane (Surr)	*105*		*60 - 140*		*05/27/15 01:21*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 15:56	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 15:56	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 15:56	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 15:56	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 15:56	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 15:56	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 15:56	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 15:56	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 15:56	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 15:56	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 15:56	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 15:56	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*83*		*52 - 132*	*05/27/15 08:54*	*05/28/15 15:56*	*1*
2-Fluorobiphenyl	*70*		*48 - 120*	*05/27/15 08:54*	*05/28/15 15:56*	*1*
2-Fluorophenol	*43*		*20 - 120*	*05/27/15 08:54*	*05/28/15 15:56*	*1*
Nitrobenzene-d5	*82*		*46 - 120*	*05/27/15 08:54*	*05/28/15 15:56*	*1*
p-Terphenyl-d14	*86*		*67 - 150*	*05/27/15 08:54*	*05/28/15 15:56*	*1*
Phenol-d5	*32*		*16 - 120*	*05/27/15 08:54*	*05/28/15 15:56*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 14:21	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 14:21	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:21	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 14:21	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 14:21	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:21	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 14:21	1

Client Sample ID: West Monroe NY-Fortino Sample #27

Lab Sample ID: 480-80758-3

Date Collected: 05/20/15 10:30

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*45*		*20 - 120*	*05/26/15 14:08*	*05/27/15 14:21*	*1*
Tetrachloro-m-xylene	*69*		*36 - 120*	*05/26/15 14:08*	*05/27/15 14:21*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		5000	1800	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1221	ND		5000	2400	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1232	ND		5000	3100	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1242	**18000**		5000	1700	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1248	ND		5000	1200	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1254	**14000**		5000	2100	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100
Aroclor-1260	ND		5000	1400	ug/Kg	☼	05/29/15 07:13	06/03/15 09:35	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:13*	*06/03/15 09:35*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/03/15 09:35*	*100*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L		05/27/15 09:14	06/01/15 15:50	5
2,4-D	ND		0.010	0.0020	mg/L		05/27/15 09:14	06/01/15 15:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*35*		*35 - 143*	*05/27/15 09:14*	*06/01/15 15:50*	*5*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:45	1
Barium	**4.1**		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:45	1
Cadmium	**0.51**	**B**	0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:45	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:45	1
Lead	**2.2**	**B**	0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:45	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:45	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:45	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 09:14	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**5.5**		0.31	0.13	mg/Kg	☼	06/02/15 14:00	06/02/15 16:39	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		9.9	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:19	1
Sulfide, Reactive	ND		9.9	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/01/15 14:43	1
pH	**7.16**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #02
Date Collected: 05/20/15 12:10
Date Received: 05/21/15 02:00

Lab Sample ID: 480-80758-4
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 01:44	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 01:44	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 01:44	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 01:44	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 01:44	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 01:44	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 01:44	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 01:44	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 01:44	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 01:44	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*05/27/15 01:44*	*10*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/27/15 01:44*	*10*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*05/27/15 01:44*	*10*
Dibromofluoromethane (Surr)	*106*		*60 - 140*		*05/27/15 01:44*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 16:22	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 16:22	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 16:22	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 16:22	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 16:22	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 16:22	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 16:22	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 16:22	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 16:22	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 16:22	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 16:22	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 16:22	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*79*		*52 - 132*	*05/27/15 08:54*	*05/28/15 16:22*	*1*
2-Fluorobiphenyl	*69*		*48 - 120*	*05/27/15 08:54*	*05/28/15 16:22*	*1*
2-Fluorophenol	*42*		*20 - 120*	*05/27/15 08:54*	*05/28/15 16:22*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*05/27/15 08:54*	*05/28/15 16:22*	*1*
p-Terphenyl-d14	*91*		*67 - 150*	*05/27/15 08:54*	*05/28/15 16:22*	*1*
Phenol-d5	*33*		*16 - 120*	*05/27/15 08:54*	*05/28/15 16:22*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 14:39	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 14:39	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:39	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 14:39	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 14:39	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:39	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 14:39	1

Client Sample ID: West Monroe NY-Fortino Sample #02

Lab Sample ID: 480-80758-4
Matrix: Solid
Date Collected: 05/20/15 12:10
Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		20 - 120	05/26/15 14:08	05/27/15 14:39	1
Tetrachloro-m-xylene	66		36 - 120	05/26/15 14:08	05/27/15 14:39	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		8500	3100	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1221	ND		8500	4100	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1232	ND		8500	5100	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1242	**39000**		8500	2800	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1248	ND		8500	2100	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1254	**45000**		8500	3600	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200
Aroclor-1260	ND		8500	2300	ug/Kg	☼	05/29/15 07:13	06/03/15 00:30	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	0	X	29 - 151	05/29/15 07:13	06/03/15 00:30	200
DCB Decachlorobiphenyl	0	X	14 - 163	05/29/15 07:13	06/03/15 00:30	200

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L		05/27/15 09:14	06/01/15 16:20	5
2,4-D	ND		0.010	0.0020	mg/L		05/27/15 09:14	06/01/15 16:20	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	48		35 - 143	05/27/15 09:14	06/01/15 16:20	5

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:48	1
Barium	**4.5**		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:48	1
Cadmium	**1.2**	**B**	0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:48	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:48	1
Lead	**2.4**	**B**	0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:48	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:48	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:48	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 09:19	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.72**		0.024	0.0096	mg/Kg	☼	06/02/15 14:00	06/02/15 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		9.9	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:21	1
Sulfide, Reactive	ND		9.9	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/02/15 14:52	1
pH	**7.11**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #28
Date Collected: 05/20/15 14:10
Date Received: 05/21/15 02:00

Lab Sample ID: 480-80758-5
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 02:06	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 02:06	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 02:06	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 02:06	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 02:06	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 02:06	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 02:06	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 02:06	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 02:06	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 02:06	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*05/27/15 02:06*	*10*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/27/15 02:06*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/27/15 02:06*	*10*
Dibromofluoromethane (Surr)	*106*		*60 - 140*		*05/27/15 02:06*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 16:49	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 16:49	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 16:49	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 16:49	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 16:49	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 16:49	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 16:49	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 16:49	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 16:49	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 16:49	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 16:49	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 16:49	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*82*		*52 - 132*	*05/27/15 08:54*	*05/28/15 16:49*	*1*
2-Fluorobiphenyl	*78*		*48 - 120*	*05/27/15 08:54*	*05/28/15 16:49*	*1*
2-Fluorophenol	*48*		*20 - 120*	*05/27/15 08:54*	*05/28/15 16:49*	*1*
Nitrobenzene-d5	*87*		*46 - 120*	*05/27/15 08:54*	*05/28/15 16:49*	*1*
p-Terphenyl-d14	*94*		*67 - 150*	*05/27/15 08:54*	*05/28/15 16:49*	*1*
Phenol-d5	*36*		*16 - 120*	*05/27/15 08:54*	*05/28/15 16:49*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	**0.000060**	**J**	0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 14:58	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 14:58	1
Endrin	**0.000070**	**J**	0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:58	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 14:58	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 14:58	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 14:58	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 14:58	1

Client Sample ID: West Monroe NY-Fortino Sample #28

Lab Sample ID: 480-80758-5

Date Collected: 05/20/15 14:10

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	60		20 - 120	05/26/15 14:08	05/27/15 14:58	1
Tetrachloro-m-xylene	74		36 - 120	05/26/15 14:08	05/27/15 14:58	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2200	790	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1221	ND		2200	1100	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1232	ND		2200	1300	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1242	**22000**		2200	720	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1248	ND		2200	530	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1254	**39000**		2200	920	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50
Aroclor-1260	ND		2200	590	ug/Kg	☼	05/29/15 07:13	06/03/15 09:54	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	112		29 - 151	05/29/15 07:13	06/03/15 09:54	50
DCB Decachlorobiphenyl	298	p X	14 - 163	05/29/15 07:13	06/03/15 09:54	50

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L		05/27/15 09:14	06/01/15 16:49	5
2,4-D	ND		0.010	0.0020	mg/L		05/27/15 09:14	06/01/15 16:49	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	53		35 - 143	05/27/15 09:14	06/01/15 16:49	5

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0091**	**J**	0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:51	1
Barium	**6.5**		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:51	1
Cadmium	**0.63**	**B**	0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:51	1
Chromium	**0.014**	**J**	0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:51	1
Lead	**3.0**	**B**	0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:51	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:51	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:51	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00049**		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 09:20	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**3.7**		0.25	0.10	mg/Kg	☼	06/02/15 14:00	06/02/15 16:45	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:22	1
Sulfide, Reactive	**8.0**	**J**	10	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/02/15 14:52	1
pH	**7.17**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #37
Date Collected: 05/20/15 14:35
Date Received: 05/21/15 02:00

Lab Sample ID: 480-80758-6
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 02:29	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 02:29	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 02:29	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 02:29	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 02:29	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 02:29	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 02:29	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 02:29	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 02:29	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 02:29	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*66 - 137*		*05/27/15 02:29*	*10*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/27/15 02:29*	*10*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*05/27/15 02:29*	*10*
Dibromofluoromethane (Surr)	*112*		*60 - 140*		*05/27/15 02:29*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 17:15	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 17:15	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 17:15	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 17:15	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 17:15	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 17:15	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 17:15	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 17:15	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 17:15	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 17:15	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 17:15	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 17:15	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*74*		*52 - 132*	*05/27/15 08:54*	*05/28/15 17:15*	*1*
2-Fluorobiphenyl	*78*		*48 - 120*	*05/27/15 08:54*	*05/28/15 17:15*	*1*
2-Fluorophenol	*46*		*20 - 120*	*05/27/15 08:54*	*05/28/15 17:15*	*1*
Nitrobenzene-d5	*91*		*46 - 120*	*05/27/15 08:54*	*05/28/15 17:15*	*1*
p-Terphenyl-d14	*92*		*67 - 150*	*05/27/15 08:54*	*05/28/15 17:15*	*1*
Phenol-d5	*35*		*16 - 120*	*05/27/15 08:54*	*05/28/15 17:15*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 15:53	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 15:53	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 15:53	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 15:53	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 15:53	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 15:53	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 15:53	1

Client Sample ID: West Monroe NY-Fortino Sample #37

Lab Sample ID: 480-80758-6

Date Collected: 05/20/15 14:35

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*20 - 120*	*05/26/15 14:08*	*05/27/15 15:53*	*1*
Tetrachloro-m-xylene	*68*		*36 - 120*	*05/26/15 14:08*	*05/27/15 15:53*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4600	1700	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1221	ND		4600	2200	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1232	ND		4600	2800	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1242	**19000**		4600	1500	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1248	ND		4600	1100	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1254	**20000**		4600	2000	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100
Aroclor-1260	ND		4600	1300	ug/Kg	☼	05/29/15 07:13	06/03/15 01:08	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:13*	*06/03/15 01:08*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/03/15 01:08*	*100*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L		05/27/15 09:14	06/01/15 17:19	5
2,4-D	ND		0.010	0.0020	mg/L		05/27/15 09:14	06/01/15 17:19	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*24*	*X*	*35 - 143*	*05/27/15 09:14*	*06/01/15 17:19*	*5*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:54	1
Barium	**3.6**		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:54	1
Cadmium	**0.58**	**B**	0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:54	1
Chromium	**0.011**	**J**	0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:54	1
Lead	**1.8**	**B**	0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:54	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:54	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:54	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00094**		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 09:22	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**4.2**		0.28	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:46	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:24	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/02/15 14:52	1
pH	**7.00**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #36
Date Collected: 05/20/15 15:10
Date Received: 05/21/15 02:00

Lab Sample ID: 480-80758-7
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 02:51	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 02:51	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 02:51	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 02:51	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 02:51	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 02:51	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 02:51	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 02:51	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 02:51	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 02:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*05/27/15 02:51*	*10*
Toluene-d8 (Surr)	*102*		*71 - 126*		*05/27/15 02:51*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/27/15 02:51*	*10*
Dibromofluoromethane (Surr)	*109*		*60 - 140*		*05/27/15 02:51*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 17:41	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 17:41	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 17:41	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 17:41	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 17:41	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 17:41	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 17:41	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 17:41	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 17:41	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 17:41	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 17:41	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 17:41	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*66*		*52 - 132*	*05/27/15 08:54*	*05/28/15 17:41*	*1*
2-Fluorobiphenyl	*70*		*48 - 120*	*05/27/15 08:54*	*05/28/15 17:41*	*1*
2-Fluorophenol	*45*		*20 - 120*	*05/27/15 08:54*	*05/28/15 17:41*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*05/27/15 08:54*	*05/28/15 17:41*	*1*
p-Terphenyl-d14	*93*		*67 - 150*	*05/27/15 08:54*	*05/28/15 17:41*	*1*
Phenol-d5	*34*		*16 - 120*	*05/27/15 08:54*	*05/28/15 17:41*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 16:12	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 16:12	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 16:12	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 16:12	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 16:12	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 16:12	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 16:12	1

Client Sample ID: West Monroe NY-Fortino Sample #36

Lab Sample ID: 480-80758-7

Date Collected: 05/20/15 15:10

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*20 - 120*	*05/26/15 14:08*	*05/27/15 16:12*	*1*
Tetrachloro-m-xylene	*72*		*36 - 120*	*05/26/15 14:08*	*05/27/15 16:12*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND	F2	4500	1600	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1221	ND		4500	2200	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1232	ND		4500	2700	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1242	**18000**		4500	1500	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1248	ND		4500	1100	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1254	**37000**		4500	1900	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100
Aroclor-1260	ND		4500	1200	ug/Kg	☼	05/29/15 07:13	06/03/15 01:27	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:13*	*06/03/15 01:27*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/03/15 01:27*	*100*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L		05/27/15 09:14	06/01/15 17:49	5
2,4-D	ND		0.010	0.0020	mg/L		05/27/15 09:14	06/01/15 17:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*13*	*X*	*35 - 143*	*05/27/15 09:14*	*06/01/15 17:49*	*5*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:57	1
Barium	**2.7**		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:57	1
Cadmium	**0.66**	**B**	0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:57	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:57	1
Lead	**1.0**	**B**	0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:57	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:57	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:57	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00031**		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 09:24	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**4.4**		0.28	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:48	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:25	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/02/15 14:52	1
pH	**7.11**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #42
Date Collected: 05/20/15 15:40
Date Received: 05/21/15 02:00

Lab Sample ID: 480-80758-8
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 03:14	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 03:14	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 03:14	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 03:14	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 03:14	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 03:14	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 03:14	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 03:14	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 03:14	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 03:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*66 - 137*		*05/27/15 03:14*	*10*
Toluene-d8 (Surr)	*100*		*71 - 126*		*05/27/15 03:14*	*10*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*05/27/15 03:14*	*10*
Dibromofluoromethane (Surr)	*113*		*60 - 140*		*05/27/15 03:14*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 18:07	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 18:07	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 18:07	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 18:07	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 18:07	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 18:07	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 18:07	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 18:07	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 18:07	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 18:07	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 18:07	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 18:07	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*72*		*52 - 132*	*05/27/15 08:54*	*05/28/15 18:07*	*1*
2-Fluorobiphenyl	*78*		*48 - 120*	*05/27/15 08:54*	*05/28/15 18:07*	*1*
2-Fluorophenol	*53*		*20 - 120*	*05/27/15 08:54*	*05/28/15 18:07*	*1*
Nitrobenzene-d5	*93*		*46 - 120*	*05/27/15 08:54*	*05/28/15 18:07*	*1*
p-Terphenyl-d14	*90*		*67 - 150*	*05/27/15 08:54*	*05/28/15 18:07*	*1*
Phenol-d5	*37*		*16 - 120*	*05/27/15 08:54*	*05/28/15 18:07*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 16:31	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 16:31	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 16:31	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 16:31	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 16:31	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 16:31	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 16:31	1

Client Sample ID: West Monroe NY-Fortino Sample #42

Lab Sample ID: 480-80758-8

Date Collected: 05/20/15 15:40

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*20 - 120*	*05/26/15 14:08*	*05/27/15 16:31*	*1*
Tetrachloro-m-xylene	*68*		*36 - 120*	*05/26/15 14:08*	*05/27/15 16:31*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4700	1700	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1221	ND		4700	2300	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1232	ND		4700	2800	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1242	**16000**		4700	1600	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1248	ND		4700	1100	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1254	**30000**		4700	2000	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100
Aroclor-1260	ND		4700	1300	ug/Kg	☼	05/29/15 08:04	06/03/15 12:24	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 08:04*	*06/03/15 12:24*	*100*
DCB Decachlorobiphenyl	*149*	*p*	*14 - 163*	*05/29/15 08:04*	*06/03/15 12:24*	*100*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.020	0.0036	mg/L		05/27/15 09:14	06/01/15 18:18	10
2,4-D	ND		0.020	0.0040	mg/L		05/27/15 09:14	06/01/15 18:18	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*0*	*X*	*35 - 143*	*05/27/15 09:14*	*06/01/15 18:18*	*10*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 14:08	1
Barium	**3.9**		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 14:08	1
Cadmium	**0.55**	**B**	0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 14:08	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 14:08	1
Lead	**1.6**	**B**	0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 14:08	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 14:08	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 14:08	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00037**		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 09:26	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**4.7**		0.28	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:50	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:26	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/02/15 14:52	1
pH	**6.97**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #38
Date Collected: 05/20/15 16:15
Date Received: 05/21/15 02:00

Lab Sample ID: 480-80758-9
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 03:36	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 03:36	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 03:36	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 03:36	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 03:36	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 03:36	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 03:36	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 03:36	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 03:36	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 03:36	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*		*05/27/15 03:36*	*10*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/27/15 03:36*	*10*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*05/27/15 03:36*	*10*
Dibromofluoromethane (Surr)	*106*		*60 - 140*		*05/27/15 03:36*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 18:33	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 18:33	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 18:33	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 18:33	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 18:33	1
3-Methylphenol	**0.079**		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 18:33	1
2-Methylphenol	**0.0057**		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 18:33	1
4-Methylphenol	**0.079**		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 18:33	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 18:33	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 18:33	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 18:33	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 18:33	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*83*		*52 - 132*	*05/27/15 08:54*	*05/28/15 18:33*	*1*
2-Fluorobiphenyl	*69*		*48 - 120*	*05/27/15 08:54*	*05/28/15 18:33*	*1*
2-Fluorophenol	*49*		*20 - 120*	*05/27/15 08:54*	*05/28/15 18:33*	*1*
Nitrobenzene-d5	*84*		*46 - 120*	*05/27/15 08:54*	*05/28/15 18:33*	*1*
p-Terphenyl-d14	*91*		*67 - 150*	*05/27/15 08:54*	*05/28/15 18:33*	*1*
Phenol-d5	*34*		*16 - 120*	*05/27/15 08:54*	*05/28/15 18:33*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.0010	0.000030	mg/L		05/26/15 14:08	05/27/15 16:49	5
Chlordane (technical)	ND		0.010	0.00015	mg/L		05/26/15 14:08	05/27/15 16:49	5
Endrin	ND		0.0010	0.000069	mg/L		05/26/15 14:08	05/27/15 16:49	5
Heptachlor	ND		0.0010	0.000043	mg/L		05/26/15 14:08	05/27/15 16:49	5
Heptachlor epoxide	ND		0.0010	0.000027	mg/L		05/26/15 14:08	05/27/15 16:49	5
Methoxychlor	ND		0.0010	0.000071	mg/L		05/26/15 14:08	05/27/15 16:49	5
Toxaphene	ND		0.010	0.00060	mg/L		05/26/15 14:08	05/27/15 16:49	5

Client Sample ID: West Monroe NY-Fortino Sample #38

Lab Sample ID: 480-80758-9

Date Collected: 05/20/15 16:15

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*	*X*	*20 - 120*	*05/26/15 14:08*	*05/27/15 16:49*	*5*
Tetrachloro-m-xylene	*169*	*X*	*36 - 120*	*05/26/15 14:08*	*05/27/15 16:49*	*5*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		47	17	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1221	ND		47	23	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1232	ND		47	28	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1242	**380**		47	16	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1248	ND		47	11	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1254	**300**		47	20	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1
Aroclor-1260	ND		47	13	ug/Kg	☼	05/29/15 08:04	06/01/15 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 08:04*	*06/01/15 13:02*	*1*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 08:04*	*06/01/15 13:02*	*1*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L		05/27/15 09:14	06/01/15 18:48	5
2,4-D	ND		0.010	0.0020	mg/L		05/27/15 09:14	06/01/15 18:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*30*	*X*	*35 - 143*	*05/27/15 09:14*	*06/01/15 18:48*	*5*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0062**	**J**	0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 14:11	1
Barium	**4.3**		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 14:11	1
Cadmium	**0.44**	**B**	0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 14:11	1
Chromium	**0.019**	**J**	0.020	0.010	mg/L		05/26/15 12:53	05/27/15 14:11	1
Lead	**2.2**	**B**	0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 14:11	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 14:11	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 14:11	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0011**		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 09:27	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**4.1**		0.26	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:52	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:28	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/02/15 14:52	1
pH	**7.44**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #30
Date Collected: 05/20/15 16:55
Date Received: 05/21/15 02:00

Lab Sample ID: 480-80758-10
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 03:58	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 03:58	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 03:58	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 03:58	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 03:58	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 03:58	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 03:58	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 03:58	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 03:58	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 03:58	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*66 - 137*		*05/27/15 03:58*	*10*
Toluene-d8 (Surr)	*99*		*71 - 126*		*05/27/15 03:58*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/27/15 03:58*	*10*
Dibromofluoromethane (Surr)	*107*		*60 - 140*		*05/27/15 03:58*	*10*

Method: 8270D - TCLP Semivolatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 18:59	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 18:59	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 18:59	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 18:59	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 18:59	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 18:59	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 18:59	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 18:59	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 18:59	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 18:59	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 18:59	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 18:59	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*81*		*52 - 132*	*05/27/15 08:54*	*05/28/15 18:59*	*1*
2-Fluorobiphenyl	*77*		*48 - 120*	*05/27/15 08:54*	*05/28/15 18:59*	*1*
2-Fluorophenol	*52*		*20 - 120*	*05/27/15 08:54*	*05/28/15 18:59*	*1*
Nitrobenzene-d5	*92*		*46 - 120*	*05/27/15 08:54*	*05/28/15 18:59*	*1*
p-Terphenyl-d14	*86*		*67 - 150*	*05/27/15 08:54*	*05/28/15 18:59*	*1*
Phenol-d5	*34*		*16 - 120*	*05/27/15 08:54*	*05/28/15 18:59*	*1*

Method: 8081B - TCLP Pesticides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 17:08	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 17:08	1
Endrin	**0.000046**	**J**	0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 17:08	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 17:08	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 17:08	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 17:08	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 17:08	1

Client Sample ID: West Monroe NY-Fortino Sample #30

Lab Sample ID: 480-80758-10

Date Collected: 05/20/15 16:55

Matrix: Solid

Date Received: 05/21/15 02:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*20 - 120*	*05/26/15 14:08*	*05/27/15 17:08*	*1*
Tetrachloro-m-xylene	*77*		*36 - 120*	*05/26/15 14:08*	*05/27/15 17:08*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		47	17	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1221	ND		47	23	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1232	ND		47	28	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1242	**190**		47	16	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1248	ND		47	11	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1254	**140**		47	20	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1
Aroclor-1260	ND		47	13	ug/Kg	☼	05/29/15 08:04	06/01/15 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 08:04*	*06/01/15 13:19*	*1*
DCB Decachlorobiphenyl	*4*	*X*	*14 - 163*	*05/29/15 08:04*	*06/01/15 13:19*	*1*

Method: 8151 - TCLP Herbicides - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.010	0.0018	mg/L		05/27/15 09:14	06/01/15 19:17	5
2,4-D	ND		0.010	0.0020	mg/L		05/27/15 09:14	06/01/15 19:17	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*18*	*X*	*35 - 143*	*05/27/15 09:14*	*06/01/15 19:17*	*5*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0064**	**J**	0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 14:14	1
Barium	**4.5**		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 14:14	1
Cadmium	**0.44**	**B**	0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 14:14	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 14:14	1
Lead	**2.4**	**B**	0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 14:14	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 14:14	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 14:14	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00026**		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 09:29	1

Method: 7471B - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**6.2**		0.28	0.11	mg/Kg	☼	06/02/15 14:00	06/02/15 16:53	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:32	1
Sulfide, Reactive	ND		10	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/01/15 14:43	1
pH	**7.16**	**HF**	0.100	0.100	SU			05/21/15 16:30	1

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8260C - TCLP Volatiles

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
LCS 480-244561/4	Lab Control Sample	110	101	105	110
MB 480-244561/6	Method Blank	104	98	102	102

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-80758-1	West Monroe NY-Fortino Sampl	103	98	97	104
480-80758-1 MS	West Monroe NY-Fortino Sample #18	103	105	102	105
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	97	102	103	101
480-80758-2	West Monroe NY-Fortino Sample #26	107	100	100	104
480-80758-3	West Monroe NY-Fortino Sample #27	108	99	99	105
480-80758-4	West Monroe NY-Fortino Sample #02	112	98	98	106
480-80758-5	West Monroe NY-Fortino Sample #28	112	98	99	106
480-80758-6	West Monroe NY-Fortino Sample #37	112	98	95	112
480-80758-7	West Monroe NY-Fortino Sample #36	115	102	99	109
480-80758-8	West Monroe NY-Fortino Sample #42	115	100	98	113
480-80758-9	West Monroe NY-Fortino Sample #38	110	98	97	106
480-80758-10	West Monroe NY-Fortino Sample #30	113	99	99	107
LB 480-244321/1-A	Method Blank	107	100	99	106

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - TCLP Semivolatiles

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
LCS 480-244633/2-A	Lab Control Sample	85	75	47	75	99	36

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8270D - TCLP Semivolatiles (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
MB 480-244633/1-A	Method Blank	60	69	43	79	100	33

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8270D - TCLP Semivolatiles

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPH	PHL
Lab Sample ID	Client Sample ID	(52-132)	(48-120)	(20-120)	(46-120)	(67-150)	(16-120)
480-80758-1	West Monroe NY-Fortino Sampl	83	71	43	85	92	33
480-80758-2	West Monroe NY-Fortino Sample #26	74	63	38	74	80	28
480-80758-3	West Monroe NY-Fortino Sample #27	83	70	43	82	86	32
480-80758-4	West Monroe NY-Fortino Sample #02	79	69	42	80	91	33
480-80758-5	West Monroe NY-Fortino Sample #28	82	78	48	87	94	36
480-80758-6	West Monroe NY-Fortino Sample #37	74	78	46	91	92	35
480-80758-7	West Monroe NY-Fortino Sample #36	66	70	45	86	93	34
480-80758-8	West Monroe NY-Fortino Sample #42	72	78	53	93	90	37
480-80758-9	West Monroe NY-Fortino Sample #38	83	69	49	84	91	34
480-80758-10	West Monroe NY-Fortino Sample #30	81	77	52	92	86	34
LB 480-244318/1-E	Method Blank	65	57	34	64	78	27

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPH = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081B - TCLP Pesticides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(36-120)
LCS 480-244507/2-A	Lab Control Sample	59	76

Method: 8081B - TCLP Pesticides (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(36-120)
LCSD 480-244507/3-A	Lab Control Sample Dup	57	72
MB 480-244507/1-A	Method Blank	50	53

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - TCLP Pesticides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCB2	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(36-120)
480-80758-1	West Monroe NY-Fortino Sampl	57	73
480-80758-2	West Monroe NY-Fortino Sample #26	49	62
480-80758-3	West Monroe NY-Fortino Sample #27	45	69
480-80758-4	West Monroe NY-Fortino Sample #02	56	66
480-80758-5	West Monroe NY-Fortino Sample #28	60	74
480-80758-6	West Monroe NY-Fortino Sample #37	64	68
480-80758-7	West Monroe NY-Fortino Sample #36	59	72
480-80758-8	West Monroe NY-Fortino Sample #42	64	68
480-80758-9	West Monroe NY-Fortino Sample #38	121 X	169 X
480-80758-10	West Monroe NY-Fortino Sample #30	53	77
LB 480-244318/1-D	Method Blank	69	68

Surrogate Legend

DCB = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(29-151)	(14-163)
480-80758-1	West Monroe NY-Fortino Sampl	0 X	0 X
480-80758-2	West Monroe NY-Fortino Sample #26	0 X	8 p X
480-80758-3	West Monroe NY-Fortino Sample #27	0 X	0 X
480-80758-4	West Monroe NY-Fortino Sample #02	0 X	0 X
480-80758-5	West Monroe NY-Fortino Sample #28	112	298 p X

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (29-151)	DCB1 (14-163)
480-80758-6	West Monroe NY-Fortino Sampl	0 X	0 X
480-80758-7	West Monroe NY-Fortino Sample #36	0 X	0 X
480-80758-7 MS	West Monroe NY-Fortino Sample #36	31	0 X
480-80758-7 MSD	West Monroe NY-Fortino Sample #36	125	69 p
480-80758-8	West Monroe NY-Fortino Sample #42	0 X	149 p
LCS 240-182828/24-A	Lab Control Sample	55	71
MB 240-182828/23-A	Method Blank	71	77

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (29-151)	DCB2 (14-163)
480-80758-9	West Monroe NY-Fortino Sampl	0 X	0 X
480-80758-10	West Monroe NY-Fortino Sample #30	0 X	4 X
LCS 240-182836/16-A	Lab Control Sample	68	98
MB 240-182836/15-A	Method Blank	60	87

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCPA1 (35-143)
LCS 480-244653/2-A	Lab Control Sample	107
MB 480-244653/1-A	Method Blank	100

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8151 - TCLP Herbicides

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DCPA1 (35-143)
480-80758-1	West Monroe NY-Fortino Sampl	58

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method: 8151 - TCLP Herbicides (Continued)

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCPA1 (35-143)						
480-80758-2	West Monroe NY-Fortino Sampl	42						
480-80758-3	West Monroe NY-Fortino Sample #27	35						
480-80758-4	West Monroe NY-Fortino Sample #02	48						
480-80758-5	West Monroe NY-Fortino Sample #28	53						
480-80758-6	West Monroe NY-Fortino Sample #37	24 X						
480-80758-7	West Monroe NY-Fortino Sample #36	13 X						
480-80758-8	West Monroe NY-Fortino Sample #42	0 X						
480-80758-9	West Monroe NY-Fortino Sample #38	30 X						
480-80758-10	West Monroe NY-Fortino Sample #30	18 X						
LB 480-244318/1-F	Method Blank	25 X						

Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-244561/6
Matrix: Solid
Analysis Batch: 244561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/26/15 23:21	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/26/15 23:21	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/26/15 23:21	1
Chloroform	ND		0.0010	0.00034	mg/L			05/26/15 23:21	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/26/15 23:21	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/26/15 23:21	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/26/15 23:21	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/26/15 23:21	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/26/15 23:21	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/26/15 23:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*05/26/15 23:21*	*1*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/26/15 23:21*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*05/26/15 23:21*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*05/26/15 23:21*	*1*

Lab Sample ID: LCS 480-244561/4
Matrix: Solid
Analysis Batch: 244561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0244		mg/L		97	71 - 124
Chlorobenzene	0.0250	0.0247		mg/L		99	72 - 120
1,2-Dichloroethane	0.0250	0.0265		mg/L		106	75 - 127
1,1-Dichloroethene	0.0250	0.0232		mg/L		93	58 - 121
Tetrachloroethene	0.0250	0.0257		mg/L		103	74 - 122
Trichloroethene	0.0250	0.0260		mg/L		104	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*66 - 137*
Toluene-d8 (Surr)	*101*		*71 - 126*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*110*		*60 - 140*

Lab Sample ID: LB 480-244321/1-A
Matrix: Solid
Analysis Batch: 244561

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 00:14	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 00:14	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 00:14	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 00:14	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 00:14	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 00:14	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 00:14	10

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-244321/1-A
Matrix: Solid
Analysis Batch: 244561

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 00:14	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 00:14	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 00:14	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*66 - 137*		*05/27/15 00:14*	*10*
Toluene-d8 (Surr)	*100*		*71 - 126*		*05/27/15 00:14*	*10*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*05/27/15 00:14*	*10*
Dibromofluoromethane (Surr)	*106*		*60 - 140*		*05/27/15 00:14*	*10*

Lab Sample ID: 480-80758-1 MS
Matrix: Solid
Analysis Batch: 244561

Client Sample ID: West Monroe NY-Fortino Sample #18
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.250	0.260		mg/L		104	71 - 124
Chlorobenzene	ND		0.250	0.259		mg/L		103	72 - 120
1,2-Dichloroethane	ND		0.250	0.236		mg/L		94	75 - 127
1,1-Dichloroethene	ND		0.250	0.266		mg/L		107	58 - 121
Tetrachloroethene	ND		0.250	0.265		mg/L		106	74 - 122
Trichloroethene	ND		0.250	0.261		mg/L		104	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*
Toluene-d8 (Surr)	*105*		*71 - 126*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*60 - 140*

Lab Sample ID: 480-80758-1 MSD
Matrix: Solid
Analysis Batch: 244561

Client Sample ID: West Monroe NY-Fortino Sample #18
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		0.250	0.245		mg/L		98	71 - 124	6	13
Chlorobenzene	ND		0.250	0.246		mg/L		98	72 - 120	5	25
1,2-Dichloroethane	ND		0.250	0.217		mg/L		87	75 - 127	8	20
1,1-Dichloroethene	ND		0.250	0.253		mg/L		101	58 - 121	5	16
Tetrachloroethene	ND		0.250	0.249		mg/L		100	74 - 122	6	20
Trichloroethene	ND		0.250	0.248		mg/L		99	74 - 123	5	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
Toluene-d8 (Surr)	*102*		*71 - 126*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

Method: 8270D - TCLP Semivolatiles

Lab Sample ID: MB 480-244633/1-A
Matrix: Solid
Analysis Batch: 244853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.0025	0.00012	mg/L		05/27/15 08:54	05/28/15 11:35	1
2,4-Dinitrotoluene	ND		0.0013	0.00011	mg/L		05/27/15 08:54	05/28/15 11:35	1
Hexachlorobenzene	ND		0.0013	0.00013	mg/L		05/27/15 08:54	05/28/15 11:35	1
Hexachlorobutadiene	ND		0.0013	0.00017	mg/L		05/27/15 08:54	05/28/15 11:35	1
Hexachloroethane	ND		0.0013	0.00015	mg/L		05/27/15 08:54	05/28/15 11:35	1
3-Methylphenol	ND		0.0025	0.00010	mg/L		05/27/15 08:54	05/28/15 11:35	1
2-Methylphenol	ND		0.0013	0.00010	mg/L		05/27/15 08:54	05/28/15 11:35	1
4-Methylphenol	ND		0.0025	0.000090	mg/L		05/27/15 08:54	05/28/15 11:35	1
Nitrobenzene	ND		0.0013	0.000073	mg/L		05/27/15 08:54	05/28/15 11:35	1
Pentachlorophenol	ND		0.0025	0.00055	mg/L		05/27/15 08:54	05/28/15 11:35	1
Pyridine	ND		0.0063	0.00010	mg/L		05/27/15 08:54	05/28/15 11:35	1
2,4,5-Trichlorophenol	ND		0.0013	0.00012	mg/L		05/27/15 08:54	05/28/15 11:35	1
2,4,6-Trichlorophenol	ND		0.0013	0.00015	mg/L		05/27/15 08:54	05/28/15 11:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*60*		*52 - 132*	*05/27/15 08:54*	*05/28/15 11:35*	*1*
2-Fluorobiphenyl	*69*		*48 - 120*	*05/27/15 08:54*	*05/28/15 11:35*	*1*
2-Fluorophenol	*43*		*20 - 120*	*05/27/15 08:54*	*05/28/15 11:35*	*1*
Nitrobenzene-d5	*79*		*46 - 120*	*05/27/15 08:54*	*05/28/15 11:35*	*1*
p-Terphenyl-d14	*100*		*67 - 150*	*05/27/15 08:54*	*05/28/15 11:35*	*1*
Phenol-d5	*33*		*16 - 120*	*05/27/15 08:54*	*05/28/15 11:35*	*1*

Lab Sample ID: LCS 480-244633/2-A
Matrix: Solid
Analysis Batch: 244853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244633

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	0.0500	0.0247		mg/L		49	32 - 120
2,4-Dinitrotoluene	0.0500	0.0490		mg/L		98	65 - 154
Hexachloroethane	0.0500	0.0233		mg/L		47	14 - 130
Pentachlorophenol	0.100	0.0747		mg/L		75	39 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*85*		*52 - 132*
2-Fluorobiphenyl	*75*		*48 - 120*
2-Fluorophenol	*47*		*20 - 120*
Nitrobenzene-d5	*75*		*46 - 120*
p-Terphenyl-d14	*99*		*67 - 150*
Phenol-d5	*36*		*16 - 120*

Lab Sample ID: LB 480-244318/1-E
Matrix: Solid
Analysis Batch: 244853

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244633

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		05/27/15 08:54	05/28/15 12:27	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		05/27/15 08:54	05/28/15 12:27	1

Method: 8270D - TCLP Semivolatiles (Continued)

Lab Sample ID: LB 480-244318/1-E
Matrix: Solid
Analysis Batch: 244853

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244633

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		05/27/15 08:54	05/28/15 12:27	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		05/27/15 08:54	05/28/15 12:27	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		05/27/15 08:54	05/28/15 12:27	1
3-Methylphenol	ND		0.010	0.00040	mg/L		05/27/15 08:54	05/28/15 12:27	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		05/27/15 08:54	05/28/15 12:27	1
4-Methylphenol	ND		0.010	0.00036	mg/L		05/27/15 08:54	05/28/15 12:27	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		05/27/15 08:54	05/28/15 12:27	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		05/27/15 08:54	05/28/15 12:27	1
Pyridine	ND		0.025	0.00041	mg/L		05/27/15 08:54	05/28/15 12:27	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		05/27/15 08:54	05/28/15 12:27	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		05/27/15 08:54	05/28/15 12:27	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*65*		*52 - 132*	*05/27/15 08:54*	*05/28/15 12:27*	*1*
2-Fluorobiphenyl	*57*		*48 - 120*	*05/27/15 08:54*	*05/28/15 12:27*	*1*
2-Fluorophenol	*34*		*20 - 120*	*05/27/15 08:54*	*05/28/15 12:27*	*1*
Nitrobenzene-d5	*64*		*46 - 120*	*05/27/15 08:54*	*05/28/15 12:27*	*1*
p-Terphenyl-d14	*78*		*67 - 150*	*05/27/15 08:54*	*05/28/15 12:27*	*1*
Phenol-d5	*27*		*16 - 120*	*05/27/15 08:54*	*05/28/15 12:27*	*1*

Method: 8081B - TCLP Pesticides

Lab Sample ID: MB 480-244507/1-A
Matrix: Solid
Analysis Batch: 244639

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.000050	0.0000015	mg/L		05/26/15 14:08	05/27/15 12:29	1
Chlordane (technical)	ND		0.00050	0.0000073	mg/L		05/26/15 14:08	05/27/15 12:29	1
Endrin	ND		0.000050	0.0000035	mg/L		05/26/15 14:08	05/27/15 12:29	1
Heptachlor	ND		0.000050	0.0000021	mg/L		05/26/15 14:08	05/27/15 12:29	1
Heptachlor epoxide	ND		0.000050	0.0000013	mg/L		05/26/15 14:08	05/27/15 12:29	1
Methoxychlor	ND		0.000050	0.0000035	mg/L		05/26/15 14:08	05/27/15 12:29	1
Toxaphene	ND		0.00050	0.000030	mg/L		05/26/15 14:08	05/27/15 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*20 - 120*	*05/26/15 14:08*	*05/27/15 12:29*	*1*
Tetrachloro-m-xylene	*53*		*36 - 120*	*05/26/15 14:08*	*05/27/15 12:29*	*1*

Lab Sample ID: LCS 480-244507/2-A
Matrix: Solid
Analysis Batch: 244639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244507

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
gamma-BHC (Lindane)	0.000500	0.000445		mg/L		89	56 - 127
Endrin	0.000500	0.000456		mg/L		91	52 - 143
Heptachlor	0.000500	0.000451		mg/L		90	51 - 125

Method: 8081B - TCLP Pesticides (Continued)

Lab Sample ID: LCS 480-244507/2-A
Matrix: Solid
Analysis Batch: 244639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244507

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Heptachlor epoxide			0.000500	0.000450		mg/L		90	50 - 140		
Methoxychlor			0.000500	0.000477		mg/L		95	50 - 151		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*59*		*20 - 120*
Tetrachloro-m-xylene	*76*		*36 - 120*

Lab Sample ID: LCSD 480-244507/3-A
Matrix: Solid
Analysis Batch: 244639

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 244507

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
gamma-BHC (Lindane)			0.000500	0.000431		mg/L		86	56 - 127	3	24
Endrin			0.000500	0.000404		mg/L		81	52 - 143	12	24
Heptachlor			0.000500	0.000412		mg/L		82	51 - 125	9	25
Heptachlor epoxide			0.000500	0.000427		mg/L		85	50 - 140	5	23
Methoxychlor			0.000500	0.000473		mg/L		95	50 - 151	1	26

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*57*		*20 - 120*
Tetrachloro-m-xylene	*72*		*36 - 120*

Lab Sample ID: LB 480-244318/1-D
Matrix: Solid
Analysis Batch: 244639

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244507

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		05/26/15 14:08	05/27/15 13:25	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		05/26/15 14:08	05/27/15 13:25	1
Endrin	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 13:25	1
Heptachlor	ND		0.00020	0.0000085	mg/L		05/26/15 14:08	05/27/15 13:25	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		05/26/15 14:08	05/27/15 13:25	1
Methoxychlor	ND		0.00020	0.000014	mg/L		05/26/15 14:08	05/27/15 13:25	1
Toxaphene	ND		0.0020	0.00012	mg/L		05/26/15 14:08	05/27/15 13:25	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*20 - 120*	*05/26/15 14:08*	*05/27/15 13:25*	*1*
Tetrachloro-m-xylene	*68*		*36 - 120*	*05/26/15 14:08*	*05/27/15 13:25*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-182828/23-A
Matrix: Solid
Analysis Batch: 183417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 07:13	06/03/15 02:25	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 240-182828/23-A
Matrix: Solid
Analysis Batch: 183417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 07:13	06/03/15 02:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*29 - 151*	*05/29/15 07:13*	*06/03/15 02:25*	*1*
DCB Decachlorobiphenyl	*77*		*14 - 163*	*05/29/15 07:13*	*06/03/15 02:25*	*1*

Lab Sample ID: LCS 240-182828/24-A
Matrix: Solid
Analysis Batch: 183417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	333	217		ug/Kg		65	62 - 120
Aroclor-1260	333	225		ug/Kg		68	56 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*55*		*29 - 151*
DCB Decachlorobiphenyl	*71*		*14 - 163*

Lab Sample ID: 480-80758-7 MS
Matrix: Solid
Analysis Batch: 183417

Client Sample ID: West Monroe NY-Fortino Sample #36
Prep Type: Total/NA
Prep Batch: 182828

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	ND	F2	450	10100	p	ug/Kg	☼	NC	22 - 157
Aroclor-1260	ND		450	5450		ug/Kg	☼	NC	13 - 161

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*31*		*29 - 151*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*

Lab Sample ID: 480-80758-7 MSD
Matrix: Solid
Analysis Batch: 183417

Client Sample ID: West Monroe NY-Fortino Sample #36
Prep Type: Total/NA
Prep Batch: 182828

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	ND	F2 *	455	14600	p F2	ug/Kg	☼	NC	22 - 157	37	30
Aroclor-1260	ND	F2	455	7830	p	ug/Kg	☼	NC	13 - 161	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*125*		*29 - 151*
DCB Decachlorobiphenyl	*69*	*p*	*14 - 163*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 240-182836/15-A
Matrix: Solid
Analysis Batch: 183040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182836

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 08:04	06/01/15 09:20	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 08:04	06/01/15 09:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*29 - 151*	*05/29/15 08:04*	*06/01/15 09:20*	*1*
DCB Decachlorobiphenyl	*87*		*14 - 163*	*05/29/15 08:04*	*06/01/15 09:20*	*1*

Lab Sample ID: LCS 240-182836/16-A
Matrix: Solid
Analysis Batch: 183040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182836

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	333	259		ug/Kg		78	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*68*		*29 - 151*
DCB Decachlorobiphenyl	*98*		*14 - 163*

Method: 8151 - TCLP Herbicides

Lab Sample ID: MB 480-244653/1-A
Matrix: Solid
Analysis Batch: 245123

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.00050	0.000090	mg/L		05/27/15 09:14	05/29/15 16:12	1
2,4-D	ND		0.00050	0.00010	mg/L		05/27/15 09:14	05/29/15 16:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*100*		*35 - 143*	*05/27/15 09:14*	*05/29/15 16:12*	*1*

Lab Sample ID: LCS 480-244653/2-A
Matrix: Solid
Analysis Batch: 245123

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244653

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silvex (2,4,5-TP)	0.00200	0.00167		mg/L		84	49 - 167
2,4-D	0.00200	0.00219		mg/L		109	36 - 179

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*107*		*35 - 143*

Method: 8151 - TCLP Herbicides (Continued)

Lab Sample ID: LB 480-244318/1-F
Matrix: Solid
Analysis Batch: 245435

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244653

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		0.0020	0.00036	mg/L		05/27/15 09:14	06/01/15 21:16	1
2,4-D	ND		0.0020	0.00040	mg/L		05/27/15 09:14	06/01/15 21:16	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*25*	*X*	*35 - 143*	*05/27/15 09:14*	*06/01/15 21:16*	*1*

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-244469/2-A
Matrix: Solid
Analysis Batch: 244749

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244469

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:14	1
Barium	ND		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:14	1
Cadmium	ND		0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:14	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:14	1
Lead	ND		0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:14	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:14	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:14	1

Lab Sample ID: LCS 480-244469/3-A
Matrix: Solid
Analysis Batch: 244749

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.14		mg/L		114	80 - 120
Barium	1.00	1.01		mg/L		101	80 - 120
Cadmium	1.00	1.09		mg/L		109	80 - 120
Chromium	1.00	0.979		mg/L		98	80 - 120
Lead	1.00	1.10		mg/L		110	80 - 120
Selenium	1.00	1.17		mg/L		117	80 - 120
Silver	1.00	1.18		mg/L		118	80 - 120

Lab Sample ID: LB 480-244318/1-B
Matrix: Solid
Analysis Batch: 244749

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244469

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/26/15 12:53	05/27/15 13:11	1
Barium	ND		1.0	0.10	mg/L		05/26/15 12:53	05/27/15 13:11	1
Cadmium	0.00267		0.0020	0.00050	mg/L		05/26/15 12:53	05/27/15 13:11	1
Chromium	ND		0.020	0.010	mg/L		05/26/15 12:53	05/27/15 13:11	1
Lead	0.0294		0.020	0.0030	mg/L		05/26/15 12:53	05/27/15 13:11	1
Selenium	ND		0.025	0.0087	mg/L		05/26/15 12:53	05/27/15 13:11	1
Silver	ND		0.0060	0.0017	mg/L		05/26/15 12:53	05/27/15 13:11	1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: 480-80758-1 MS
Matrix: Solid
Analysis Batch: 244749

Client Sample ID: West Monroe NY-Fortino Sample #18
Prep Type: TCLP
Prep Batch: 244469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	ND		1.00	1.06		mg/L		106	75 - 125
Barium	3.7	F1	1.00	5.11	F1	mg/L		142	75 - 125
Cadmium	0.64	B	1.00	1.74		mg/L		111	75 - 125
Chromium	ND		1.00	0.897		mg/L		90	75 - 125
Lead	2.5	B	1.00	3.72		mg/L		125	75 - 125
Selenium	ND		1.00	1.05		mg/L		105	75 - 125
Silver	ND		1.00	1.08		mg/L		108	75 - 125

Lab Sample ID: 480-80758-1 MSD
Matrix: Solid
Analysis Batch: 244749

Client Sample ID: West Monroe NY-Fortino Sample #18
Prep Type: TCLP
Prep Batch: 244469

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	ND		1.00	1.05		mg/L		105	75 - 125	1	20
Barium	3.7	F1	1.00	5.03	F1	mg/L		133	75 - 125	2	20
Cadmium	0.64	B	1.00	1.71		mg/L		107	75 - 125	2	20
Chromium	ND		1.00	0.877		mg/L		88	75 - 125	2	20
Lead	2.5	B	1.00	3.62		mg/L		115	75 - 125	3	20
Selenium	ND		1.00	1.05		mg/L		105	75 - 125	0	20
Silver	ND		1.00	1.05		mg/L		105	75 - 125	3	20

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-244491/2-A
Matrix: Solid
Analysis Batch: 244660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244491

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 08:59	1

Lab Sample ID: LCS 480-244491/3-A
Matrix: Solid
Analysis Batch: 244660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244491

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00607		mg/L		91	80 - 120

Lab Sample ID: LB 480-244318/1-C
Matrix: Solid
Analysis Batch: 244660

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244491

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/26/15 13:45	05/27/15 08:57	1

Method: 7470A - TCLP Mercury (Continued)

Lab Sample ID: 480-80758-1 MS
Matrix: Solid
Analysis Batch: 244660

Client Sample ID: West Monroe NY-Fortino Sample #18
Prep Type: TCLP
Prep Batch: 244491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00592		mg/L		89	80 - 120

Lab Sample ID: 480-80758-1 MSD
Matrix: Solid
Analysis Batch: 244660

Client Sample ID: West Monroe NY-Fortino Sample #18
Prep Type: TCLP
Prep Batch: 244491

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00597		mg/L		89	80 - 120	1	20

Method: 7471B - Mercury

Lab Sample ID: MB 480-245688/1-A
Matrix: Solid
Analysis Batch: 245852

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 245688

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0083	mg/Kg		06/02/15 14:00	06/02/15 15:13	1

Lab Sample ID: LCDSRM 480-245688/3-A
Matrix: Solid
Analysis Batch: 245852

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 245688

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	3.98	3.46		mg/Kg		86.8	51.0 - 149.0	3	20

Lab Sample ID: LCSSRM 480-245688/2-A
Matrix: Solid
Analysis Batch: 245852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 245688

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	3.98	3.35		mg/Kg		84.3	51.0 - 149.0

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method

Lab Sample ID: LCS 480-245517/1
Matrix: Solid
Analysis Batch: 245517

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	80.00		Degrees F		99	97.5 - 102.5

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method (Continued)

Lab Sample ID: 480-80758-10 DU
Matrix: Solid
Analysis Batch: 245517

Client Sample ID: West Monroe NY-Fortino Sample #30
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>176.0			>176.0		Degrees F				NC	10

Lab Sample ID: LCS 480-245767/1
Matrix: Solid
Analysis Batch: 245767

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	80.00		Degrees F		99	97.5 - 102.5		

Lab Sample ID: 480-80758-9 DU
Matrix: Solid
Analysis Batch: 245767

Client Sample ID: West Monroe NY-Fortino Sample #38
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>176.0			>176.0		Degrees F				NC	10

Method: 9012 - Cyanide, Reactive

Lab Sample ID: MB 480-245124/1-A
Matrix: Solid
Analysis Batch: 245541

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 245124

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Reactive	ND		10.0	0.0030	mg/Kg		05/28/15 23:35	06/01/15 15:03	1

Lab Sample ID: LCS 480-245124/2-A
Matrix: Solid
Analysis Batch: 245541

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 245124

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cyanide, Reactive			1000	423.8		mg/Kg		42	10 - 100		

Method: 9034 - Sulfide, Reactive

Lab Sample ID: MB 480-245126/1-A
Matrix: Solid
Analysis Batch: 245641

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 245126

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide, Reactive	ND		10.0	0.57	mg/Kg		05/28/15 23:35	06/01/15 23:35	1

Lab Sample ID: LCS 480-245126/2-A
Matrix: Solid
Analysis Batch: 245641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 245126

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfide, Reactive			1000	681.3		mg/Kg		68	10 - 100		

Method: 9045D - pH

Lab Sample ID: LCS 480-244042/1
Matrix: Solid
Analysis Batch: 244042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	6.980		SU		100	99 - 101		

Lab Sample ID: 480-80758-8 DU
Matrix: Solid
Analysis Batch: 244042

Client Sample ID: West Monroe NY-Fortino Sample #42
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	6.97	HF		6.870		SU				1	5

GC/MS VOA

Leach Batch: 244321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	1311	
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	1311	
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	1311	
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	1311	
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	1311	
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	1311	
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	1311	
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	1311	
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	1311	
LB 480-244321/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 244561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	8260C	244321
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	8260C	244321
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	8260C	244321
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	8260C	244321
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	8260C	244321
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	8260C	244321
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	8260C	244321
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	8260C	244321
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	8260C	244321
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	8260C	244321
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	8260C	244321
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	8260C	244321
LB 480-244321/1-A	Method Blank	TCLP	Solid	8260C	244321
LCS 480-244561/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-244561/6	Method Blank	Total/NA	Solid	8260C	

GC/MS Semi VOA

Leach Batch: 244318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	1311	
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	1311	
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	1311	
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	1311	
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	1311	
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	1311	
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	1311	
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	1311	
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	1311	
LB 480-244318/1-E	Method Blank	TCLP	Solid	1311	

GC/MS Semi VOA (Continued)

Prep Batch: 244633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	3510C	244318
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	3510C	244318
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	3510C	244318
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	3510C	244318
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	3510C	244318
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	3510C	244318
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	3510C	244318
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	3510C	244318
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	3510C	244318
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	3510C	244318
LB 480-244318/1-E	Method Blank	TCLP	Solid	3510C	244318
LCS 480-244633/2-A	Lab Control Sample	Total/NA	Solid	3510C	
MB 480-244633/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 244853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	8270D	244633
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	8270D	244633
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	8270D	244633
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	8270D	244633
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	8270D	244633
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	8270D	244633
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	8270D	244633
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	8270D	244633
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	8270D	244633
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	8270D	244633
LB 480-244318/1-E	Method Blank	TCLP	Solid	8270D	244633
LCS 480-244633/2-A	Lab Control Sample	Total/NA	Solid	8270D	244633
MB 480-244633/1-A	Method Blank	Total/NA	Solid	8270D	244633

GC Semi VOA

Prep Batch: 182828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	3540C	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	3540C	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	3540C	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	3540C	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	3540C	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	3540C	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	3540C	
480-80758-7 MS	West Monroe NY-Fortino Sample #36	Total/NA	Solid	3540C	
480-80758-7 MSD	West Monroe NY-Fortino Sample #36	Total/NA	Solid	3540C	
LCS 240-182828/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182828/23-A	Method Blank	Total/NA	Solid	3540C	

Prep Batch: 182836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	3540C	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	3540C	

GC Semi VOA (Continued)

Prep Batch: 182836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	3540C	
LCS 240-182836/16-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182836/15-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 183040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	8082A	182836
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	8082A	182836
LCS 240-182836/16-A	Lab Control Sample	Total/NA	Solid	8082A	182836
MB 240-182836/15-A	Method Blank	Total/NA	Solid	8082A	182836

Analysis Batch: 183417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	8082A	182828
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	8082A	182828
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	8082A	182828
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	8082A	182828
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	8082A	182828
480-80758-7 MS	West Monroe NY-Fortino Sample #36	Total/NA	Solid	8082A	182828
480-80758-7 MSD	West Monroe NY-Fortino Sample #36	Total/NA	Solid	8082A	182828
LCS 240-182828/24-A	Lab Control Sample	Total/NA	Solid	8082A	182828
MB 240-182828/23-A	Method Blank	Total/NA	Solid	8082A	182828

Analysis Batch: 183451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	8082A	182828
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	8082A	182828

Analysis Batch: 183455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	8082A	182836

Leach Batch: 244318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	1311	
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	1311	
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	1311	
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	1311	
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	1311	
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	1311	
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	1311	
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	1311	
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	1311	
LB 480-244318/1-D	Method Blank	TCLP	Solid	1311	
LB 480-244318/1-F	Method Blank	TCLP	Solid	1311	

Prep Batch: 244507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	3510C	244318
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	3510C	244318

GC Semi VOA (Continued)

Prep Batch: 244507 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	3510C	244318
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	3510C	244318
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	3510C	244318
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	3510C	244318
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	3510C	244318
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	3510C	244318
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	3510C	244318
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	3510C	244318
LB 480-244318/1-D	Method Blank	TCLP	Solid	3510C	244318
LCS 480-244507/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 480-244507/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
MB 480-244507/1-A	Method Blank	Total/NA	Solid	3510C	

Analysis Batch: 244639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	8081B	244507
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	8081B	244507
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	8081B	244507
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	8081B	244507
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	8081B	244507
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	8081B	244507
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	8081B	244507
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	8081B	244507
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	8081B	244507
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	8081B	244507
LB 480-244318/1-D	Method Blank	TCLP	Solid	8081B	244507
LCS 480-244507/2-A	Lab Control Sample	Total/NA	Solid	8081B	244507
LCSD 480-244507/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	244507
MB 480-244507/1-A	Method Blank	Total/NA	Solid	8081B	244507

Prep Batch: 244653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	8151A	244318
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	8151A	244318
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	8151A	244318
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	8151A	244318
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	8151A	244318
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	8151A	244318
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	8151A	244318
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	8151A	244318
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	8151A	244318
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	8151A	244318
LB 480-244318/1-F	Method Blank	TCLP	Solid	8151A	244318
LCS 480-244653/2-A	Lab Control Sample	Total/NA	Solid	8151A	
MB 480-244653/1-A	Method Blank	Total/NA	Solid	8151A	

Analysis Batch: 245123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-244653/2-A	Lab Control Sample	Total/NA	Solid	8151	244653
MB 480-244653/1-A	Method Blank	Total/NA	Solid	8151	244653

GC Semi VOA (Continued)

Analysis Batch: 245435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	8151	244653
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	8151	244653
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	8151	244653
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	8151	244653
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	8151	244653
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	8151	244653
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	8151	244653
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	8151	244653
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	8151	244653
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	8151	244653
LB 480-244318/1-F	Method Blank	TCLP	Solid	8151	244653

Metals

Leach Batch: 244318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	1311	
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	1311	
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	1311	
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	1311	
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	1311	
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	1311	
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	1311	
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	1311	
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	1311	
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	1311	
LB 480-244318/1-B	Method Blank	TCLP	Solid	1311	
LB 480-244318/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 244469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	3010A	244318
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	3010A	244318
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	3010A	244318
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	3010A	244318
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	3010A	244318
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	3010A	244318
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	3010A	244318
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	3010A	244318
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	3010A	244318
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	3010A	244318
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	3010A	244318
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	3010A	244318
LB 480-244318/1-B	Method Blank	TCLP	Solid	3010A	244318
LCS 480-244469/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-244469/2-A	Method Blank	Total/NA	Solid	3010A	

Metals (Continued)

Prep Batch: 244491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244318
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244318
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244318
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	7470A	244318
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	7470A	244318
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	7470A	244318
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	7470A	244318
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	7470A	244318
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	7470A	244318
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	7470A	244318
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	7470A	244318
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	7470A	244318
LB 480-244318/1-C	Method Blank	TCLP	Solid	7470A	244318
LCS 480-244491/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-244491/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 244660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244491
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244491
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	7470A	244491
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	7470A	244491
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	7470A	244491
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	7470A	244491
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	7470A	244491
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	7470A	244491
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	7470A	244491
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	7470A	244491
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	7470A	244491
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	7470A	244491
LB 480-244318/1-C	Method Blank	TCLP	Solid	7470A	244491
LCS 480-244491/3-A	Lab Control Sample	Total/NA	Solid	7470A	244491
MB 480-244491/2-A	Method Blank	Total/NA	Solid	7470A	244491

Analysis Batch: 244749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	TCLP	Solid	6010C	244469
480-80758-1 MS	West Monroe NY-Fortino Sample #18	TCLP	Solid	6010C	244469
480-80758-1 MSD	West Monroe NY-Fortino Sample #18	TCLP	Solid	6010C	244469
480-80758-2	West Monroe NY-Fortino Sample #26	TCLP	Solid	6010C	244469
480-80758-3	West Monroe NY-Fortino Sample #27	TCLP	Solid	6010C	244469
480-80758-4	West Monroe NY-Fortino Sample #02	TCLP	Solid	6010C	244469
480-80758-5	West Monroe NY-Fortino Sample #28	TCLP	Solid	6010C	244469
480-80758-6	West Monroe NY-Fortino Sample #37	TCLP	Solid	6010C	244469
480-80758-7	West Monroe NY-Fortino Sample #36	TCLP	Solid	6010C	244469
480-80758-8	West Monroe NY-Fortino Sample #42	TCLP	Solid	6010C	244469
480-80758-9	West Monroe NY-Fortino Sample #38	TCLP	Solid	6010C	244469
480-80758-10	West Monroe NY-Fortino Sample #30	TCLP	Solid	6010C	244469
LB 480-244318/1-B	Method Blank	TCLP	Solid	6010C	244469
LCS 480-244469/3-A	Lab Control Sample	Total/NA	Solid	6010C	244469
MB 480-244469/2-A	Method Blank	Total/NA	Solid	6010C	244469

Prep Batch: 245688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	7471B	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	7471B	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	7471B	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	7471B	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	7471B	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	7471B	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	7471B	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	7471B	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	7471B	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	7471B	
LCDSRM 480-245688/3-A	Lab Control Sample Dup	Total/NA	Solid	7471B	
LCSSRM 480-245688/2-A	Lab Control Sample	Total/NA	Solid	7471B	
MB 480-245688/1-A	Method Blank	Total/NA	Solid	7471B	

Analysis Batch: 245852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	7471B	245688
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	7471B	245688
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	7471B	245688
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	7471B	245688
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	7471B	245688
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	7471B	245688
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	7471B	245688
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	7471B	245688
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	7471B	245688
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	7471B	245688
LCDSRM 480-245688/3-A	Lab Control Sample Dup	Total/NA	Solid	7471B	245688
LCSSRM 480-245688/2-A	Lab Control Sample	Total/NA	Solid	7471B	245688
MB 480-245688/1-A	Method Blank	Total/NA	Solid	7471B	245688

General Chemistry

Analysis Batch: 243884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	Moisture	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	Moisture	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	Moisture	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	Moisture	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	Moisture	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	Moisture	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	Moisture	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	Moisture	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	Moisture	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	Moisture	

Analysis Batch: 244042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	9045D	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	9045D	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	9045D	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	9045D	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	9045D	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	9045D	

General Chemistry (Continued)

Analysis Batch: 244042 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	9045D	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	9045D	
480-80758-8 DU	West Monroe NY-Fortino Sample #42	Total/NA	Solid	9045D	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	9045D	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	9045D	
LCS 480-244042/1	Lab Control Sample	Total/NA	Solid	9045D	

Prep Batch: 245124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	7.3.3	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	7.3.3	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	7.3.3	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	7.3.3	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	7.3.3	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	7.3.3	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	7.3.3	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	7.3.3	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	7.3.3	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	7.3.3	
LCS 480-245124/2-A	Lab Control Sample	Total/NA	Solid	7.3.3	
MB 480-245124/1-A	Method Blank	Total/NA	Solid	7.3.3	

Prep Batch: 245126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	7.3.4	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	7.3.4	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	7.3.4	
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	7.3.4	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	7.3.4	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	7.3.4	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	7.3.4	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	7.3.4	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	7.3.4	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	7.3.4	
LCS 480-245126/2-A	Lab Control Sample	Total/NA	Solid	7.3.4	
MB 480-245126/1-A	Method Blank	Total/NA	Solid	7.3.4	

Analysis Batch: 245517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	1010A	
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	1010A	
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	1010A	
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	1010A	
480-80758-10 DU	West Monroe NY-Fortino Sample #30	Total/NA	Solid	1010A	
LCS 480-245517/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 245541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	9012	245124
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	9012	245124
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	9012	245124

General Chemistry (Continued)

Analysis Batch: 245541 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	9012	245124
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	9012	245124
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	9012	245124
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	9012	245124
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	9012	245124
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	9012	245124
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	9012	245124
LCS 480-245124/2-A	Lab Control Sample	Total/NA	Solid	9012	245124
MB 480-245124/1-A	Method Blank	Total/NA	Solid	9012	245124

Analysis Batch: 245641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-1	West Monroe NY-Fortino Sample #18	Total/NA	Solid	9034	245126
480-80758-2	West Monroe NY-Fortino Sample #26	Total/NA	Solid	9034	245126
480-80758-3	West Monroe NY-Fortino Sample #27	Total/NA	Solid	9034	245126
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	9034	245126
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	9034	245126
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	9034	245126
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	9034	245126
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	9034	245126
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	9034	245126
480-80758-10	West Monroe NY-Fortino Sample #30	Total/NA	Solid	9034	245126
LCS 480-245126/2-A	Lab Control Sample	Total/NA	Solid	9034	245126
MB 480-245126/1-A	Method Blank	Total/NA	Solid	9034	245126

Analysis Batch: 245767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80758-4	West Monroe NY-Fortino Sample #02	Total/NA	Solid	1010A	
480-80758-5	West Monroe NY-Fortino Sample #28	Total/NA	Solid	1010A	
480-80758-6	West Monroe NY-Fortino Sample #37	Total/NA	Solid	1010A	
480-80758-7	West Monroe NY-Fortino Sample #36	Total/NA	Solid	1010A	
480-80758-8	West Monroe NY-Fortino Sample #42	Total/NA	Solid	1010A	
480-80758-9	West Monroe NY-Fortino Sample #38	Total/NA	Solid	1010A	
480-80758-9 DU	West Monroe NY-Fortino Sample #38	Total/NA	Solid	1010A	
LCS 480-245767/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #18

Lab Sample ID: 480-80758-1
Matrix: Solid
Date Collected: 05/20/15 09:20
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 00:36	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 15:04	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 13:44	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 23:33	KMG	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 14:51	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:19	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:04	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:36	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:16	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #26

Lab Sample ID: 480-80758-2
Matrix: Solid
Date Collected: 05/20/15 10:00
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 00:59	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 15:30	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 14:02	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 23:52	KMG	TAL CAN

Client Sample ID: West Monroe NY-Fortino Sample #26

Lab Sample ID: 480-80758-2

Date Collected: 05/20/15 10:00
Matrix: Solid
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 15:20	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:42	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:12	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:38	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:18	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #27

Lab Sample ID: 480-80758-3

Date Collected: 05/20/15 10:30
Matrix: Solid
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 01:21	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 15:56	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 14:21	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183451	06/03/15 09:35	KMG	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 15:50	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:45	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:14	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #27

Lab Sample ID: 480-80758-3
Date Collected: 05/20/15 10:30
Matrix: Solid
Date Received: 05/21/15 02:00
Percent Solids: 66.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		10	245852	06/02/15 16:39	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:19	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #02

Lab Sample ID: 480-80758-4
Date Collected: 05/20/15 12:10
Matrix: Solid
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 01:44	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 16:22	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 14:39	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		200	183417	06/03/15 00:30	KMG	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 16:20	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:48	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:19	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		1	245852	06/02/15 15:23	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:21	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #28

Lab Sample ID: 480-80758-5
Date Collected: 05/20/15 14:10
Matrix: Solid
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 02:06	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 16:49	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 14:58	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		50	183451	06/03/15 09:54	KMG	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 16:49	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:51	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:20	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:45	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:22	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #37

Lab Sample ID: 480-80758-6
Date Collected: 05/20/15 14:35
Matrix: Solid
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 02:29	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 17:15	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 15:53	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/03/15 01:08	KMG	TAL CAN

Client Sample ID: West Monroe NY-Fortino Sample #37

Lab Sample ID: 480-80758-6

Date Collected: 05/20/15 14:35
Matrix: Solid
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 17:19	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:54	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:22	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:46	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:24	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #36

Lab Sample ID: 480-80758-7

Date Collected: 05/20/15 15:10
Matrix: Solid
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 02:51	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 17:41	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 16:12	JRL	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/03/15 01:27	KMG	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 17:49	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 13:57	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:24	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #36

Lab Sample ID: 480-80758-7
Date Collected: 05/20/15 15:10
Matrix: Solid
Date Received: 05/21/15 02:00
Percent Solids: 73.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	7471B		10	245852	06/02/15 16:48	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:25	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #42

Lab Sample ID: 480-80758-8
Date Collected: 05/20/15 15:40
Matrix: Solid
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 03:14	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 18:07	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 16:31	JRL	TAL BUF
Total/NA	Prep	3540C			182836	05/29/15 08:04	DT	TAL CAN
Total/NA	Analysis	8082A		100	183455	06/03/15 12:24	LSH	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		10	245435	06/01/15 18:18	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 14:08	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:26	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:50	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:26	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #38

Lab Sample ID: 480-80758-9
Matrix: Solid
Date Collected: 05/20/15 16:15
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 03:36	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 18:33	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		5	244639	05/27/15 16:49	JRL	TAL BUF
Total/NA	Prep	3540C			182836	05/29/15 08:04	DT	TAL CAN
Total/NA	Analysis	8082A		1	183040	06/01/15 13:02	LSH	TAL CAN
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 18:48	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 14:11	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:27	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:52	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245767	06/02/15 14:52	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:28	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample #30

Lab Sample ID: 480-80758-10
Matrix: Solid
Date Collected: 05/20/15 16:55
Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244321	05/25/15 11:45	DLE	TAL BUF
TCLP	Analysis	8260C		10	244561	05/27/15 03:58	LJF	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244633	05/27/15 08:54	MCZ	TAL BUF
TCLP	Analysis	8270D		1	244853	05/28/15 18:59	DMR	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3510C			244507	05/26/15 14:08	GVF	TAL BUF
TCLP	Analysis	8081B		1	244639	05/27/15 17:08	JRL	TAL BUF
Total/NA	Prep	3540C			182836	05/29/15 08:04	DT	TAL CAN
Total/NA	Analysis	8082A		1	183040	06/01/15 13:19	LSH	TAL CAN

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Client Sample ID: West Monroe NY-Fortino Sample #30

Lab Sample ID: 480-80758-10

Date Collected: 05/20/15 16:55

Matrix: Solid

Date Received: 05/21/15 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	8151A			244653	05/27/15 09:14	MCZ	TAL BUF
TCLP	Analysis	8151		5	245435	06/01/15 19:17	JRL	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	3010A			244469	05/26/15 12:53	TAS	TAL BUF
TCLP	Analysis	6010C		1	244749	05/27/15 14:14	AMH	TAL BUF
TCLP	Leach	1311			244318	05/25/15 09:41	DLE	TAL BUF
TCLP	Prep	7470A			244491	05/26/15 13:45	LRK	TAL BUF
TCLP	Analysis	7470A		1	244660	05/27/15 09:29	LRK	TAL BUF
Total/NA	Prep	7471B			245688	06/02/15 14:00	LRK	TAL BUF
Total/NA	Analysis	7471B		10	245852	06/02/15 16:53	LRK	TAL BUF
Total/NA	Analysis	1010A		1	245517	06/01/15 14:43	STD	TAL BUF
Total/NA	Prep	7.3.3			245124	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9012		1	245541	06/01/15 15:32	KMF	TAL BUF
Total/NA	Prep	7.3.4			245126	05/28/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9034		1	245641	06/01/15 23:35	LAW	TAL BUF
Total/NA	Analysis	9045D		1	244042	05/21/15 16:30	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	243884	05/21/15 11:41	CMK	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
9012	7.3.3	Solid	Cyanide, Reactive
9034	7.3.4	Solid	Sulfide, Reactive
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8270D	TCLP Semivolatiles	SW846	TAL BUF
8081B	TCLP Pesticides	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
8151	TCLP Herbicides	SW846	TAL BUF
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
7471B	Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9012	Cyanide, Reactive	SW846	TAL BUF
9034	Sulfide, Reactive	SW846	TAL BUF
9045D	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80758-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80758-1	West Monroe NY-Fortino Sample #18	Solid	05/20/15 09:20	05/21/15 02:00
480-80758-2	West Monroe NY-Fortino Sample #26	Solid	05/20/15 10:00	05/21/15 02:00
480-80758-3	West Monroe NY-Fortino Sample #27	Solid	05/20/15 10:30	05/21/15 02:00
480-80758-4	West Monroe NY-Fortino Sample #02	Solid	05/20/15 12:10	05/21/15 02:00
480-80758-5	West Monroe NY-Fortino Sample #28	Solid	05/20/15 14:10	05/21/15 02:00
480-80758-6	West Monroe NY-Fortino Sample #37	Solid	05/20/15 14:35	05/21/15 02:00
480-80758-7	West Monroe NY-Fortino Sample #36	Solid	05/20/15 15:10	05/21/15 02:00
480-80758-8	West Monroe NY-Fortino Sample #42	Solid	05/20/15 15:40	05/21/15 02:00
480-80758-9	West Monroe NY-Fortino Sample #38	Solid	05/20/15 16:15	05/21/15 02:00
480-80758-10	West Monroe NY-Fortino Sample #30	Solid	05/20/15 16:55	05/21/15 02:00

>>> Select a Laboratory <<<
TA - Buffalo, NY
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Tom Binsfeld	Site Contact: Tom Binsfeld	Date: 5/20/15	COC No:
MJ Engineering & Land Surveying	Tel/Fax: 518-577-9959 (cell)	Lab Contact: A. Massa	Carrier:	2 of 2 COCs
1533 Crescent Rd	**Analysis Turnaround Time**			Sampler:
Clifton Park, NY 12065	☐ CALENDAR DAYS ☑ WORKING DAYS			**For Lab Use Only:**
(518) 370-0799 Phone	TAT if different from Below _____			Walk-in Client:
(518) 371-0822 FAX	☑ 2 weeks			Lab Sampling:
Project Name: Fortino Tire Site Investigation	☐ 1 week			
Site: Fortino Tire Site Investigation	☐ 2 days			Job / SDG No.:
P O # (Project # 915.06)	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 18	5/20	920	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 26	5/20	1000	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 27	5/20	1030	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 02	5/20	1210	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 28	5/20	1410	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 37	5/20	1435	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 36	5/20	1510	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	

480-80758 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corr'd: _____		Therm ID No.: _____
Relinquished by:	Company: MJ Engineering	Date/Time: 5/20 1745	Received by:	Company: STL	Date/Time: 5/20/15 1745
Relinquished by:	Company: STL	Date/Time: 5-20-15, 1900	Received by:	Company: TAB	Date/Time: 21MAY15 0200
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

0.4, 0.7 #1

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5/21/2015

>>> Select a Laboratory <<<
TA - Buffalo, NY
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Tom Binsfeld	Site Contact: Tom Binsfeld	Date: 5/20/15	COC No:
MJ Engineering & Land Surveying	Tel/Fax: 518-577-9959 (cell)	Lab Contact: A. Massa	Carrier:	1 of 2 COCs
1533 Crescent Rd	Analysis Turnaround Time			Sampler:
Clifton Park, NY 12065	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
(518) 370-0799 Phone	TAT if different from Below _____			Walk-in Client:
(518) 371-0822 FAX	☑ 2 weeks			Lab Sampling:
Project Name: Fortino Tire Site Investigation	☐ 1 week			
Site: Fortino Tire Site Investigation	☐ 2 days			Job / SDG No.:
P O # (Project # 915.06)	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 42	5-20-15	1540	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 38	5-20	1615	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 30	5-20	1655	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # ___								X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # ___								X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # ___								X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # ___								X	X	X	X	X	X	X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	MJ Engineering	5/20 1745	[signature]	SVR	5/20/15 1745
Relinquished by: [signature]	Company: SVR 5-20-15	Date/Time: 19 2000	Received by: [signature]	Company: TMS	Date/Time: 21MAY15 0200
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

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6/5/2015

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

3,2,e20

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-24334.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.				Job #: 480-80758-1
Address: 4101 Shuffel Street NW, ,	Due Date Requested: 6/3/2015			
City: North Canton	TAT Requested (days):			
State, Zip: OH, 44720				
Phone: 330-497-9396(Tel) 330-497-0772(Fax)	PO #:			
Email:	WO #:			
Project Name: Characterization Sample -West Monroe, NY	Project #: 48011778			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

W45

Special Instructions/Note:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A/3540C PCBs	Total Number of containers
			Preservation Code:					
West Monroe NY-Fortino Sample #18 (480-80758-1)	5/20/15	09:20 Eastern		Solid			X	1
West Monroe NY-Fortino Sample #26 (480-80758-2)	5/20/15	10:00 Eastern		Solid			X	1
West Monroe NY-Fortino Sample #27 (480-80758-3)	5/20/15	10:30 Eastern		Solid			X	1
West Monroe NY-Fortino Sample #02 (480-80758-4)	5/20/15	12:10 Eastern		Solid			X	1
West Monroe NY-Fortino Sample #28 (480-80758-5)	5/20/15	14:10 Eastern		Solid			X	1
West Monroe NY-Fortino Sample #37 (480-80758-6)	5/20/15	14:35 Eastern		Solid			X	1
West Monroe NY-Fortino Sample #36 (480-80758-7)	5/20/15	15:10 Eastern		Solid			X	1
West Monroe NY-Fortino Sample #42 (480-80758-8)	5/20/15	15:40 Eastern		Solid			X	1
West Monroe NY-Fortino Sample #38 (480-80758-9)	5/20/15	16:15 Eastern		Solid			X	1
West Monroe NY-Fortino Sample #30 (480-80758-10)	5/20/15	16:55 Eastern		Solid			X	1

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Cameron Wallace	5-22-15 1700	TAB	Lane Hem	5-28-15 945	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

6/5/2015

TestAmerica Canton Sample Receipt Form/Narrative Login # : _____
Canton Facility

Client TH BUFFALO Site Name _____ Cooler unpacked by: Lance Hud

Cooler Received on 5-28-15 Opened on 5-28-15

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # TH Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam (Plastic Bag) None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

~~IR GUN# A (CF +4.0 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~

IR GUN# 4 (CF +0.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C ☐ See Multiple Cooler Form

~~IR GUN# 5 (CF +0.4 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C~~

IR GUN# 8 (CF -1.2 °C) Observed Cooler Temp. 3.2 °C Corrected Cooler Temp. 2.0 °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes (No)
   -Were custody seals on the outside of the cooler(s) signed & dated? Yes No (NA)
   -Were custody seals on the bottle(s)? Yes (No)
3. Shippers' packing slip attached to the cooler(s)? (Yes) No
4. Did custody papers accompany the sample(s)? (Yes) No
5. Were the custody papers relinquished & signed in the appropriate place? (Yes) No
6. Was/were the sampler(s) clearly identified on the COC? Yes (No)
7. Did all bottles arrive in good condition (Unbroken)? (Yes) No
8. Could all bottle labels be reconciled with the COC? (Yes) No
9. Were correct bottle(s) used for the test(s) indicated? (Yes) No
10. Sufficient quantity received to perform indicated analyses? (Yes) No
11. Were sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# HC432654
12. Were VOAs on the COC? Yes (No)
13. Were air bubbles >6 mm in any VOA vials? Yes No (NA)
14. Was a trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes (No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80758-1

Login Number: 80758

List Source: TestAmerica Buffalo

List Number: 1

Creator: Williams, Christopher S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	MJ ENGIRNEERING
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-80821-1
Client Project/Site: Characterization Sample -West Monroe, NY

For:
MJ Engineering & Land Surveying PC
1533 Crescent Road
Clifton Park, New York 12065

Attn: Mr. Tom Binsfeld

Authorized for release by:
6/5/2015 11:56:38 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Job ID: 480-80821-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-80821-1

Receipt
The samples were received on 5/22/2015 2:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.2º C, 0.6º C and 0.9º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 244790 recovered above the upper control limit for Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data has been reported. The following samples are impacted: West Monroe NY-Fortino Sample#50 (480-80821-1), West Monroe NY-Fortino Sample#49 (480-80821-2), West Monroe NY-Fortino Sample#48 (480-80821-3), West Monroe NY-Fortino Sample#47 (480-80821-4), West Monroe NY-Fortino Sample#46 (480-80821-5), West Monroe NY-Fortino Sample#45 (480-80821-6), West Monroe NY-Fortino Sample#44 (480-80821-7), West Monroe NY-Fortino Sample#41 (480-80821-8), West Monroe NY-Fortino Sample#40 (480-80821-9), West Monroe NY-Fortino Sample#39 (480-80821-10), West Monroe NY-Fortino Sample#31 (480-80821-11) and West Monroe NY-Fortino Sample#SHA-1 (480-80821-12).

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP sample matrix: West Monroe NY-Fortino Sample#50 (480-80821-1), West Monroe NY-Fortino Sample#49 (480-80821-2), West Monroe NY-Fortino Sample#48 (480-80821-3), West Monroe NY-Fortino Sample#47 (480-80821-4), West Monroe NY-Fortino Sample#46 (480-80821-5), West Monroe NY-Fortino Sample#45 (480-80821-6), West Monroe NY-Fortino Sample#44 (480-80821-7), West Monroe NY-Fortino Sample#41 (480-80821-8), West Monroe NY-Fortino Sample#40 (480-80821-9), West Monroe NY-Fortino Sample#39 (480-80821-10), West Monroe NY-Fortino Sample#31 (480-80821-11), West Monroe NY-Fortino Sample#SHA-1 (480-80821-12), West Monroe NY-Fortino Sample#40-A (480-80821-13) and (LB 480-244465/1-A). Elevated reporting limits (RL) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-244866 recovered outside acceptance criteria, low biased, for Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated sample were non-detect for this analyte, the data have been reported.West Monroe NY-Fortino Sample#40-A (480-80821-13)

Method(s) 8260C: The laboratory control sample (LCS) for batch 480-244866 recovered outside control limits for the following analyte: Vinyl chloride. This was not a requested spike compound; therefore, the data have been qualified and reported.West Monroe NY-Fortino Sample#40-A (480-80821-13)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8081B: The continuing calibration verification (CCV) recovered above the upper control limit for Toxaphene and technical Chlordane The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: West Monroe NY-Fortino Sample#50 (480-80821-1), West Monroe NY-Fortino Sample#49 (480-80821-2), West Monroe NY-Fortino Sample#48 (480-80821-3), West Monroe NY-Fortino Sample#47 (480-80821-4), West Monroe NY-Fortino Sample#46 (480-80821-5), West Monroe NY-Fortino Sample#45 (480-80821-6), West Monroe NY-Fortino Sample#44 (480-80821-7), West Monroe NY-Fortino Sample#41 (480-80821-8), West Monroe NY-Fortino Sample#40 (480-80821-9), West Monroe NY-Fortino Sample#39 (480-80821-10), West Monroe NY-Fortino Sample#31 (480-80821-11), West Monroe NY-Fortino Sample#SHA-1 (480-80821-12) and West Monroe NY-Fortino Sample#40-A (480-80821-13).

Method(s) 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample#50 (480-80821-1), West Monroe NY-Fortino Sample#49 (480-80821-2), West Monroe NY-Fortino Sample#48 (480-80821-3), West Monroe NY-Fortino Sample#47 (480-80821-4), West Monroe NY-Fortino Sample#46 (480-80821-5), West Monroe NY-Fortino Sample#45 (480-80821-6), West Monroe NY-Fortino Sample#44 (480-80821-7), West Monroe NY-Fortino Sample#41 (480-80821-8), West Monroe NY-Fortino Sample#40 (480-80821-9), West Monroe NY-Fortino Sample#39 (480-80821-10), West Monroe NY-Fortino Sample#31 (480-80821-11), West Monroe NY-Fortino Sample#SHA-1 (480-80821-12) and West Monroe NY-Fortino Sample#40-A (480-80821-13). The sample(s) has been quantified and reported as a mixture of Aroclor. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

Job ID: 480-80821-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering or other environmental processes, the PCBs in the sample do not closely match any of the laboratory's Aroclor standards used for instrument calibration: West Monroe NY-Fortino Sample#39 (480-80821-10). The samples have been quantified and reported as a mixture of Aroclors. Due to the poor match with the Aroclor standard(s), there is increased qualitative and quantitative uncertainty associated with this result.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010C: The TCLP leachate blank for 244468 contained Lead above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the TCLP leachate blank.

Method(s) 6010C: The TCLP leachate blank for batch 480-244468 and 480-244679 contained Lead above the reporting limit (RL). This target analyte concentration was less than the TCLP Regulatory Limit. The associated sample was also below the TCLP Regulatory Limit for this analyte; therefore, re-extraction was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method(s) 9045C, 9045D: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: West Monroe NY-Fortino Sample#50 (480-80821-1), West Monroe NY-Fortino Sample#49 (480-80821-2), West Monroe NY-Fortino Sample#48 (480-80821-3), West Monroe NY-Fortino Sample#47 (480-80821-4), West Monroe NY-Fortino Sample#46 (480-80821-5), West Monroe NY-Fortino Sample#45 (480-80821-6), West Monroe NY-Fortino Sample#44 (480-80821-7), West Monroe NY-Fortino Sample#41 (480-80821-8), West Monroe NY-Fortino Sample#40 (480-80821-9), West Monroe NY-Fortino Sample#39 (480-80821-10), West Monroe NY-Fortino Sample#31 (480-80821-11), West Monroe NY-Fortino Sample#SHA-1 (480-80821-12) and West Monroe NY-Fortino Sample#40-A (480-80821-13).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#50 — Lab Sample ID: 480-80821-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	3200		860	290	ug/Kg	20	☼	8082A	Total/NA
Aroclor-1254	4900		860	360	ug/Kg	20	☼	8082A	Total/NA
Barium	1.6	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.16	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.1	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.02	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#49 — Lab Sample ID: 480-80821-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	20000		3900	1300	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	14000		3900	1700	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0081	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	2.8	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.33	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	1.4	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.24	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#48 — Lab Sample ID: 480-80821-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	24000		2000	680	ug/Kg	50	☼	8082A	Total/NA
Aroclor-1254	13000		2000	870	ug/Kg	50	☼	8082A	Total/NA
Arsenic	0.0067	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	3.4	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.31	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.0	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.18	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#47 — Lab Sample ID: 480-80821-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	9300		1900	640	ug/Kg	50	☼	8082A	Total/NA
Aroclor-1254	7300		1900	810	ug/Kg	50	☼	8082A	Total/NA
Barium	2.0	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.23	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.010	J	0.020	0.010	mg/L	1		6010C	TCLP
Lead	2.3	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	6.72	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#46 — Lab Sample ID: 480-80821-5

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#46 (Continued)

Lab Sample ID: 480-80821-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	17000		2200	720	ug/Kg	50	☼	8082A	Total/NA
Aroclor-1254	12000		2200	920	ug/Kg	50	☼	8082A	Total/NA
Barium	4.5	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.49	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	4.3	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.06	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#45

Lab Sample ID: 480-80821-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	24000		4500	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	26000		4500	1900	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0058	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	3.6	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.61	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.2	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.04	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#44

Lab Sample ID: 480-80821-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	17000		4400	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	28000		4400	1900	ug/Kg	100	☼	8082A	Total/NA
Barium	3.8	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.63	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	0.79	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.08	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#41

Lab Sample ID: 480-80821-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	56000		21000	7000	ug/Kg	500	☼	8082A	Total/NA
Aroclor-1254	62000		21000	8900	ug/Kg	500	☼	8082A	Total/NA
Arsenic	0.0068	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	4.1	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.57	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	3.8	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00012	J	0.00020	0.00012	mg/L	1		7470A	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.02	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#40 — Lab Sample ID: 480-80821-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	52000		9000	3000	ug/Kg	200	☼	8082A	Total/NA
Aroclor-1254	43000		9000	3800	ug/Kg	200	☼	8082A	Total/NA
Arsenic	0.0093	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	5.2	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.49	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.010	J	0.020	0.010	mg/L	1		6010C	TCLP
Lead	4.0	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00019	J	0.00020	0.00012	mg/L	1		7470A	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.00	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#39 — Lab Sample ID: 480-80821-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	45000		4900	1600	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	26000		4900	2100	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0093	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	4.1	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.47	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.015	J	0.020	0.010	mg/L	1		6010C	TCLP
Lead	1.7	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00076		0.00020	0.00012	mg/L	1		7470A	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.15	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#31 — Lab Sample ID: 480-80821-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	43000		4300	1400	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	21000		4300	1800	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.012	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	6.9	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	1.1	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Chromium	0.026		0.020	0.010	mg/L	1		6010C	TCLP
Lead	7.9	B	0.020	0.0030	mg/L	1		6010C	TCLP
Silver	0.0020	J	0.0060	0.0017	mg/L	1		6010C	TCLP
Mercury	0.0016		0.00020	0.00012	mg/L	1		7470A	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.10	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#SHA-1 — Lab Sample ID: 480-80821-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	1600		800	270	ug/Kg	20	☼	8082A	Total/NA
Aroclor-1254	4700		800	340	ug/Kg	20	☼	8082A	Total/NA
Barium	2.2	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.19	B	0.0020	0.00050	mg/L	1		6010C	TCLP

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

Detection Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#SHA-1 (Continued)

Lab Sample ID: 480-80821-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.54	B	0.020	0.0030	mg/L	1		6010C	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.45	HF	0.100	0.100	SU	1		9045D	Total/NA

Client Sample ID: West Monroe NY-Fortino Sample#40-A

Lab Sample ID: 480-80821-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aroclor-1242	36000		4500	1500	ug/Kg	100	☼	8082A	Total/NA
Aroclor-1254	36000		4500	1900	ug/Kg	100	☼	8082A	Total/NA
Arsenic	0.0068	J	0.015	0.0056	mg/L	1		6010C	TCLP
Barium	3.6	B	1.0	0.10	mg/L	1		6010C	TCLP
Cadmium	0.50	B	0.0020	0.00050	mg/L	1		6010C	TCLP
Lead	2.1	B	0.020	0.0030	mg/L	1		6010C	TCLP
Mercury	0.00012	J	0.00020	0.00012	mg/L	1		7470A	TCLP

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Flashpoint	>176.0		50.0	50.0	Degrees F	1		1010A	Total/NA
pH	7.02	HF	0.100	0.100	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: West Monroe NY-Fortino Sample#50
Date Collected: 05/21/15 07:45
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-1
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 01:26	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 01:26	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 01:26	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 01:26	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 01:26	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 01:26	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 01:26	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 01:26	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 01:26	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 01:26	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*05/28/15 01:26*	*10*
Toluene-d8 (Surr)	*100*		*71 - 126*		*05/28/15 01:26*	*10*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*05/28/15 01:26*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/28/15 01:26*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		860	310	ug/Kg	☼	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1221	ND		860	420	ug/Kg	☼	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1232	ND		860	520	ug/Kg	☼	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1242	**3200**		860	290	ug/Kg	☼	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1248	ND		860	210	ug/Kg	☼	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1254	**4900**		860	360	ug/Kg	☼	05/29/15 07:13	06/02/15 19:25	20
Aroclor-1260	ND		860	230	ug/Kg	☼	05/29/15 07:13	06/02/15 19:25	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*29 - 151*	*05/29/15 07:13*	*06/02/15 19:25*	*20*
DCB Decachlorobiphenyl	*93*		*14 - 163*	*05/29/15 07:13*	*06/02/15 19:25*	*20*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 14:53	1
Barium	**1.6**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 14:53	1
Cadmium	**0.16**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 14:53	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 14:53	1
Lead	**1.1**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 14:53	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 14:53	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 14:53	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	**7.02**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#49
Date Collected: 05/21/15 08:15
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-2
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 01:50	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 01:50	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 01:50	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 01:50	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 01:50	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 01:50	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 01:50	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 01:50	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 01:50	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 01:50	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*05/28/15 01:50*	*10*
Toluene-d8 (Surr)	*102*		*71 - 126*		*05/28/15 01:50*	*10*
4-Bromofluorobenzene (Surr)	*112*		*73 - 120*		*05/28/15 01:50*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/28/15 01:50*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		3900	1400	ug/Kg	☼	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1221	ND		3900	1900	ug/Kg	☼	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1232	ND		3900	2400	ug/Kg	☼	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1242	**20000**		3900	1300	ug/Kg	☼	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1248	ND		3900	950	ug/Kg	☼	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1254	**14000**		3900	1700	ug/Kg	☼	05/29/15 07:13	06/02/15 19:44	100
Aroclor-1260	ND		3900	1100	ug/Kg	☼	05/29/15 07:13	06/02/15 19:44	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:13*	*06/02/15 19:44*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/02/15 19:44*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0081**	**J**	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 14:56	1
Barium	**2.8**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 14:56	1
Cadmium	**0.33**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 14:56	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 14:56	1
Lead	**1.4**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 14:56	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 14:56	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 14:56	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	**7.24**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#48
Date Collected: 05/21/15 08:45
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-3
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 02:15	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 02:15	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 02:15	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 02:15	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 02:15	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 02:15	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 02:15	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 02:15	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 02:15	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 02:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*05/28/15 02:15*	*10*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/28/15 02:15*	*10*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*05/28/15 02:15*	*10*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*05/28/15 02:15*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2000	740	ug/Kg	☼	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1221	ND		2000	990	ug/Kg	☼	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1232	ND		2000	1200	ug/Kg	☼	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1242	**24000**		2000	680	ug/Kg	☼	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1248	ND		2000	500	ug/Kg	☼	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1254	**13000**		2000	870	ug/Kg	☼	05/29/15 07:13	06/02/15 20:03	50
Aroclor-1260	ND		2000	560	ug/Kg	☼	05/29/15 07:13	06/02/15 20:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*149*		*29 - 151*	*05/29/15 07:13*	*06/02/15 20:03*	*50*
DCB Decachlorobiphenyl	*105*	*p*	*14 - 163*	*05/29/15 07:13*	*06/02/15 20:03*	*50*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0067**	**J**	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:10	1
Barium	**3.4**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:10	1
Cadmium	**0.31**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:10	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:10	1
Lead	**2.0**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:10	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:10	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:10	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	**7.18**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#47
Date Collected: 05/21/15 09:25
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-4
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 02:39	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 02:39	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 02:39	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 02:39	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 02:39	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 02:39	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 02:39	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 02:39	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 02:39	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 02:39	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*66 - 137*		*05/28/15 02:39*	*10*
Toluene-d8 (Surr)	*99*		*71 - 126*		*05/28/15 02:39*	*10*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*05/28/15 02:39*	*10*
Dibromofluoromethane (Surr)	*104*		*60 - 140*		*05/28/15 02:39*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1900	690	ug/Kg	☼	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1221	ND		1900	920	ug/Kg	☼	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1232	ND		1900	1200	ug/Kg	☼	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1242	**9300**		1900	640	ug/Kg	☼	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1248	ND		1900	460	ug/Kg	☼	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1254	**7300**		1900	810	ug/Kg	☼	05/29/15 07:13	06/02/15 20:22	50
Aroclor-1260	ND		1900	520	ug/Kg	☼	05/29/15 07:13	06/02/15 20:22	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*1*	*p X*	*29 - 151*	*05/29/15 07:13*	*06/02/15 20:22*	*50*
DCB Decachlorobiphenyl	*49*	*p*	*14 - 163*	*05/29/15 07:13*	*06/02/15 20:22*	*50*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:13	1
Barium	**2.0**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:13	1
Cadmium	**0.23**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:13	1
Chromium	**0.010**	**J**	0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:13	1
Lead	**2.3**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:13	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:13	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:13	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	**6.72**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client Sample ID: West Monroe NY-Fortino Sample#46

Lab Sample ID: 480-80821-5
Date Collected: 05/21/15 10:30
Matrix: Solid
Date Received: 05/22/15 02:45

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 03:03	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 03:03	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 03:03	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 03:03	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 03:03	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 03:03	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 03:03	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 03:03	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 03:03	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 03:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*05/28/15 03:03*	*10*
Toluene-d8 (Surr)	*98*		*71 - 126*		*05/28/15 03:03*	*10*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*05/28/15 03:03*	*10*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*05/28/15 03:03*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		2200	790	ug/Kg	☼	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1221	ND		2200	1100	ug/Kg	☼	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1232	ND		2200	1300	ug/Kg	☼	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1242	**17000**		2200	720	ug/Kg	☼	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1248	ND		2200	530	ug/Kg	☼	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1254	**12000**		2200	920	ug/Kg	☼	05/29/15 07:13	06/02/15 20:41	50
Aroclor-1260	ND		2200	590	ug/Kg	☼	05/29/15 07:13	06/02/15 20:41	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*43*	*p*	*29 - 151*	*05/29/15 07:13*	*06/02/15 20:41*	*50*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/02/15 20:41*	*50*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:24	1
Barium	**4.5**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:24	1
Cadmium	**0.49**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:24	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:24	1
Lead	**4.3**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:24	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:24	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:24	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	**7.06**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#45
Date Collected: 05/21/15 11:00
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-6
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 03:27	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 03:27	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 03:27	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 03:27	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 03:27	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 03:27	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 03:27	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 03:27	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 03:27	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 03:27	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*05/28/15 03:27*	*10*
Toluene-d8 (Surr)	*105*		*71 - 126*		*05/28/15 03:27*	*10*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*05/28/15 03:27*	*10*
Dibromofluoromethane (Surr)	*103*		*60 - 140*		*05/28/15 03:27*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4500	1600	ug/Kg	☼	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1221	ND		4500	2200	ug/Kg	☼	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1232	ND		4500	2700	ug/Kg	☼	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1242	**24000**		4500	1500	ug/Kg	☼	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1248	ND		4500	1100	ug/Kg	☼	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1254	**26000**		4500	1900	ug/Kg	☼	05/29/15 07:13	06/02/15 21:00	100
Aroclor-1260	ND		4500	1200	ug/Kg	☼	05/29/15 07:13	06/02/15 21:00	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:13*	*06/02/15 21:00*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/02/15 21:00*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0058**	**J**	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:27	1
Barium	**3.6**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:27	1
Cadmium	**0.61**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:27	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:27	1
Lead	**2.2**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:27	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:27	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:27	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:15	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	**7.04**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#44
Date Collected: 05/21/15 11:30
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-7
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 03:51	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 03:51	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 03:51	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 03:51	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 03:51	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 03:51	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 03:51	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 03:51	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 03:51	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 03:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*05/28/15 03:51*	*10*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/28/15 03:51*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*05/28/15 03:51*	*10*
Dibromofluoromethane (Surr)	*98*		*60 - 140*		*05/28/15 03:51*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4400	1600	ug/Kg	☼	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1221	ND		4400	2100	ug/Kg	☼	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1232	ND		4400	2700	ug/Kg	☼	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1242	**17000**		4400	1500	ug/Kg	☼	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1248	ND		4400	1100	ug/Kg	☼	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1254	**28000**		4400	1900	ug/Kg	☼	05/29/15 07:13	06/02/15 21:19	100
Aroclor-1260	ND		4400	1200	ug/Kg	☼	05/29/15 07:13	06/02/15 21:19	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:13*	*06/02/15 21:19*	*100*
DCB Decachlorobiphenyl	*36*	*p*	*14 - 163*	*05/29/15 07:13*	*06/02/15 21:19*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:30	1
Barium	**3.8**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:30	1
Cadmium	**0.63**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:30	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:30	1
Lead	**0.79**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:30	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:30	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:30	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:17	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/03/15 17:23	1
pH	**7.08**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#41
Date Collected: 05/21/15 13:10
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-8
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 04:15	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 04:15	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 04:15	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 04:15	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 04:15	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 04:15	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 04:15	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 04:15	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 04:15	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 04:15	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*05/28/15 04:15*	*10*
Toluene-d8 (Surr)	*100*		*71 - 126*		*05/28/15 04:15*	*10*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*05/28/15 04:15*	*10*
Dibromofluoromethane (Surr)	*102*		*60 - 140*		*05/28/15 04:15*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		21000	7600	ug/Kg	☼	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1221	ND		21000	10000	ug/Kg	☼	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1232	ND		21000	13000	ug/Kg	☼	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1242	**56000**		21000	7000	ug/Kg	☼	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1248	ND		21000	5100	ug/Kg	☼	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1254	**62000**		21000	8900	ug/Kg	☼	05/29/15 07:13	06/02/15 21:38	500
Aroclor-1260	ND		21000	5700	ug/Kg	☼	05/29/15 07:13	06/02/15 21:38	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:13*	*06/02/15 21:38*	*500*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/02/15 21:38*	*500*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0068**	**J**	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:33	1
Barium	**4.1**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:33	1
Cadmium	**0.57**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:33	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:33	1
Lead	**3.8**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:33	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:33	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:33	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00012**	**J**	0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:19	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**7.02**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#40
Date Collected: 05/21/15 13:40
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-9
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 04:39	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 04:39	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 04:39	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 04:39	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 04:39	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 04:39	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 04:39	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 04:39	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 04:39	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 04:39	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*05/28/15 04:39*	*10*
Toluene-d8 (Surr)	*100*		*71 - 126*		*05/28/15 04:39*	*10*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*05/28/15 04:39*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/28/15 04:39*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		9000	3300	ug/Kg	☼	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1221	ND		9000	4300	ug/Kg	☼	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1232	ND		9000	5400	ug/Kg	☼	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1242	**52000**		9000	3000	ug/Kg	☼	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1248	ND		9000	2200	ug/Kg	☼	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1254	**43000**		9000	3800	ug/Kg	☼	05/29/15 07:13	06/02/15 21:57	200
Aroclor-1260	ND		9000	2400	ug/Kg	☼	05/29/15 07:13	06/02/15 21:57	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*X*	*29 - 151*	*05/29/15 07:13*	*06/02/15 21:57*	*200*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/02/15 21:57*	*200*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0093**	**J**	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:35	1
Barium	**5.2**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:35	1
Cadmium	**0.49**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:35	1
Chromium	**0.010**	**J**	0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:35	1
Lead	**4.0**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:35	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:35	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:35	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00019**	**J**	0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**7.00**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#39
Date Collected: 05/21/15 14:10
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-10
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 05:03	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 05:03	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 05:03	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 05:03	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 05:03	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 05:03	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 05:03	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 05:03	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 05:03	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 05:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*05/28/15 05:03*	*10*
Toluene-d8 (Surr)	*99*		*71 - 126*		*05/28/15 05:03*	*10*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*05/28/15 05:03*	*10*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*05/28/15 05:03*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4900	1800	ug/Kg	☼	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1221	ND		4900	2400	ug/Kg	☼	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1232	ND		4900	3000	ug/Kg	☼	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1242	**45000**		4900	1600	ug/Kg	☼	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1248	ND		4900	1200	ug/Kg	☼	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1254	**26000**		4900	2100	ug/Kg	☼	05/29/15 07:13	06/03/15 09:15	100
Aroclor-1260	ND		4900	1300	ug/Kg	☼	05/29/15 07:13	06/03/15 09:15	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*124*		*29 - 151*	*05/29/15 07:13*	*06/03/15 09:15*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/03/15 09:15*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0093**	**J**	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:38	1
Barium	**4.1**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:38	1
Cadmium	**0.47**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:38	1
Chromium	**0.015**	**J**	0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:38	1
Lead	**1.7**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:38	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:38	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:38	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00076**		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:23	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**7.15**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#31
Date Collected: 05/21/15 14:35
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-11
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 05:27	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 05:27	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 05:27	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 05:27	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 05:27	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 05:27	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 05:27	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 05:27	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 05:27	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 05:27	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*05/28/15 05:27*	*10*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/28/15 05:27*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*05/28/15 05:27*	*10*
Dibromofluoromethane (Surr)	*100*		*60 - 140*		*05/28/15 05:27*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4300	1600	ug/Kg	☼	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1221	ND		4300	2100	ug/Kg	☼	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1232	ND		4300	2600	ug/Kg	☼	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1242	**43000**		4300	1400	ug/Kg	☼	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1248	ND		4300	1000	ug/Kg	☼	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1254	**21000**		4300	1800	ug/Kg	☼	05/29/15 07:13	06/02/15 22:36	100
Aroclor-1260	ND		4300	1200	ug/Kg	☼	05/29/15 07:13	06/02/15 22:36	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*		*29 - 151*	*05/29/15 07:13*	*06/02/15 22:36*	*100*
DCB Decachlorobiphenyl	*111*	*p*	*14 - 163*	*05/29/15 07:13*	*06/02/15 22:36*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.012**	**J**	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:41	1
Barium	**6.9**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:41	1
Cadmium	**1.1**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:41	1
Chromium	**0.026**		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:41	1
Lead	**7.9**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:41	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:41	1
Silver	**0.0020**	**J**	0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:41	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0016**		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**7.10**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#SHA-1
Date Collected: 05/21/15 15:45
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-12
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 05:51	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 05:51	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 05:51	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 05:51	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 05:51	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 05:51	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 05:51	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 05:51	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 05:51	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/28/15 05:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*05/28/15 05:51*	*10*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/28/15 05:51*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*05/28/15 05:51*	*10*
Dibromofluoromethane (Surr)	*101*		*60 - 140*		*05/28/15 05:51*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		800	290	ug/Kg	☼	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1221	ND		800	390	ug/Kg	☼	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1232	ND		800	490	ug/Kg	☼	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1242	**1600**		800	270	ug/Kg	☼	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1248	ND		800	190	ug/Kg	☼	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1254	**4700**		800	340	ug/Kg	☼	05/29/15 07:13	06/02/15 22:55	20
Aroclor-1260	ND		800	220	ug/Kg	☼	05/29/15 07:13	06/02/15 22:55	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*46*	*p*	*29 - 151*	*05/29/15 07:13*	*06/02/15 22:55*	*20*
DCB Decachlorobiphenyl	*118*	*p*	*14 - 163*	*05/29/15 07:13*	*06/02/15 22:55*	*20*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:44	1
Barium	**2.2**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:44	1
Cadmium	**0.19**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:44	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:44	1
Lead	**0.54**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:44	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:44	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:44	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:26	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**7.45**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#40-A
Date Collected: 05/21/15 15:50
Date Received: 05/22/15 02:45

Lab Sample ID: 480-80821-13
Matrix: Solid

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/28/15 19:29	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/28/15 19:29	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/28/15 19:29	10
Chloroform	ND		0.010	0.0034	mg/L			05/28/15 19:29	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/28/15 19:29	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/28/15 19:29	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/28/15 19:29	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/28/15 19:29	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/28/15 19:29	10
Vinyl chloride	ND	*	0.010	0.0090	mg/L			05/28/15 19:29	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 137*		*05/28/15 19:29*	*10*
Toluene-d8 (Surr)	*96*		*71 - 126*		*05/28/15 19:29*	*10*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*05/28/15 19:29*	*10*
Dibromofluoromethane (Surr)	*99*		*60 - 140*		*05/28/15 19:29*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		4500	1600	ug/Kg	☼	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1221	ND		4500	2200	ug/Kg	☼	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1232	ND		4500	2700	ug/Kg	☼	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1242	**36000**		4500	1500	ug/Kg	☼	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1248	ND		4500	1100	ug/Kg	☼	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1254	**36000**		4500	1900	ug/Kg	☼	05/29/15 07:13	06/02/15 23:14	100
Aroclor-1260	ND		4500	1200	ug/Kg	☼	05/29/15 07:13	06/02/15 23:14	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*44*	*p*	*29 - 151*	*05/29/15 07:13*	*06/02/15 23:14*	*100*
DCB Decachlorobiphenyl	*0*	*X*	*14 - 163*	*05/29/15 07:13*	*06/02/15 23:14*	*100*

Method: 6010C - TCLP Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0068**	**J**	0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 15:47	1
Barium	**3.6**	**B**	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 15:47	1
Cadmium	**0.50**	**B**	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 15:47	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 15:47	1
Lead	**2.1**	**B**	0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 15:47	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 15:47	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 15:47	1

Method: 7470A - TCLP Mercury - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00012**	**J**	0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			06/04/15 15:55	1
pH	**7.02**	**HF**	0.100	0.100	SU			05/22/15 13:40	1

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method: 8260C - TCLP Volatiles

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
LCS 480-244790/4	Lab Control Sample	85	99	111	97
LCS 480-244866/5	Lab Control Sample	86	100	111	99
MB 480-244790/6	Method Blank	89	99	105	96
MB 480-244866/7	Method Blank	87	97	105	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - TCLP Volatiles

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)	(60-140)
480-80821-1	West Monroe NY-Fortino Sampl	93	100	107	100
480-80821-2	West Monroe NY-Fortino Sample#49	96	102	112	100
480-80821-3	West Monroe NY-Fortino Sample#48	91	98	105	99
480-80821-4	West Monroe NY-Fortino Sample#47	95	99	107	104
480-80821-5	West Monroe NY-Fortino Sample#46	93	98	107	101
480-80821-6	West Monroe NY-Fortino Sample#45	98	105	109	103
480-80821-7	West Monroe NY-Fortino Sample#44	92	97	104	98
480-80821-8	West Monroe NY-Fortino Sample#41	96	100	109	102
480-80821-9	West Monroe NY-Fortino Sample#40	94	100	108	100
480-80821-10	West Monroe NY-Fortino Sample#39	94	99	107	99
480-80821-11	West Monroe NY-Fortino Sample#31	93	97	104	100
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	91	97	104	101
480-80821-13	West Monroe NY-Fortino Sample#40-A	90	96	105	99
LB 480-244465/1-A	Method Blank	91	101	108	98

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Surrogate Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX1 (29-151)	DCB1 (14-163)								
480-80821-1	West Monroe NY-Fortino Sampl	70	93								
480-80821-2	West Monroe NY-Fortino Sample#49	0 X	0 X								
480-80821-3	West Monroe NY-Fortino Sample#48	149	105 p								
480-80821-4	West Monroe NY-Fortino Sample#47	1 p X	49 p								
480-80821-5	West Monroe NY-Fortino Sample#46	43 p	0 X								
480-80821-6	West Monroe NY-Fortino Sample#45	0 X	0 X								
480-80821-7	West Monroe NY-Fortino Sample#44	0 X	36 p								
480-80821-8	West Monroe NY-Fortino Sample#41	0 X	0 X								
480-80821-9	West Monroe NY-Fortino Sample#40	0 X	0 X								
480-80821-10	West Monroe NY-Fortino Sample#39	124	0 X								
480-80821-11	West Monroe NY-Fortino Sample#31	104	111 p								
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	46 p	118 p								
480-80821-13	West Monroe NY-Fortino Sample#40-A	44 p	0 X								
LCS 240-182828/24-A	Lab Control Sample	55	71								
MB 240-182828/23-A	Method Blank	71	77								

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

Method: 8260C - TCLP Volatiles

Lab Sample ID: MB 480-244790/6
Matrix: Solid
Analysis Batch: 244790

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/27/15 22:01	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/27/15 22:01	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/27/15 22:01	1
Chloroform	ND		0.0010	0.00034	mg/L			05/27/15 22:01	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/27/15 22:01	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/27/15 22:01	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/27/15 22:01	1
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/27/15 22:01	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/27/15 22:01	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/27/15 22:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*05/27/15 22:01*	*1*
Toluene-d8 (Surr)	*99*		*71 - 126*		*05/27/15 22:01*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*05/27/15 22:01*	*1*
Dibromofluoromethane (Surr)	*96*		*60 - 140*		*05/27/15 22:01*	*1*

Lab Sample ID: LCS 480-244790/4
Matrix: Solid
Analysis Batch: 244790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0269		mg/L		107	71 - 124
Chlorobenzene	0.0250	0.0272		mg/L		109	72 - 120
1,2-Dichloroethane	0.0250	0.0230		mg/L		92	75 - 127
1,1-Dichloroethene	0.0250	0.0278		mg/L		111	58 - 121
Tetrachloroethene	0.0250	0.0304		mg/L		122	74 - 122
Trichloroethene	0.0250	0.0265		mg/L		106	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*66 - 137*
Toluene-d8 (Surr)	*99*		*71 - 126*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*
Dibromofluoromethane (Surr)	*97*		*60 - 140*

Lab Sample ID: MB 480-244866/7
Matrix: Solid
Analysis Batch: 244866

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0010	0.00041	mg/L			05/28/15 11:31	1
Carbon tetrachloride	ND		0.0010	0.00027	mg/L			05/28/15 11:31	1
Chlorobenzene	ND		0.0010	0.00075	mg/L			05/28/15 11:31	1
Chloroform	ND		0.0010	0.00034	mg/L			05/28/15 11:31	1
1,2-Dichloroethane	ND		0.0010	0.00021	mg/L			05/28/15 11:31	1
1,1-Dichloroethene	ND		0.0010	0.00029	mg/L			05/28/15 11:31	1
2-Butanone (MEK)	ND		0.0050	0.0013	mg/L			05/28/15 11:31	1

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: MB 480-244866/7
Matrix: Solid
Analysis Batch: 244866

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.0010	0.00036	mg/L			05/28/15 11:31	1
Trichloroethene	ND		0.0010	0.00046	mg/L			05/28/15 11:31	1
Vinyl chloride	ND		0.0010	0.00090	mg/L			05/28/15 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*66 - 137*		*05/28/15 11:31*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*05/28/15 11:31*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*05/28/15 11:31*	*1*
Dibromofluoromethane (Surr)	*96*		*60 - 140*		*05/28/15 11:31*	*1*

Lab Sample ID: LCS 480-244866/5
Matrix: Solid
Analysis Batch: 244866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0250	0.0259		mg/L		104	71 - 124
Chlorobenzene	0.0250	0.0274		mg/L		110	72 - 120
1,2-Dichloroethane	0.0250	0.0232		mg/L		93	75 - 127
1,1-Dichloroethene	0.0250	0.0246		mg/L		98	58 - 121
Tetrachloroethene	0.0250	0.0281		mg/L		112	74 - 122
Trichloroethene	0.0250	0.0247		mg/L		99	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*66 - 137*
Toluene-d8 (Surr)	*100*		*71 - 126*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: LB 480-244465/1-A
Matrix: Solid
Analysis Batch: 244790

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			05/27/15 22:38	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			05/27/15 22:38	10
Chlorobenzene	ND		0.010	0.0075	mg/L			05/27/15 22:38	10
Chloroform	ND		0.010	0.0034	mg/L			05/27/15 22:38	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			05/27/15 22:38	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			05/27/15 22:38	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			05/27/15 22:38	10
Tetrachloroethene	ND		0.010	0.0036	mg/L			05/27/15 22:38	10
Trichloroethene	ND		0.010	0.0046	mg/L			05/27/15 22:38	10
Vinyl chloride	ND		0.010	0.0090	mg/L			05/27/15 22:38	10

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*05/27/15 22:38*	*10*
Toluene-d8 (Surr)	*101*		*71 - 126*		*05/27/15 22:38*	*10*

Method: 8260C - TCLP Volatiles (Continued)

Lab Sample ID: LB 480-244465/1-A
Matrix: Solid
Analysis Batch: 244790

Client Sample ID: Method Blank
Prep Type: TCLP

Surrogate	LB %Recovery	LB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		73 - 120		05/27/15 22:38	10
Dibromofluoromethane (Surr)	98		60 - 140		05/27/15 22:38	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-182828/23-A
Matrix: Solid
Analysis Batch: 183417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 182828

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		33	12	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1221	ND		33	16	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1232	ND		33	20	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1242	ND		33	11	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1248	ND		33	8.0	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1254	ND		33	14	ug/Kg		05/29/15 07:13	06/03/15 02:25	1
Aroclor-1260	ND		33	9.0	ug/Kg		05/29/15 07:13	06/03/15 02:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		29 - 151	05/29/15 07:13	06/03/15 02:25	1
DCB Decachlorobiphenyl	77		14 - 163	05/29/15 07:13	06/03/15 02:25	1

Lab Sample ID: LCS 240-182828/24-A
Matrix: Solid
Analysis Batch: 183417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 182828

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	333	217		ug/Kg		65	62 - 120
Aroclor-1260	333	225		ug/Kg		68	56 - 122

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	55		29 - 151
DCB Decachlorobiphenyl	71		14 - 163

Method: 6010C - TCLP Metals (ICP)

Lab Sample ID: MB 480-244679/2-A
Matrix: Solid
Analysis Batch: 245060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 14:40	1
Barium	ND		1.0	0.10	mg/L		05/27/15 11:15	05/28/15 14:40	1
Cadmium	ND		0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 14:40	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 14:40	1
Lead	ND		0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 14:40	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 14:40	1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: MB 480-244679/2-A
Matrix: Solid
Analysis Batch: 245060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 14:40	1

Lab Sample ID: LCS 480-244679/3-A
Matrix: Solid
Analysis Batch: 245060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	1.00	1.02		mg/L		102	80 - 120
Barium	1.00	1.14		mg/L		114	80 - 120
Cadmium	1.00	1.01		mg/L		101	80 - 120
Chromium	1.00	0.973		mg/L		97	80 - 120
Lead	1.00	1.08		mg/L		108	80 - 120
Selenium	1.00	1.10		mg/L		110	80 - 120
Silver	1.00	1.11		mg/L		111	80 - 120

Lab Sample ID: LB 480-244468/1-B
Matrix: Solid
Analysis Batch: 245060

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244679

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		05/27/15 11:15	05/28/15 14:37	1
Barium	0.281	J	1.0	0.10	mg/L		05/27/15 11:15	05/28/15 14:37	1
Cadmium	0.000970	J	0.0020	0.00050	mg/L		05/27/15 11:15	05/28/15 14:37	1
Chromium	ND		0.020	0.010	mg/L		05/27/15 11:15	05/28/15 14:37	1
Lead	0.0648		0.020	0.0030	mg/L		05/27/15 11:15	05/28/15 14:37	1
Selenium	ND		0.025	0.0087	mg/L		05/27/15 11:15	05/28/15 14:37	1
Silver	ND		0.0060	0.0017	mg/L		05/27/15 11:15	05/28/15 14:37	1

Lab Sample ID: 480-80821-2 MS
Matrix: Solid
Analysis Batch: 245060

Client Sample ID: West Monroe NY-Fortino Sample#49
Prep Type: TCLP
Prep Batch: 244679

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0081	J	1.00	1.04		mg/L		103	75 - 125
Barium	2.8	B	1.00	3.55		mg/L		77	75 - 125
Cadmium	0.33	B	1.00	1.34		mg/L		100	75 - 125
Chromium	ND		1.00	0.931		mg/L		93	75 - 125
Lead	1.4	B	1.00	2.28		mg/L		89	75 - 125
Selenium	ND		1.00	1.06		mg/L		106	75 - 125
Silver	ND		1.00	1.10		mg/L		110	75 - 125

Lab Sample ID: 480-80821-2 MSD
Matrix: Solid
Analysis Batch: 245060

Client Sample ID: West Monroe NY-Fortino Sample#49
Prep Type: TCLP
Prep Batch: 244679

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0081	J	1.00	1.04		mg/L		103	75 - 125	0	20
Barium	2.8	B	1.00	3.61		mg/L		83	75 - 125	2	20
Cadmium	0.33	B	1.00	1.34		mg/L		101	75 - 125	0	20

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method: 6010C - TCLP Metals (ICP) (Continued)

Lab Sample ID: 480-80821-2 MSD
Matrix: Solid
Analysis Batch: 245060

Client Sample ID: West Monroe NY-Fortino Sample#49
Prep Type: TCLP
Prep Batch: 244679

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	ND		1.00	0.932		mg/L		93	75 - 125	0	20
Lead	1.4	B	1.00	2.30		mg/L		90	75 - 125	1	20
Selenium	ND		1.00	1.07		mg/L		107	75 - 125	1	20
Silver	ND		1.00	1.10		mg/L		110	75 - 125	1	20

Method: 7470A - TCLP Mercury

Lab Sample ID: MB 480-244708/2-A
Matrix: Solid
Analysis Batch: 244830

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 244708

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 16:56	1

Lab Sample ID: LCS 480-244708/3-A
Matrix: Solid
Analysis Batch: 244830

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 244708

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00668	0.00615		mg/L		92	80 - 120

Lab Sample ID: LB 480-244468/1-C
Matrix: Solid
Analysis Batch: 244830

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 244708

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		05/27/15 13:05	05/27/15 16:54	1

Lab Sample ID: 480-80821-2 MS
Matrix: Solid
Analysis Batch: 244830

Client Sample ID: West Monroe NY-Fortino Sample#49
Prep Type: TCLP
Prep Batch: 244708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00668	0.00620		mg/L		93	80 - 120

Lab Sample ID: 480-80821-2 MSD
Matrix: Solid
Analysis Batch: 244830

Client Sample ID: West Monroe NY-Fortino Sample#49
Prep Type: TCLP
Prep Batch: 244708

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00668	0.00603		mg/L		90	80 - 120	3	20

Method: 1010A - Ignitability, Pensky-Martens Closed Cup Method

Lab Sample ID: LCS 480-246065/1
Matrix: Solid
Analysis Batch: 246065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	82.00		Degrees F		101	97.5 - 102.5		

Lab Sample ID: LCS 480-246318/1
Matrix: Solid
Analysis Batch: 246318

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Flashpoint			81.0	82.00		Degrees F		101	97.5 - 102.5		

Lab Sample ID: 480-80821-8 DU
Matrix: Solid
Analysis Batch: 246318

Client Sample ID: West Monroe NY-Fortino Sample#41
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Flashpoint	>176.0			>176.0		Degrees F				NC	10

Method: 9045D - pH

Lab Sample ID: LCS 480-244196/1
Matrix: Solid
Analysis Batch: 244196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
pH			7.00	6.960		SU		99	99 - 101		

Lab Sample ID: 480-80821-1 DU
Matrix: Solid
Analysis Batch: 244196

Client Sample ID: West Monroe NY-Fortino Sample#50
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.02	HF		6.990		SU				0.4	5

Lab Sample ID: 480-80821-10 DU
Matrix: Solid
Analysis Batch: 244196

Client Sample ID: West Monroe NY-Fortino Sample#39
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.15	HF		7.110		SU				0.6	5

GC/MS VOA

Leach Batch: 244465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	1311	
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	1311	
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	1311	
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	1311	
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	1311	
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	1311	
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	1311	
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	1311	
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	1311	
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	1311	
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	1311	
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	1311	
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	1311	
LB 480-244465/1-A	Method Blank	TCLP	Solid	1311	

Analysis Batch: 244790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	8260C	244465
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	8260C	244465
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	8260C	244465
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	8260C	244465
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	8260C	244465
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	8260C	244465
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	8260C	244465
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	8260C	244465
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	8260C	244465
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	8260C	244465
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	8260C	244465
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	8260C	244465
LB 480-244465/1-A	Method Blank	TCLP	Solid	8260C	244465
LCS 480-244790/4	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-244790/6	Method Blank	Total/NA	Solid	8260C	

Analysis Batch: 244866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	8260C	244465
LCS 480-244866/5	Lab Control Sample	Total/NA	Solid	8260C	
MB 480-244866/7	Method Blank	Total/NA	Solid	8260C	

GC Semi VOA

Prep Batch: 182828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	Total/NA	Solid	3540C	
480-80821-2	West Monroe NY-Fortino Sample#49	Total/NA	Solid	3540C	
480-80821-3	West Monroe NY-Fortino Sample#48	Total/NA	Solid	3540C	
480-80821-4	West Monroe NY-Fortino Sample#47	Total/NA	Solid	3540C	
480-80821-5	West Monroe NY-Fortino Sample#46	Total/NA	Solid	3540C	
480-80821-6	West Monroe NY-Fortino Sample#45	Total/NA	Solid	3540C	
480-80821-7	West Monroe NY-Fortino Sample#44	Total/NA	Solid	3540C	

GC Semi VOA (Continued)

Prep Batch: 182828 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-8	West Monroe NY-Fortino Sample#41	Total/NA	Solid	3540C	
480-80821-9	West Monroe NY-Fortino Sample#40	Total/NA	Solid	3540C	
480-80821-10	West Monroe NY-Fortino Sample#39	Total/NA	Solid	3540C	
480-80821-11	West Monroe NY-Fortino Sample#31	Total/NA	Solid	3540C	
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Total/NA	Solid	3540C	
480-80821-13	West Monroe NY-Fortino Sample#40-A	Total/NA	Solid	3540C	
LCS 240-182828/24-A	Lab Control Sample	Total/NA	Solid	3540C	
MB 240-182828/23-A	Method Blank	Total/NA	Solid	3540C	

Analysis Batch: 183417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	Total/NA	Solid	8082A	182828
480-80821-2	West Monroe NY-Fortino Sample#49	Total/NA	Solid	8082A	182828
480-80821-3	West Monroe NY-Fortino Sample#48	Total/NA	Solid	8082A	182828
480-80821-4	West Monroe NY-Fortino Sample#47	Total/NA	Solid	8082A	182828
480-80821-5	West Monroe NY-Fortino Sample#46	Total/NA	Solid	8082A	182828
480-80821-6	West Monroe NY-Fortino Sample#45	Total/NA	Solid	8082A	182828
480-80821-7	West Monroe NY-Fortino Sample#44	Total/NA	Solid	8082A	182828
480-80821-8	West Monroe NY-Fortino Sample#41	Total/NA	Solid	8082A	182828
480-80821-9	West Monroe NY-Fortino Sample#40	Total/NA	Solid	8082A	182828
480-80821-11	West Monroe NY-Fortino Sample#31	Total/NA	Solid	8082A	182828
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Total/NA	Solid	8082A	182828
480-80821-13	West Monroe NY-Fortino Sample#40-A	Total/NA	Solid	8082A	182828
LCS 240-182828/24-A	Lab Control Sample	Total/NA	Solid	8082A	182828
MB 240-182828/23-A	Method Blank	Total/NA	Solid	8082A	182828

Analysis Batch: 183451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-10	West Monroe NY-Fortino Sample#39	Total/NA	Solid	8082A	182828

Metals

Leach Batch: 244468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	1311	
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	1311	
480-80821-2 MS	West Monroe NY-Fortino Sample#49	TCLP	Solid	1311	
480-80821-2 MSD	West Monroe NY-Fortino Sample#49	TCLP	Solid	1311	
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	1311	
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	1311	
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	1311	
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	1311	
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	1311	
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	1311	
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	1311	
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	1311	
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	1311	
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	1311	
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	1311	
LB 480-244468/1-B	Method Blank	TCLP	Solid	1311	

Metals (Continued)

Leach Batch: 244468 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 480-244468/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 244679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	3010A	244468
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	3010A	244468
480-80821-2 MS	West Monroe NY-Fortino Sample#49	TCLP	Solid	3010A	244468
480-80821-2 MSD	West Monroe NY-Fortino Sample#49	TCLP	Solid	3010A	244468
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	3010A	244468
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	3010A	244468
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	3010A	244468
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	3010A	244468
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	3010A	244468
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	3010A	244468
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	3010A	244468
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	3010A	244468
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	3010A	244468
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	3010A	244468
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	3010A	244468
LB 480-244468/1-B	Method Blank	TCLP	Solid	3010A	244468
LCS 480-244679/3-A	Lab Control Sample	Total/NA	Solid	3010A	
MB 480-244679/2-A	Method Blank	Total/NA	Solid	3010A	

Prep Batch: 244708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	7470A	244468
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244468
480-80821-2 MS	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244468
480-80821-2 MSD	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244468
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	7470A	244468
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	7470A	244468
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	7470A	244468
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	7470A	244468
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	7470A	244468
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	7470A	244468
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	7470A	244468
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	7470A	244468
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	7470A	244468
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	7470A	244468
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	7470A	244468
LB 480-244468/1-C	Method Blank	TCLP	Solid	7470A	244468
LCS 480-244708/3-A	Lab Control Sample	Total/NA	Solid	7470A	
MB 480-244708/2-A	Method Blank	Total/NA	Solid	7470A	

Analysis Batch: 244830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	7470A	244708
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244708
480-80821-2 MS	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244708
480-80821-2 MSD	West Monroe NY-Fortino Sample#49	TCLP	Solid	7470A	244708
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	7470A	244708

Metals (Continued)

Analysis Batch: 244830 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	7470A	244708
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	7470A	244708
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	7470A	244708
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	7470A	244708
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	7470A	244708
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	7470A	244708
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	7470A	244708
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	7470A	244708
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	7470A	244708
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	7470A	244708
LB 480-244468/1-C	Method Blank	TCLP	Solid	7470A	244708
LCS 480-244708/3-A	Lab Control Sample	Total/NA	Solid	7470A	244708
MB 480-244708/2-A	Method Blank	Total/NA	Solid	7470A	244708

Analysis Batch: 245060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	TCLP	Solid	6010C	244679
480-80821-2	West Monroe NY-Fortino Sample#49	TCLP	Solid	6010C	244679
480-80821-2 MS	West Monroe NY-Fortino Sample#49	TCLP	Solid	6010C	244679
480-80821-2 MSD	West Monroe NY-Fortino Sample#49	TCLP	Solid	6010C	244679
480-80821-3	West Monroe NY-Fortino Sample#48	TCLP	Solid	6010C	244679
480-80821-4	West Monroe NY-Fortino Sample#47	TCLP	Solid	6010C	244679
480-80821-5	West Monroe NY-Fortino Sample#46	TCLP	Solid	6010C	244679
480-80821-6	West Monroe NY-Fortino Sample#45	TCLP	Solid	6010C	244679
480-80821-7	West Monroe NY-Fortino Sample#44	TCLP	Solid	6010C	244679
480-80821-8	West Monroe NY-Fortino Sample#41	TCLP	Solid	6010C	244679
480-80821-9	West Monroe NY-Fortino Sample#40	TCLP	Solid	6010C	244679
480-80821-10	West Monroe NY-Fortino Sample#39	TCLP	Solid	6010C	244679
480-80821-11	West Monroe NY-Fortino Sample#31	TCLP	Solid	6010C	244679
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	TCLP	Solid	6010C	244679
480-80821-13	West Monroe NY-Fortino Sample#40-A	TCLP	Solid	6010C	244679
LB 480-244468/1-B	Method Blank	TCLP	Solid	6010C	244679
LCS 480-244679/3-A	Lab Control Sample	Total/NA	Solid	6010C	244679
MB 480-244679/2-A	Method Blank	Total/NA	Solid	6010C	244679

General Chemistry

Analysis Batch: 244057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	Total/NA	Solid	Moisture	
480-80821-2	West Monroe NY-Fortino Sample#49	Total/NA	Solid	Moisture	
480-80821-3	West Monroe NY-Fortino Sample#48	Total/NA	Solid	Moisture	
480-80821-4	West Monroe NY-Fortino Sample#47	Total/NA	Solid	Moisture	
480-80821-5	West Monroe NY-Fortino Sample#46	Total/NA	Solid	Moisture	
480-80821-6	West Monroe NY-Fortino Sample#45	Total/NA	Solid	Moisture	
480-80821-7	West Monroe NY-Fortino Sample#44	Total/NA	Solid	Moisture	
480-80821-8	West Monroe NY-Fortino Sample#41	Total/NA	Solid	Moisture	
480-80821-9	West Monroe NY-Fortino Sample#40	Total/NA	Solid	Moisture	
480-80821-10	West Monroe NY-Fortino Sample#39	Total/NA	Solid	Moisture	
480-80821-11	West Monroe NY-Fortino Sample#31	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 244057 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Total/NA	Solid	Moisture	
480-80821-13	West Monroe NY-Fortino Sample#40-A	Total/NA	Solid	Moisture	

Analysis Batch: 244196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	Total/NA	Solid	9045D	
480-80821-1 DU	West Monroe NY-Fortino Sample#50	Total/NA	Solid	9045D	
480-80821-2	West Monroe NY-Fortino Sample#49	Total/NA	Solid	9045D	
480-80821-3	West Monroe NY-Fortino Sample#48	Total/NA	Solid	9045D	
480-80821-4	West Monroe NY-Fortino Sample#47	Total/NA	Solid	9045D	
480-80821-5	West Monroe NY-Fortino Sample#46	Total/NA	Solid	9045D	
480-80821-6	West Monroe NY-Fortino Sample#45	Total/NA	Solid	9045D	
480-80821-7	West Monroe NY-Fortino Sample#44	Total/NA	Solid	9045D	
480-80821-8	West Monroe NY-Fortino Sample#41	Total/NA	Solid	9045D	
480-80821-9	West Monroe NY-Fortino Sample#40	Total/NA	Solid	9045D	
480-80821-10	West Monroe NY-Fortino Sample#39	Total/NA	Solid	9045D	
480-80821-10 DU	West Monroe NY-Fortino Sample#39	Total/NA	Solid	9045D	
480-80821-11	West Monroe NY-Fortino Sample#31	Total/NA	Solid	9045D	
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Total/NA	Solid	9045D	
480-80821-13	West Monroe NY-Fortino Sample#40-A	Total/NA	Solid	9045D	
LCS 480-244196/1	Lab Control Sample	Total/NA	Solid	9045D	

Analysis Batch: 246065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-1	West Monroe NY-Fortino Sample#50	Total/NA	Solid	1010A	
480-80821-2	West Monroe NY-Fortino Sample#49	Total/NA	Solid	1010A	
480-80821-3	West Monroe NY-Fortino Sample#48	Total/NA	Solid	1010A	
480-80821-4	West Monroe NY-Fortino Sample#47	Total/NA	Solid	1010A	
480-80821-5	West Monroe NY-Fortino Sample#46	Total/NA	Solid	1010A	
480-80821-6	West Monroe NY-Fortino Sample#45	Total/NA	Solid	1010A	
480-80821-7	West Monroe NY-Fortino Sample#44	Total/NA	Solid	1010A	
LCS 480-246065/1	Lab Control Sample	Total/NA	Solid	1010A	

Analysis Batch: 246318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-80821-8	West Monroe NY-Fortino Sample#41	Total/NA	Solid	1010A	
480-80821-8 DU	West Monroe NY-Fortino Sample#41	Total/NA	Solid	1010A	
480-80821-9	West Monroe NY-Fortino Sample#40	Total/NA	Solid	1010A	
480-80821-10	West Monroe NY-Fortino Sample#39	Total/NA	Solid	1010A	
480-80821-11	West Monroe NY-Fortino Sample#31	Total/NA	Solid	1010A	
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Total/NA	Solid	1010A	
480-80821-13	West Monroe NY-Fortino Sample#40-A	Total/NA	Solid	1010A	
LCS 480-246318/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#50

Lab Sample ID: 480-80821-1
Matrix: Solid
Date Collected: 05/21/15 07:45
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 01:26	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		20	183417	06/02/15 19:25	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 14:53	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 16:59	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#49

Lab Sample ID: 480-80821-2
Matrix: Solid
Date Collected: 05/21/15 08:15
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 01:50	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 19:44	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 14:56	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:00	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#48

Lab Sample ID: 480-80821-3
Matrix: Solid
Date Collected: 05/21/15 08:45
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 02:15	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		50	183417	06/02/15 20:03	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#48

Lab Sample ID: 480-80821-3
Date Collected: 05/21/15 08:45
Matrix: Solid
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:10	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:07	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#47

Lab Sample ID: 480-80821-4
Date Collected: 05/21/15 09:25
Matrix: Solid
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 02:39	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		50	183417	06/02/15 20:22	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:13	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:09	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#46

Lab Sample ID: 480-80821-5
Date Collected: 05/21/15 10:30
Matrix: Solid
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 03:03	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		50	183417	06/02/15 20:41	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:24	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:14	LRK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#46

Lab Sample ID: 480-80821-5
Date Collected: 05/21/15 10:30
Matrix: Solid
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#45

Lab Sample ID: 480-80821-6
Date Collected: 05/21/15 11:00
Matrix: Solid
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 03:27	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 21:00	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:27	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:15	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#44

Lab Sample ID: 480-80821-7
Date Collected: 05/21/15 11:30
Matrix: Solid
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 03:51	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 21:19	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:30	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:17	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246065	06/03/15 17:23	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#41

Lab Sample ID: 480-80821-8
Matrix: Solid
Date Collected: 05/21/15 13:10
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 04:15	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		500	183417	06/02/15 21:38	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:33	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:19	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#40

Lab Sample ID: 480-80821-9
Matrix: Solid
Date Collected: 05/21/15 13:40
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 04:39	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		200	183417	06/02/15 21:57	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:35	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:21	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#39

Lab Sample ID: 480-80821-10
Matrix: Solid
Date Collected: 05/21/15 14:10
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 05:03	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183451	06/03/15 09:15	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#39

Lab Sample ID: 480-80821-10
Date Collected: 05/21/15 14:10
Matrix: Solid
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:38	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:23	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#31

Lab Sample ID: 480-80821-11
Date Collected: 05/21/15 14:35
Matrix: Solid
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 05:27	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 22:36	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:41	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:24	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#SHA-1

Lab Sample ID: 480-80821-12
Date Collected: 05/21/15 15:45
Matrix: Solid
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244790	05/28/15 05:51	JWG	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		20	183417	06/02/15 22:55	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:44	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:26	LRK	TAL BUF

Lab Chronicle

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Client Sample ID: West Monroe NY-Fortino Sample#SHA-1

Lab Sample ID: 480-80821-12
Matrix: Solid
Date Collected: 05/21/15 15:45
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Client Sample ID: West Monroe NY-Fortino Sample#40-A

Lab Sample ID: 480-80821-13
Matrix: Solid
Date Collected: 05/21/15 15:50
Date Received: 05/22/15 02:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			244465	05/26/15 11:37	JLS	TAL BUF
TCLP	Analysis	8260C		10	244866	05/28/15 19:29	NMD1	TAL BUF
Total/NA	Prep	3540C			182828	05/29/15 07:13	DT	TAL CAN
Total/NA	Analysis	8082A		100	183417	06/02/15 23:14	KMG	TAL CAN
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	3010A			244679	05/27/15 11:15	TAS	TAL BUF
TCLP	Analysis	6010C		1	245060	05/28/15 15:47	TRB	TAL BUF
TCLP	Leach	1311			244468	05/26/15 11:42	JLS	TAL BUF
TCLP	Prep	7470A			244708	05/27/15 13:05	LRK	TAL BUF
TCLP	Analysis	7470A		1	244830	05/27/15 17:28	LRK	TAL BUF
Total/NA	Analysis	1010A		1	246318	06/04/15 15:55	STD	TAL BUF
Total/NA	Analysis	9045D		1	244196	05/22/15 13:40	MGH	TAL BUF
Total/NA	Analysis	Moisture		1	244057	05/22/15 08:40	CSW	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600
TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-15
Florida	NELAP	4	E87225	06-30-15 *
Georgia	State Program	4	N/A	06-30-15 *
Illinois	NELAP	5	200004	07-31-15
Kansas	NELAP	7	E-10336	05-31-15 *
Kentucky (UST)	State Program	4	58	06-30-15 *
Kentucky (WW)	State Program	4	98016	12-31-15
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-15
Nevada	State Program	9	OH-000482008A	07-31-15
New Jersey	NELAP	2	OH001	06-30-15 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	10-31-15
Oregon	NELAP	10	4062	02-23-16
Pennsylvania	NELAP	3	68-00340	08-31-15
Texas	NELAP	6		08-31-15
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-15
Washington	State Program	10	C971	01-12-16
West Virginia DEP	State Program	3	210	12-31-15
Wisconsin	State Program	5	999518190	08-31-15

* Certification renewal pending - certification considered valid.

Method Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL CAN
6010C	TCLP Metals (ICP)	SW846	TAL BUF
7470A	TCLP Mercury	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL BUF
9045D	pH	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: MJ Engineering & Land Surveying PC
Project/Site: Characterization Sample -West Monroe, NY

TestAmerica Job ID: 480-80821-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-80821-1	West Monroe NY-Fortino Sample#50	Solid	05/21/15 07:45	05/22/15 02:45
480-80821-2	West Monroe NY-Fortino Sample#49	Solid	05/21/15 08:15	05/22/15 02:45
480-80821-3	West Monroe NY-Fortino Sample#48	Solid	05/21/15 08:45	05/22/15 02:45
480-80821-4	West Monroe NY-Fortino Sample#47	Solid	05/21/15 09:25	05/22/15 02:45
480-80821-5	West Monroe NY-Fortino Sample#46	Solid	05/21/15 10:30	05/22/15 02:45
480-80821-6	West Monroe NY-Fortino Sample#45	Solid	05/21/15 11:00	05/22/15 02:45
480-80821-7	West Monroe NY-Fortino Sample#44	Solid	05/21/15 11:30	05/22/15 02:45
480-80821-8	West Monroe NY-Fortino Sample#41	Solid	05/21/15 13:10	05/22/15 02:45
480-80821-9	West Monroe NY-Fortino Sample#40	Solid	05/21/15 13:40	05/22/15 02:45
480-80821-10	West Monroe NY-Fortino Sample#39	Solid	05/21/15 14:10	05/22/15 02:45
480-80821-11	West Monroe NY-Fortino Sample#31	Solid	05/21/15 14:35	05/22/15 02:45
480-80821-12	West Monroe NY-Fortino Sample#SHA-1	Solid	05/21/15 15:45	05/22/15 02:45
480-80821-13	West Monroe NY-Fortino Sample#40-A	Solid	05/21/15 15:50	05/22/15 02:45

>>> Select a Laboratory <<<
TA - Buffalo, NY
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

Client Contact	Project Manager: Tom Binsfeld	Site Contact: Tom Binsfeld	Date: 5/21/15	COC No: 2
MJ Engineering & Land Surveying	Tel/Fax: 518-577-9959 (cell)	Lab Contact: A. Massa	Carrier:	1 of 2 COCs
1533 Crescent Rd	Analysis Turnaround Time			Sampler:
Clifton Park, NY 12065	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
(518) 370-0799 Phone	TAT if different from Below _____			Walk-in Client:
(518) 371-0822 FAX	☑ 2 weeks			Lab Sampling:
Project Name: Fortino Tire Site Investigation	☐ 1 week			Job / SDG No.:
Site: Fortino Tire Site Investigation	☐ 2 days			
P O # (Project # 915.06)	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 50	5/21	0745	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 49	5/21	815	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 48	5/21	845	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 47	5/21	925	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 46	5/21	1030	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 45	5/21	1100	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 44	5/21	1130	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	

480-80821 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	MJ Engineering	5/21/15 1715		Syr	5-21-15, 17:15
Relinquished by:	Syr 5-21-15	19:00		TAO	22MAY15 0245
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

0.2.0.6.09 #1

Page 45 of 47

6/5/2015

>>> Select a Laboratory <<<

TA - Buffalo, NY
#N/A
#N/A
#N/A

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other:

Client Contact	Project Manager: Tom Binsfeld	Site Contact: Tom Binsfeld	Date: 5/21/15	COC No: 2 of 2 COCs
MJ Engineering & Land Surveying	Tel/Fax: 518-577-9959 (cell)	Lab Contact: A. Massa	Carrier:	
1533 Crescent Rd	Analysis Turnaround Time			Sampler:
Clifton Park, NY 12065	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
(518) 370-0799 Phone	TAT if different from Below _____			Walk-in Client:
(518) 371-0822 FAX	☑ 2 weeks			Lab Sampling:
Project Name: Fortino Tire Site Investigation	☐ 1 week			
Site: Fortino Tire Site Investigation	☐ 2 days			Job / SDG No.:
P O # (Project # 915.06)	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	TCLP (Metals)	SVOC	VOC	Ignitability	Reactivity	pH	TCLP (Pest)	TCLP (Herb)	CN	Sulfide Reactivity	Metals (Hg)	Sample Specific Notes:
West Monroe NY - Fortino Sample # 41	5/21	1310	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 40	5/21	1340	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 39	5/21	1410	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 31	5/21	1435	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # SHA1	5/21	1545	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # 40-A	5/21	1550	Comp	Soil	6			X	X	X	X	X	X	X	X	X	X	X	
West Monroe NY - Fortino Sample # ___								X	X	X	X	X	X	X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

	Company	Date/Time		Company	Date/Time
Relinquished by:	MJ Engineering	5/21 1705	Received by:	Shar	5-21-15, 17:15
Relinquished by:	Shar 5-21-15	19:00	Received by:	TMB	22MAY15 0245
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.3, dated 12/05/2013

0.2 0.6, 0.9 #1

Login Sample Receipt Checklist

Client: MJ Engineering & Land Surveying PC

Job Number: 480-80821-1

Login Number: 80821
List Number: 1
Creator: Williams, Christopher S

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	MJ ENGINEERING
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX B
LAND SURVEY DATA AND MAPS

Site # 738047
Fortino Tire Site

Monitoring Well Locations

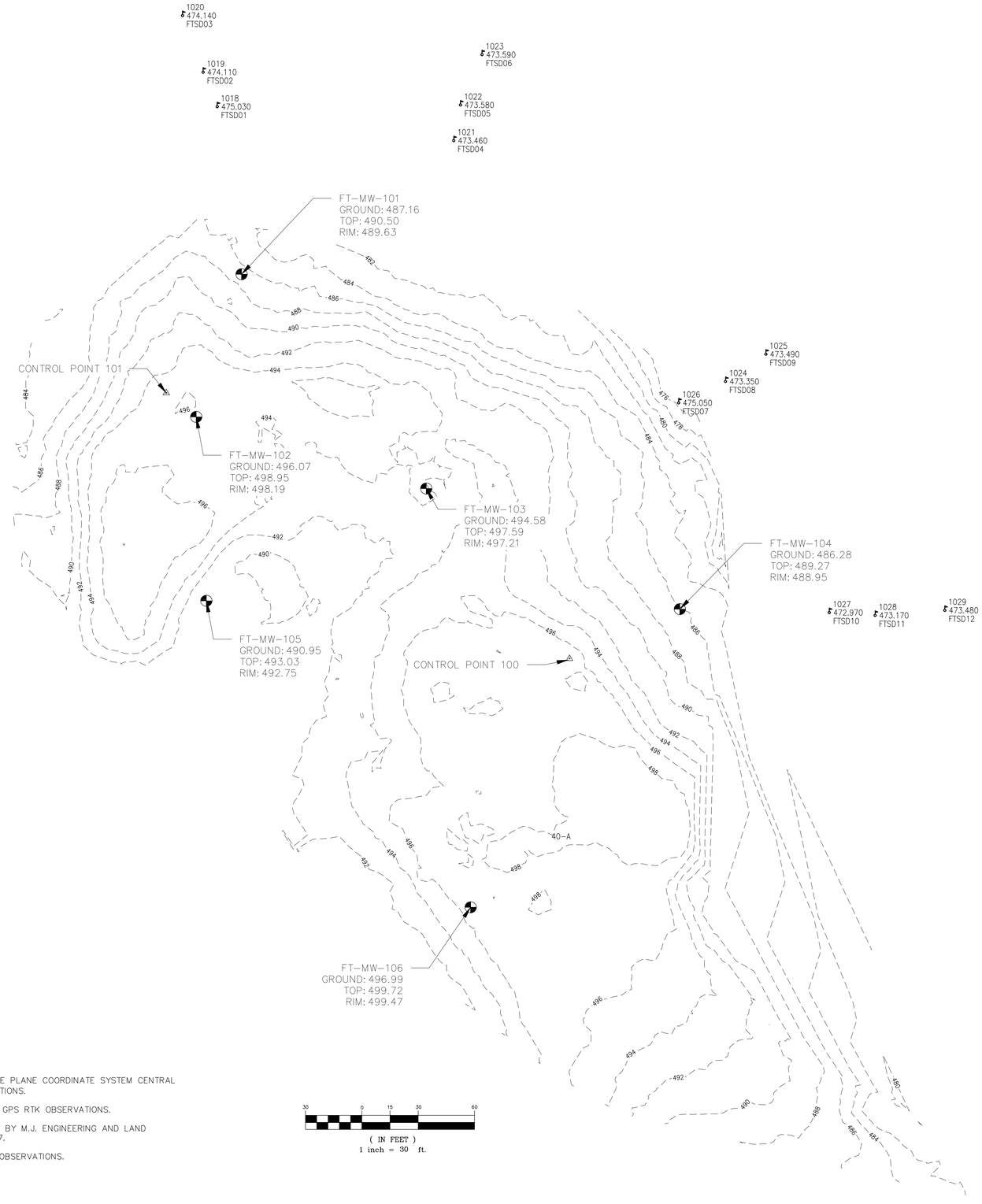
Below are the values for the monitoring wells determined by M.J. Engineering and Land Surveying, P.C. August 28th, 2017.

Horizontal Datum: NYSPC System, Central Zone North American Datum of 1983 (NAD 83)
Vertical Datum: North American Vertical Datum of 1988 (NAVD 88)
Units – U.S. Survey Feet

POINT #	LATITUDE	LONGITUDE	NORTHING	EASTING	ELEVATION	DESCRIPTION
1007	43.2965976	76.0403237	1201644.1080'	964765.9420'	490.50'	FT-MW-101 TOP
1008	43.2965985	76.0403237	1201644.4070'	964765.9400'	489.63'	FT-MW-101 RIM
1006	43.2965981	76.0403263	1201644.2640'	964765.2570'	487.16'	FT-MW-101 GR.
1010	43.2963895	76.0404162	1201568.0670'	964741.8100'	498.95'	FT-MW-102 TOP
1011	43.2963894	76.0404165	1201568.0320'	964741.7400'	498.19'	FT-MW-102 RIM
1009	43.2963901	76.0404181	1201568.3140'	964741.3180'	496.07'	FT-MW-102 GR.
1001	43.2962826	76.0399573	1201529.9140'	964864.2280'	497.59'	FT-MW-103 TOP
1002	43.2962829	76.0399575	1201530.0090'	964864.1910'	497.21'	FT-MW-103 RIM
1000	43.2962818	76.0399578	1201529.6110'	964864.1150'	494.58'	FT-MW-103 GR.
1004	43.2961041	76.0394518	1201465.7270'	964999.2320'	489.27'	FT-MW-104 TOP
1005	43.2961047	76.0394505	1201465.9690'	964999.5680'	488.95'	FT-MW-104 RIM
1003	43.2961043	76.0394528	1201465.7880'	964998.9760'	486.28'	FT-MW-104 GR.
1013	43.2961206	76.0403983	1201470.1210'	964747.2310'	493.03'	FT-MW-105 TOP
1014	43.2961204	76.0403984	1201470.0540'	964747.1990'	492.75'	FT-MW-105 RIM
1012	43.2961196	76.0403973	1201469.7580'	964747.4910'	490.95'	FT-MW-105 GR.
1016	43.2956703	76.0398739	1201306.9120'	964887.8950'	499.72'	FT-MW-106 TOP
1017	43.2956699	76.0398736	1201306.7510'	964887.9710'	499.47'	FT-MW-106 RIM
1015	43.2956713	76.0398733	1201307.2570'	964888.0560'	496.99'	FT-MW-106 GR.

SOIL BORINGS

POINT #	LATITUDE	LONGITUDE	NORTHING	EASTING	ELEVATION	DESCRIPTION
1018	43.2968427	76.0403702	1201733.3410'	964753.0010'	475.03'	FTSD01
1019	43.2968931	76.0403980	1201751.6830'	964745.4820'	474.11'	FTSD02
1020	43.2969761	76.0404383	1201781.8400'	964734.5440'	474.14'	FTSD03
1021	43.2967909	76.0398976	1201715.2660'	964878.9300'	473.46'	FTSD04
1022	43.2968428	76.0398837	1201734.2390'	964882.4940'	473.58'	FTSD05
1023	43.2969161	76.0398400	1201761.0310'	964893.9720'	473.59'	FTSD06
1024	43.2964363	76.0393573	1201586.9920'	965023.5940'	473.35'	FTSD08
1025	43.2964758	76.0392763	1201601.5170'	965045.0780'	473.49'	FTSD09
1026	43.2964055	76.0394514	1201575.5760'	964998.6250'	475.05'	FTSD07
1027	43.2960977	76.0391530	1201463.9200'	965078.8080'	472.97'	FTSD10
1028	43.2960932	76.0390613	1201462.4300'	965103.2300'	473.17'	FTSD11
1029	43.2960999	76.0389219	1201465.1060'	965140.3110'	473.48'	FTSD12



LEGEND:

MONITORING WELL

SOIL SAMPLE FLAG

CONTOUR LINE

CONTROL POINT:

100	N: 1201439.3720	E: 964940.5410	ELEV: 496.49
101	N: 1201580.8480	E: 964725.9180	ELEV: 495.74

1. HORIZONTAL DATUM REFERS TO THE NEW YORK STATE PLANE COORDINATE SYSTEM CENTRAL ZONE NAD 83 (2011) DERIVED FROM GPS RTK OBSERVATIONS.

2. VERTICAL DATUM REFERS TO NAVD88 DERIVED FROM GPS RTK OBSERVATIONS.

3. MAPPING PREPARED FROM AN ACTUAL FIELD SURVEY BY M.J. ENGINEERING AND LAND SURVEYING, P.C. IN MAY OF 2015 AND AUGUST OF 2017.

4. NORTH ORIENTATION IS GRID NORTH FROM GPS RTK OBSERVATIONS.

SCALE: 1"=30'
CONTRACT No.:
MJ PROJ. No.: 81.7.02
DATE: 8-31-17

FORTINO TIRE SITE
SITE # 738047
PINNACLE ROAD
WEST MONROE
COUNTY OF OSWEGO
STATE OF NEW YORK

Engineering and Land Surveying, P.C.
1533 Crescent Road - Clifton Park, NY 12065

SEAL

SUBMITTAL / REVISIONS

No.	DATE	DESCRIPTION	BY	REV'D BY:	DATE

PROJ. MGR:	GR
CHIEF DES:	
DES'D BY:	
DRAWN BY:	DV
CHK'ED BY:	

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, (I.E.) ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.

File Name: \\europa\survey\MJ\817.02 NYSDEC Fortino Tire\Cad\Fortino Site.dwg (Layout: Layout1)
Date: Wed, Sep 06, 2017 - 3:50 PM (Name: greed)

APPENDIX C
DIRECT PUSH SOIL BORING LOGS

TRC
Results you can rely on

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-101**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**16**	Hole Diameter:	**2.25**
Date Started:	**12/12/16**	Date Completed:	**12/12/16**
Coordinate System:	**NYSPC System**		
North:	**1201733.341**	East:	**964753.001**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**475.03**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–4	GP-1		4.0	1.3		0'- 8' (SW) Fine to coarse sand and fine sub-rounded gravel, dark brown, no odor.	
5–8	GP-2		4.0	1.0			
9–12	GP-3		4.0	0.8		8'- 16' (ML) Silt and fine gravel with plastic and metal debris, dark brown, no odor.	
13–16	GP-4		4.0	2.5		15' As above, medium sand, red brown to dark brown.	
17–26						Bottom of borehole at 16.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
L:\GINTW\PROJECTS NOTE NON STD REPORTS\FORTINO TIRE LANDFILL\FORTINO TIRE LANDFILL.GPJ

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-102**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	**Fortino Tire**	Boring Depth:	**4**	Hole Diameter:	**2.25**
Project Location:	**West Monroe, NY**	Date Started:	**12/14/16**	Date Completed:	**12/14/16**
Project Number:	**251592.0000.0000**	Coordinate System:	**NYSPC System**		
Client:	**NYSDEC**	North:	**1201751.683**	East:	**964745.482**
TRC Eng./Geol:	**Ryan Jorrey**	Vertical Datum:	**NAVD 88**	Ground Elevation:	**474.11**
Checked By:	**Kevin Sullivan**				

DRILLING INFORMATION	
Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS			
MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–4	GP-1		4.0	1.3		0'- 3' (SP-SM) Medium silt and fine sand with little fine subrounded gravel, brown to dark brown, no odor.	◆
						3'- 4' (SP) Fine sand with little gravel, dark brown, waste.	
5						Refusal at 4.0 feet.	
6						Bottom of borehole at 4.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
L:\GINTW\PROJECTS NOTE NON STD REPORTS\FORTINO TIRE LANDFILL\FORTINO TIRE LANDFILL.GPJ

TRC
Results you can rely on

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-103**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**20**	Hole Diameter:	**2.25**
Date Started:	**12/15/16**	Date Completed:	**12/15/16**
Coordinate System:	**NYSPC System**		
North:	**1201781.84**	East:	**964734.544**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**474.14**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**L. Pech**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–10	GP-1		5.0	1.0		0'- 10' ASR waste.	
6–10	GP-2		5.0	1.5			
11–15	GP-3		5.0	0.0		10'- 15' No recovery.	
16–20	GP-4		5.0	3.0		15'- 15.5' ASR waste. 15.5'- 20' Native light brown coarse sand.	
						Bottom of borehole at 20.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
L:\GINTW\PROJECTS NOTE NON STD REPORTS\FORTINO TIRE LANDFILL\FORTINO TIRE LANDFILL.GPJ

TRC
Results you can rely on

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-104**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**20**	Hole Diameter:	**2.25**
Date Started:	**12/15/16**	Date Completed:	**12/15/16**
Coordinate System:	**NYSPC System**		
North:	**1201715.266**	East:	**964878.93**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**473.46**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**L. Pech**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–5	GP-1		5.0	0.5		0'- 10.5' ASR waste.	
6–10	GP-2		5.0	0.8			
11–15	GP-3		5.0	2.5		10.5'- 20' Red brown silt and coarse sand.	
16–20	GP-4		5.0	3.0			
21–26						Bottom of borehole at 20.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
L:\GINTW\PROJECTS NOTE NON STD REPORTS\FORTINO TIRE LANDFILL\FORTINO TIRE LANDFILL.GPJ

TRC
Results you can rely on

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-105**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**17**	Hole Diameter:	**2.25**
Date Started:	**12/14/16**	Date Completed:	**12/14/16**
Coordinate System:	**NYSPC System**		
North:	**1201734.239**	East:	**964882.494**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**473.58**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–5	GP-1		5.0	3.0		0'- 1' ASR waste. 1'- 17' Red till, native	◆
6–10	GP-2		5.0	4.0			◆
11–15	GP-3		5.0	4.0			◆
16–17	GP-4		2.0	2.0			

Refusal at 17.0 feet.
Bottom of borehole at 17.0 feet.

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
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TRC
Results you can rely on

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-106**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**20**	Hole Diameter:	**2.25**
Date Started:	**12/14/16**	Date Completed:	**12/14/16**
Coordinate System:	**NYSPC System**		
North:	**1201761.031**	East:	**964893.972**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**473.59**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–5	GP-1		5.0	0.0		0'- 5' No recovery, automobile tires had to be augered.	
6–10	GP-2		5.0	1.5		5'- 11' ASR waste.	◆
11–15	GP-3		5.0	1.5		11'- 16' Native brown coarse sand and silt.	◆
16–20	GP-4		5.0	4.0		16'- 20' Red till.	◆
21–26						Bottom of borehole at 20.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
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Results you can rely on

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Madison, WI 53717
Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-107**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**20**	Hole Diameter:	**2.25**
Date Started:	**12/14/16**	Date Completed:	**12/14/16**
Coordinate System:	**NYSPC System**		
North:	**1201586.992**	East:	**965023.594**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**473.35**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–5	GP-1		5.0	2.0		0'- 16' ASR waste.	◆
6–10	GP-2		5.0	1.5			◆
11–15	GP-3		5.0	2.0			◆
16–20	GP-4		5.0	4.0		16'- 20' Native red till.	◆
21–26						Bottom of borehole at 20.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
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Madison, WI 53717
Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-108**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**12.5**	Hole Diameter:	**2.25**
Date Started:	**12/12/16**	Date Completed:	**12/12/16**
Coordinate System:	**NYSPC System**		
North:	**1201601.517**	East:	**965045.078**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**473.49**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–4	GP-1		4.0	2.0		0'- 4' (SW) Coarse and medium grained sand with subrounded fine gravel.	◆
5–8	GP-2		4.0	3.0		4'- 12.5' (SP) Wet red coarse sand.	◆
9–12	GP-3		4.0	2.5			
	GP-4		0.5	0.5			
13–26						Refusal at 12.5 feet. Bottom of borehole at 12.5 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
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Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-109**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**18**	Hole Diameter:	**2.25**
Date Started:	**12/13/16**	Date Completed:	**12/13/16**
Coordinate System:	**NYSPC System**		
North:	**1201575.576**	East:	**964998.625**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**475.05**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–5	GP-1		5.0	0.8		0'- 10.5' ASR waste.	
6–10	GP-2		5.0	0.8			
11–15	GP-3		5.0	3.0		10.5'- 18' Red till.	
16–18	GP-4		3.0	2.5			
19–26						Refusal at 18.0 feet. Bottom of borehole at 18.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
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Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-110**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**20**	Hole Diameter:	**2.25**
Date Started:	**12/13/16**	Date Completed:	**12/13/16**
Coordinate System:	**NYSPC System**		
North:	**1201463.92**	East:	**965078.808**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**472.97**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–5	GP-1		5.0	1.3		0'- 5.75' ASR waste.	◆
6–10	GP-2		5.0	3.8		5.75'- 20' Red till.	◆
11–15	GP-3		5.0	3.0		10' As above, wet.	◆
16–20	GP-4		5.0	4.0			◆
21–26						Bottom of borehole at 20.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
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TRC
Results you can rely on

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-111**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**20**	Hole Diameter:	**2.25**
Date Started:	**12/13/16**	Date Completed:	**12/13/16**
Coordinate System:	**NYSPC System**		
North:	**1201462.43**	East:	**965103.23**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**473.17**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–5	GP-1		5.0	1.5		0'- 5.5' ASR waste.	◆
6–10	GP-2		5.0	1.5		5.5'- 20' Red coarse sand, till.	◆
11–15	GP-3		5.0	4.0			◆
16–20	GP-4		5.0	4.0			◆
21–26						Bottom of borehole at 20.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
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TRC
Results you can rely on
708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING NUMBER: **FT-SB-112**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING INFORMATION

Boring Depth:	**16**	Hole Diameter:	**2.25**
Date Started:	**12/13/16**	Date Completed:	**12/13/16**
Coordinate System:	**NYSPC System**		
North:	**1201465.106**	East:	**965140.311**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**473.48**

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price**
Drilling Method:	**Geoprobe**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Nathaniel Peterson**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE			
DEPTH (ft.bgs.)			
REFERENCE			
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	◆ VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8
1–5	GP-1		5.0	2.5		0'- 6' ASR waste.	◆
6–10	GP-2		5.0	4.0		6'- 16' (SP) Red coarse sand, native.	◆
11–15	GP-3		5.0	4.0			◆
16	GP-4		1.0	1.0			
17–26							

Refusal at 16.0 feet.
Bottom of borehole at 16.0 feet.

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/30/18
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APPENDIX D
PERMANENT MONITORING WELL BORING AND CONSTRUCTION LOGS

TRC
Results you can rely on

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING/WELL NUMBER: **FT-MW-101**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING/WELL INFORMATION

Boring Depth:	**25**	Hole Diameter:	**4.5**
Date Started:	**6/14/17**	Date Completed:	**6/14/17**
Coordinate System:	**NYSPC System**		
North:	**1201644.264**	East:	**964765.257**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**489.63**
Well Elevation (Top of Casing)	**489.63 ft.**		

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price/M. Carnie**
Drilling Method:	**Hollow Stem Auger**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Stephanie Amodeo**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**6/14/2017**		**6/15/2017**
DEPTH (ft.bgs.)	**19**		**11.85**
REFERENCE			**2.47 ft above grade**
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	◆VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8	MATERIAL DESCRIPTION	WELL DIAGRAM Stick-up height 2.47 ft
1–13							0'- 13' No split spoon.	Cement; Bentonite Seal
14–15	SS-1		2.0	1.0			13'- 15' (ML) Fill: sandy silt with pebbles and organic matter, brown, moist.	Filter Sand
16–17	SS-2		2.0	0.4			15'- 19' (SP) Sand, trace silt and pebbles, fine grain sand, brown to red brown, moist.	
18–19	SS-3		2.0	0.5			17' As above, some pebbles, brown, wet.	
20–21	SS-4		2.0	0.3			19'- 21' (ML) Sandy silt with organic matter and pebbles, brown, wet.	Well Screen
22–23	SS-5		2.0	0.4			21'- 25' Sand with pebbles and gravel, brown, very wet.	
24–25	SS-6		2.0	1.3			23' As above, some organic matter, brown to red brown, very moist to wet.	
26–30							Bottom of borehole at 25.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/29/18
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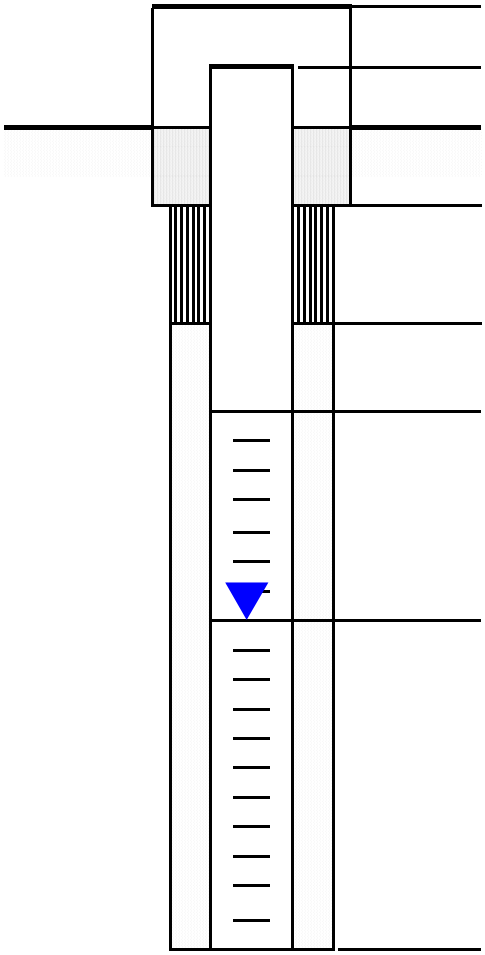
STICK-UP WELL CONSTRUCTION LOG

WELL: FT-MW-101

SHEET 1 OF 1

PROJECT NAME:	Fortino Tire Landfill	WELL NUMBER:	MW-2
ADDRESS:	West Monroe, New York	DRILLING METHOD:	Hollow Stem Auger
INSTALLATION DATE:	6/14/17	DRILLER:	Parratt Wolff
DEVELOPMENT DATE:	6/15/17	GAUGING DATE:	6/15/17
HEIGHT OF STICK-UP:	2.47	DEPTH TO WATER[2]:	14.32'
ELEVATION[1]:	489.63		
DATUM:	NGVD88	DEPTH TO PRODUCT[2]:	N/A
CASING MATERIAL:	PVC	SCREEN MATERIAL:	PVC
FILTER PACK TYPE:	Sand #2	SEAL TYPE:	Grout

Depth from Ground Surface (feet)	Elevation[1]	
2.88	490.04	Top of Metal Casing
2.47	489.63	Top of Casing (TOC)
0.00	487.16	Ground Surface, Top of Concrete
11.00	476.16	Top of Bentonite Slurry/Bottom of Concrete Collar
13.00	474.16	Top of Sand Pack/ Bottom of Bentonite Slurry
15.00	472.16	Top of Well Screen
		Slot Size: .
14.32	475.31	Depth to Water
25.00	462.16	End of Well Screen
25.00	462.16	End of Boring



Not to Scale

Notes:

[1]Feet above datum

[2]Feet below top of casing

NOT TO SCALE

TRC
Results you can rely on

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING/WELL NUMBER: **FT-MW-102**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING/WELL INFORMATION

Boring Depth:	**25**	Hole Diameter:	**4.5**
Date Started:	**6/14/17**	Date Completed:	**6/14/17**
Coordinate System:	**NYSPC System**		
North:	**1201568.314**	East:	**964741.318**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**498.19**
Well Elevation (Top of Casing)	**498.19 ft.**		

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price/M. Carnie**
Drilling Method:	**Hollow Stem Auger**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Stephanie Amodeo**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**6/14/2017**		**6/15/2017**
DEPTH (ft.bgs.)	**18**		**13.07**
REFERENCE			**2.12 ft above grade**
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	◆VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8	MATERIAL DESCRIPTION	WELL DIAGRAM
1–13							0'- 13' No split spoon.	Stick-up height 2.12 ft; Cement; Bentonite Seal
14–15	SS-1	X	2.0	0.2		◆	13'- 25' (SP-SM) Sand with silt, some pebbles, organic matter, dark brown, wet.	Filter Sand
16–17	SS-2	X	2.0	0.3		◆		
18–19	SS-3	X	2.0	0.8		◆		
20–21	SS-4	X	2.0	0.2		◆	19' As above, with gravel and organic matter.	Well Screen
22–23	SS-5	X	2.0	0.8		◆	21' As above, medium sand. Most of the split spoon is filled with water.	
24–25	SS-6	X	2.0	0.6		◆	23' As above, trace silt, dark brown to red brown.	
26–30							Bottom of borehole at 25.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/29/18
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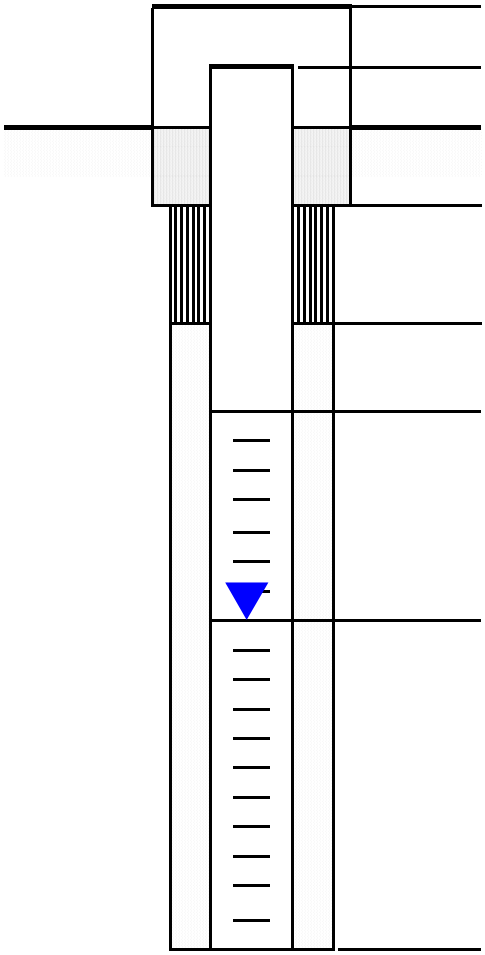
STICK-UP WELL CONSTRUCTION LOG

WELL: FT-MW-102

SHEET 1 OF 1

PROJECT NAME:	Fortino Tire Landfill	WELL NUMBER:	FT-MW-102
ADDRESS:	West Monroe, New York	DRILLING METHOD:	Hollow Stem Auger
INSTALLATION DATE:	6/14/17	DRILLER:	Parratt Wolff
DEVELOPMENT DATE:	6/15/17	GAUGING DATE:	6/15/17
HEIGHT OF STICK-UP:	2.12	DEPTH TO WATER[2]:	15.19'
ELEVATION[1]:	498.19		
DATUM:	NGVD88	DEPTH TO PRODUCT[2]:	N/A
CASING MATERIAL:	PVC	SCREEN MATERIAL:	PVC
FILTER PACK TYPE:	Sand #2	SEAL TYPE:	Grout

Depth from Ground Surface (feet)	Elevation[1]	
2.88	498.95	Top of Metal Casing
2.12	498.19	Top of Casing (TOC)
0.00	496.07	Ground Surface, Top of Concrete
11.00	485.07	Top of Bentonite Slurry/Bottom of Concrete Collar
13.00	483.07	Top of Sand Pack/ Bottom of Bentonite Slurry
15.00	481.07	Top of Well Screen
		Slot Size: .
15.19	483.00	Depth to Water
25.00	471.07	End of Well Screen
25.00	471.07	End of Boring



Not to Scale

Notes:

[1]Feet above datum

[2]Feet below top of casing

NOT TO SCALE

TRC
Results you can rely on

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING/WELL NUMBER: **FT-MW-103**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING/WELL INFORMATION

Boring Depth:	**25**	Hole Diameter:	**4.5**
Date Started:	**6/12/17**	Date Completed:	**6/12/17**
Coordinate System:	**NYSPC System**		
North:	**1201529.611**	East:	**964864.115**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**497.21**
Well Elevation (Top of Casing)	**497.21 ft.**		

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price/M. Carnie**
Drilling Method:	**Hollow Stem Auger**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Stephanie Amodeo**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**6/12/2017**		**6/15/2017**
DEPTH (ft.bgs.)	**17**		**12.54**
REFERENCE			**2.63 ft above grade**
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	◆VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8	MATERIAL DESCRIPTION	WELL DIAGRAM (Stick-up height 2.63 ft)
1–13							0'- 13' No split spoon.	Cement; Bentonite Seal; Filter Sand
14–15	SS-1		2.0	0.5		◆	13'- 15' (SP) Medium sand, pebbles, and organic matter, brown.	
16–17	SS-2		2.0	0.3		◆	15'- 17' (OL) Organic fill, brown, wet.	
18–19	SS-3		2.0	1.1		◆	17'- 21' (SP) Medium sand, some roots, brown, wet.	Well Screen
20–21	SS-4		2.0	0.3		◆		
22–23	SS-5		2.0	0.6		◆	21'- 23' (SP) Medium sand with pebbles, gravel, plastic particulates, and some roots, brown, wet.	
24–25	SS-6		2.0	1.2		◆	23'- 25' (SP) Sand with pebbles to gravel and pebble-size glass fragments, brown, wet.	
26–30							Bottom of borehole at 25.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/29/18
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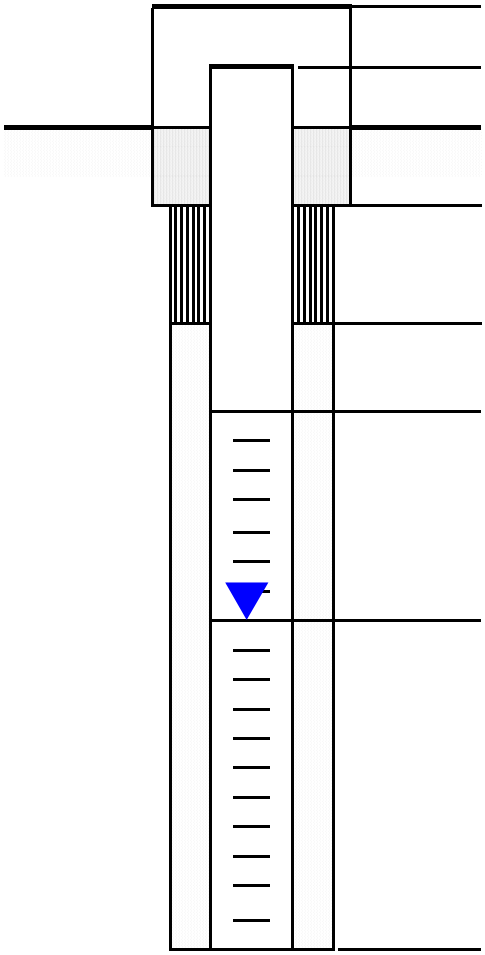
STICK-UP WELL CONSTRUCTION LOG

WELL: FT-MW-103

SHEET 1 OF 1

PROJECT NAME:	Fortino Tire Landfill	WELL NUMBER:	FT-MW-103
ADDRESS:	West Monroe, New York	DRILLING METHOD:	Hollow Stem Auger
INSTALLATION DATE:	6/12/17	DRILLER:	Parratt Wolff
DEVELOPMENT DATE:	6/13/17	GAUGING DATE:	6/13/17
HEIGHT OF STICK-UP:	2.63	DEPTH TO WATER[2]:	15.17'
ELEVATION[1]:	497.21		
DATUM:	NGVD88	DEPTH TO PRODUCT[2]:	N/A
CASING MATERIAL:	PVC	SCREEN MATERIAL:	PVC
FILTER PACK TYPE:	Sand #2	SEAL TYPE:	Grout

Depth from Ground Surface (feet)	Elevation[1]	
3.01	497.59	Top of Metal Casing
2.63	497.21	Top of Casing (TOC)
0.00	494.58	Ground Surface, Top of Concrete
11.00	483.58	Top of Bentonite Slurry/Bottom of Concrete Collar
13.00	481.58	Top of Sand Pack/ Bottom of Bentonite Slurry
15.00	479.58	Top of Well Screen
		Slot Size: .
15.17	482.04	Depth to Water
25.00	469.58	End of Well Screen
25.00	469.58	End of Boring



Not to Scale

Notes:

[1]Feet above datum

[2]Feet below top of casing

NOT TO SCALE

TRC
Results you can rely on
708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING/WELL NUMBER: **FT-MW-104**

PROJECT INFORMATION

Project Name:	**Fortino Tire**
Project Location:	**West Monroe, NY**
Project Number:	**251592.0000.0000**
Client:	**NYSDEC**
TRC Eng./Geol:	**Ryan Jorrey**
Checked By:	**Kevin Sullivan**

BORING/WELL INFORMATION

Boring Depth:	**25**	Hole Diameter:	**4.5**
Date Started:	**6/13/17**	Date Completed:	**6/13/17**
Coordinate System:	**NYSPC System**		
North:	**1201465.788**	East:	**964998.976**
Vertical Datum:	**NAVD 88**	Ground Elevation:	**488.95**
Well Elevation (Top of Casing)	**488.95 ft.**		

DRILLING INFORMATION

Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price/M. Carnie**
Drilling Method:	**Hollow Stem Auger**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Stephanie Amodeo**

GROUND WATER OBSERVATIONS

MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**6/13/2017**		**6/14/2017**
DEPTH (ft.bgs.)	**20**		**10.41**
REFERENCE			**2.67 ft above grade**
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	◆VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8	MATERIAL DESCRIPTION
1–13							0'- 13' No split spoon.
14–15	SS-1	X	2.0	0.9		◆	13'- 15' (ML) Sandy silt with some pebbles, red brown, very moist.
16–17	SS-2	X	2.0	0.3		◆	15'- 17' (SP-SM) Sand with trace silt and some pebbles, brown to red brown, very moist.
18–19	SS-3	X	2.0	0.4		◆	17'- 19' (ML) Sandy silt with some pebbles, brown to red brown, very moist to wet.
20–21	SS-4	X	2.0	1.0		◆	19'- 21' (SP-SM) Sand with trace silt and some pebbles, red brown, wet.
22–23	SS-5	X	2.0	1.5		◆	21'- 25' (SP) Sand with some pebbles, red brown, wet.
24–25	SS-6	X	2.0	1.5		◆	23' As above, with gravel, very wet.
26–30							Bottom of borehole at 25.0 feet.

WELL DIAGRAM
Stick-up height 2.67 ft
- Cement
- Bentonite Seal
- Filter Sand
- Well Screen

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/29/18
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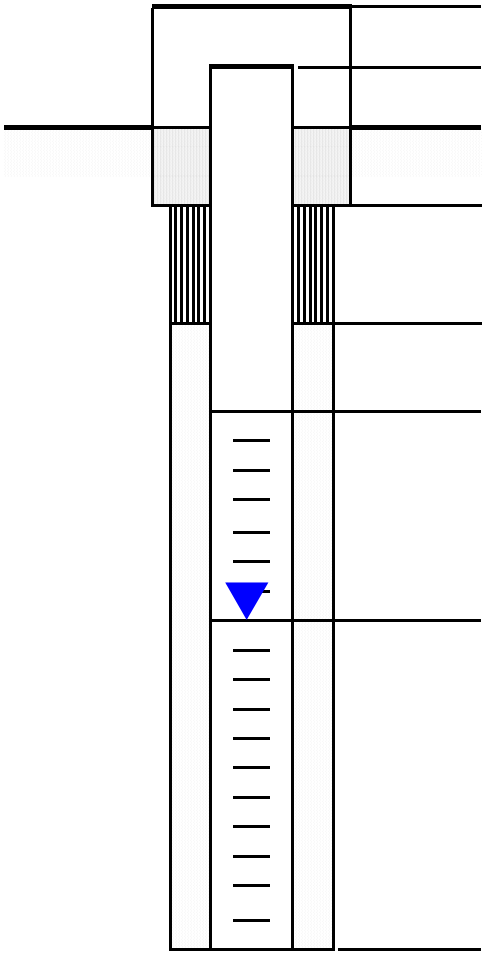
STICK-UP WELL CONSTRUCTION LOG

WELL: FT-MW-104

SHEET 1 OF 1

PROJECT NAME:	Fortino Tire Landfill	WELL NUMBER:	FT-MW-104
ADDRESS:	West Monroe, New York	DRILLING METHOD:	Hollow Stem Auger
INSTALLATION DATE:	6/13/17	DRILLER:	Parratt Wolff
DEVELOPMENT DATE:	6/14/17	GAUGING DATE:	6/14/17
HEIGHT OF STICK-UP:	2.67	DEPTH TO WATER[2]:	13.08'
ELEVATION[1]:	488.95		
DATUM:	NGVD88	DEPTH TO PRODUCT[2]:	N/A
CASING MATERIAL:	PVC	SCREEN MATERIAL:	PVC
FILTER PACK TYPE:	Sand #2	SEAL TYPE:	Grout

Depth from Ground Surface (feet)	Elevation[1]	
2.99	489.27	Top of Metal Casing
2.67	488.95	Top of Casing (TOC)
0.00	486.28	Ground Surface, Top of Concrete
11.00	475.28	Top of Bentonite Slurry/Bottom of Concrete Collar
13.00	473.28	Top of Sand Pack/ Bottom of Bentonite Slurry
15.00	471.28	Top of Well Screen
		Slot Size: .
13.08	475.87	Depth to Water
25.00	461.28	End of Well Screen
25.00	461.28	End of Boring



Not to Scale

Notes:
[1]Feet above datum
[2]Feet below top of casing

NOT TO SCALE

TRC
Results you can rely on

708 Heartland Trail
Madison, WI 53717
Telephone: (608) 826-3600

BORING/WELL NUMBER: **FT-MW-105**

PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name:	**Fortino Tire**	Boring Depth:	**25**	Hole Diameter:	**4.5**
Project Location:	**West Monroe, NY**	Date Started:	**6/13/17**	Date Completed:	**6/13/17**
Project Number:	**251592.0000.0000**	Coordinate System:	**NYSPC System**		
Client:	**NYSDEC**	North:	**1201469.758**	East:	**964747.491**
TRC Eng./Geol:	**Ryan Jorrey**	Vertical Datum:	**NAVD 88**	Ground Elevation:	**492.75**
Checked By:	**Kevin Sullivan**	Well Elevation (Top of Casing)	**492.75 ft.**		

DRILLING INFORMATION	
Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price/M. Carnie**
Drilling Method:	**Hollow Stem Auger**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Stephanie Amodeo**

GROUND WATER OBSERVATIONS			
MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**6/13/2017**		**6/14/2017**
DEPTH (ft.bgs.)	**19**		**12.16**
REFERENCE			**1.8 ft above grade**
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	◆VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8	MATERIAL DESCRIPTION	WELL DIAGRAM
1–13							0'- 13' No split spoon.	Stick-up height 1.80 ft; Cement; Bentonite Seal
14–15	SS-1		2.0	0.3		◆	13'- 15' (ML) Fill: sandy silt with gravel, pebbles, and some organic matter, brown.	Filter Sand
16–17	SS-2		2.0	1.6		◆	15'- 17' (ML) Sandy silt with some pebbles and organic matter, brown, moist.	
18–19	SS-3		2.0	0.5		◆	17'- 19' (SP-SM) Sand with trace silt, some pebbles and gravel, brown, wet.	
20–21	SS-4		2.0	0.3		◆	19'- 21' (SP-SM) Sand with silt and pebbles, brown, wet.	Well Screen
22–23	SS-5		2.0	0.9		◆	21'- 23' (SP-SM) Sand with silt and some pebbles, brown, moist to wet.	
24–25	SS-6		2.0			◆	23'- 25' (ML) Sandy silt with some pebbles, brown red, wet.	
26–30							Bottom of borehole at 25.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/29/18
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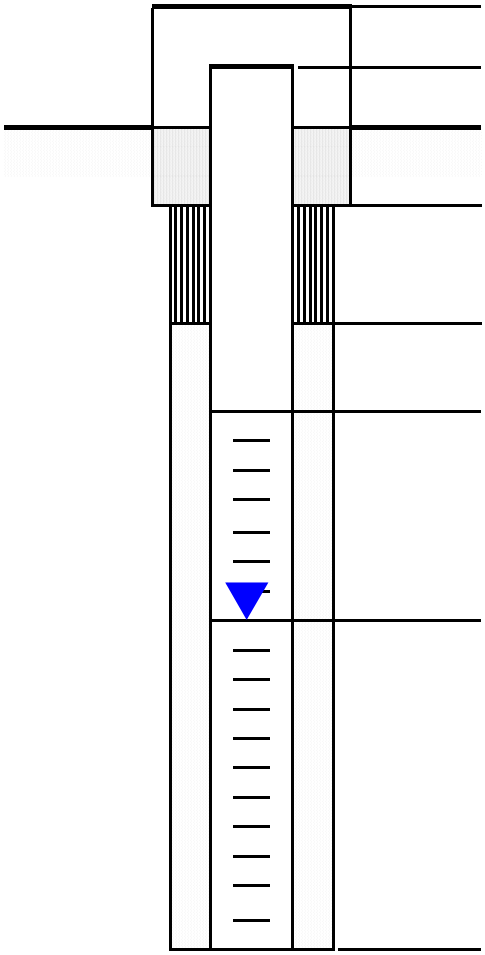
STICK-UP WELL CONSTRUCTION LOG

WELL: FT-MW-105

SHEET 1 OF 1

PROJECT NAME:	Fortino Tire Landfill	WELL NUMBER:	FT-MW-105
ADDRESS:	West Monroe, New York	DRILLING METHOD:	Hollow Stem Auger
INSTALLATION DATE:	6/13/17	DRILLER:	Parratt Wolff
DEVELOPMENT DATE:	6/14/17	GAUGING DATE:	6/14/17
HEIGHT OF STICK-UP:	1.80	DEPTH TO WATER[2]:	13.96'
ELEVATION[1]:	492.75		
DATUM:	NGVD88	DEPTH TO PRODUCT[2]:	N/A
CASING MATERIAL:	PVC	SCREEN MATERIAL:	PVC
FILTER PACK TYPE:	Sand #2	SEAL TYPE:	Grout

Depth from Ground Surface (feet)	Elevation[1]	
2.08	493.03	Top of Metal Casing
1.80	492.75	Top of Casing (TOC)
0.00	490.95	Ground Surface, Top of Concrete
11.00	479.95	Top of Bentonite Slurry/Bottom of Concrete Collar
13.00	477.95	Top of Sand Pack/ Bottom of Bentonite Slurry
15.00	475.95	Top of Well Screen
		Slot Size: .
13.96	478.79	Depth to Water
25.00	465.95	End of Well Screen
25.00	465.95	End of Boring



Not to Scale

Notes:
[1]Feet above datum
[2]Feet below top of casing

NOT TO SCALE

TRC
Results you can rely on

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Madison, WI 53717
Telephone: (608) 826-3600

BORING/WELL NUMBER: **FT-MW-106**

PROJECT INFORMATION		BORING/WELL INFORMATION			
Project Name:	**Fortino Tire**	Boring Depth:	**25**	Hole Diameter:	**4.5**
Project Location:	**West Monroe, NY**	Date Started:	**6/15/17**	Date Completed:	**6/15/17**
Project Number:	**251592.0000.0000**	Coordinate System:	**NYSPC System**		
Client:	**NYSDEC**	North:	**1201307.257**	East:	**964888.056**
TRC Eng./Geol:	**Ryan Jorrey**	Vertical Datum:	**NAVD 88**	Ground Elevation:	**499.47**
Checked By:	**Kevin Sullivan**	Well Elevation (Top of Casing)	**499.47 ft.**		

DRILLING INFORMATION	
Drilling Contractor:	**Parratt-Wolff, Inc.**
Driller(s):	**J. Price/M. Carnie**
Drilling Method:	**Hollow Stem Auger**
Equipment/Model:	**CME55 on Morooka MST1100 Carrier**
Sampler:	**Stephanie Amodeo**

GROUND WATER OBSERVATIONS			
MEASUREMENT	▽ At Time of Drilling	▼ At End of Drilling	▼ After Drilling
DATE	**6/15/2017**		**6/15/2017**
DEPTH (ft.bgs.)	**20**		**18.44**
REFERENCE			**2.48 ft above grade**
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	◆VOC SCREENING RESULTS (ppm) 0.2 0.4 0.6 0.8	MATERIAL DESCRIPTION	WELL DIAGRAM Stick-up height 2.48 ft
1–13							0'- 13' No split spoon.	Cement; Bentonite Seal
14–15	SS-1		2.0	0.7		◆	13'- 17' (SP) Sand, trace silt, some pebbles and gravel, and organic matter, red brown, dry.	Filter Sand
16–17	SS-2		2.0	0.8		◆	15' As above, no organic matter.	
18–19	SS-3		2.0	0.8		◆	17'- 19' (SP-SM) Sand with silt, some pebbles with roots, red brown, moist. ▼	
20–21	SS-4		2.0	1.4		◆	▽	Well Screen
22–23	SS-5		2.0	1.1		◆	21'- 25' (SP) Sand, trace silt, some pebbles to gravel, red brown, wet.	
24–25	SS-6		2.0	1.0		◆	23' As above, no gravel, very wet. Most of the split spoon is wet from water filling it.	
26–30							Bottom of borehole at 25.0 feet.	

SOIL BORING / WELL COMPLETION - TRC-STD US.GDT - 1/29/18
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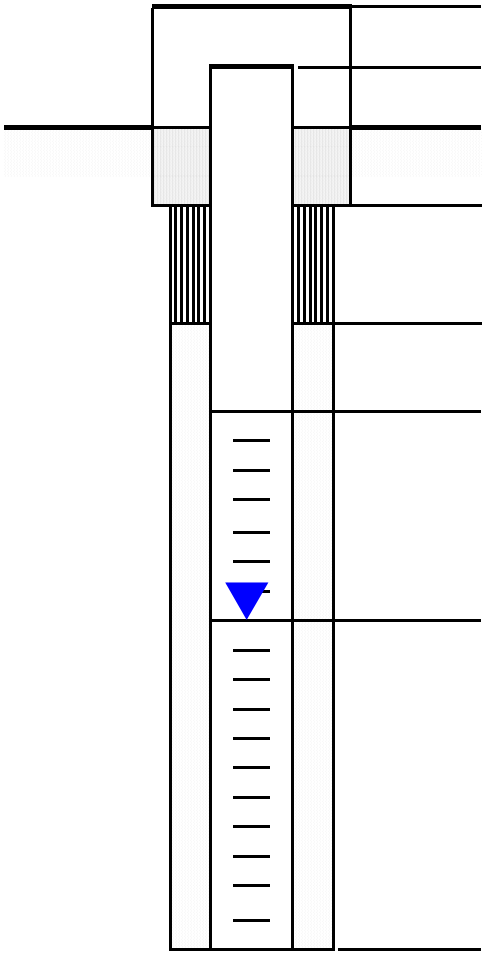
STICK-UP WELL CONSTRUCTION LOG

WELL: FT-MW-106

SHEET 1 OF 1

PROJECT NAME:	Fortino Tire Landfill	WELL NUMBER:	FT-MW-106
ADDRESS:	West Monroe, New York	DRILLING METHOD:	Hollow Stem Auger
INSTALLATION DATE:	6/15/17	DRILLER:	Parratt Wolff
DEVELOPMENT DATE:	6/20/17	GAUGING DATE:	6/15/17
HEIGHT OF STICK-UP:	2.48	DEPTH TO WATER[2]:	20.92'
ELEVATION[1]:	420.74		
DATUM:	NGVD88	DEPTH TO PRODUCT[2]:	N/A
CASING MATERIAL:	PVC	SCREEN MATERIAL:	PVC
FILTER PACK TYPE:	Sand #2	SEAL TYPE:	Grout

Depth from Ground Surface (feet)	Elevation[1]	
2.73	499.72	Top of Metal Casing
2.48	499.47	Top of Casing (TOC)
0.00	496.99	Ground Surface, Top of Concrete
11.00	485.99	Top of Bentonite Slurry/Bottom of Concrete Collar
13.00	483.99	Top of Sand Pack/ Bottom of Bentonite Slurry
15.00	481.99	Top of Well Screen
		Slot Size: .
20.92	478.55	Depth to Water
25.00	471.99	End of Well Screen
25.00	471.99	End of Boring



Not to Scale

Notes:
[1]Feet above datum
[2]Feet below top of casing

NOT TO SCALE

APPENDIX E
MONITORING WELL DEVELOPMENT LOGS

TRC
Results you can rely on

Monitoring Well Development Log

WELL NUMBER	WELL INFORMATION					
MW-101	Well Diameter (inches)	Total Depth[1] (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	
PERMIT NUMBER	2"	25	14.82	—	0.1	

Date: 6/15/17
Personnel: Stephanie Amodeo
Site Name: NYSDEC Fortino Tire Landfill
Site Location: West Monroe, NY
Job Number:

[1] Use a previously determined total depth. Confirm the total depth of well after developing.
TOC = top of casing

PURGING INFORMATION						
Pump Type	Tubing Type	Pump Intake Depth[2] (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (US Gal)
Bilge Pump	LDPE	25 ft	1010	1050	1893 ml/min	20

[2] Below TOC

WATER QUALITY METER CALIBRATION READINGS		
Temp:	pH:	Cond:
D.O.:	ORP:	Turbidity:
Rental Meter Name:		
Rental Meter Serial No.:		

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes

Criteria:		<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%[3]		
Time	Flow Rate (ml/min)	Depth to Water (ft)	Temp (°C)	pH (su)	Cond (mS/cm)	D.O. (mg/L)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments

Weather Conditions:

[3] For values greater than 10.

Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 min are within criteria listed above.

TRC
Results you can rely on

Monitoring Well Development Log

WELL NUMBER	WELL INFORMATION					
MW-102	Well Diameter (inches)	Total Depth[1] (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	
PERMIT NUMBER	2"	25	15.19	—	0.0	

Date: 6/15/17
Personnel: S. Amodeo
Site Name: NYSDEC Fortino Tire Landfill
Site Location: West Monroe, NY
Job Number:

[1] Use a previously determined total depth. Confirm the total depth of well after developing.
TOC = top of casing

PURGING INFORMATION						
Pump Type	Tubing Type	Pump Intake Depth[2] (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (US Gal)
Bilge Pump	LDPE	25	1100	1130	64,000 ml/min	50

[2] Below TOC

WATER QUALITY METER CALIBRATION READINGS		
Temp:	pH:	Cond:
D.O.:	ORP:	Turbidity:
Rental Meter Name:		
Rental Meter Serial No.:		

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes

Time	Criteria: Flow Rate (ml/min)	<0.3 ft Depth to Water (ft)	± 3% Temp (°C)	± 0.1 su pH (su)	± 3% Cond (mS/cm)	± 10% D.O. (mg/L)	± 10 mv ORP (mv)	± 10%[3] Turbidity (NTU)	Initials	Water Conditions/Comments

Weather Conditions:

[3] For values greater than 10.

Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 min are within criteria listed above.

TRC
Results you can rely on

Monitoring Well Development Log

WELL NUMBER	WELL INFORMATION					
MW-103	Well Diameter (inches)	Total Depth[1] (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Date: 6/13/17
PERMIT NUMBER						Personnel: S. Amodeo
						Site Name: NYSDEC Fortino Tire Landfill
						Site Location: West Monroe, NY
	2"	25	15.17	—	0.0	Job Number:

[1] Use a previously determined total depth. Confirm the total depth of well after developing.
TOC = top of casing

PURGING INFORMATION						
Pump Type	Tubing Type	Pump Intake Depth[2] (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (US Gal)
Bilge Pump	LDPE	25ft	1510	1540	6309 ml/min	50

[2] Below TOC

WATER QUALITY METER CALIBRATION READINGS		
Temp:	pH:	Cond:
D.O.:	ORP:	Turbidity:
Rental Meter Name:		
Rental Meter Serial No.:		

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes

Time	Flow Rate (ml/min)	Depth to Water (ft)	Temp (°C)	pH (su)	Cond (mS/cm)	D.O. (mg/L)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
Criteria:		<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%[3]		

Weather Conditions:

[3] For values greater than 10.

Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 min are within criteria listed above.

TRC Results you can rely on

Monitoring Well Development Log

WELL NUMBER	WELL INFORMATION					
MW-104	Well Diameter (inches)	Total Depth[1] (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Date: 6/14/17
PERMIT NUMBER						Personnel: S. Amodeo
	2"	25	13.08	—	0.0	Site Name: NYSDEC Fortino Tire Landfill
						Site Location: West Monroe, NY
						Job Number:

[1] Use a previously determined total depth. Confirm the total depth of well after developing.

TOC = top of casing

PURGING INFORMATION						
Pump Type	Tubing Type	Pump Intake Depth[2] (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (US Gal)
Bilge Pump	LDEP	25	1300	1340	1893 ml/min	20

[2] Below TOC

WATER QUALITY METER CALIBRATION READINGS		
Temp:	pH:	Cond:
D.O.:	ORP:	Turbidity:
Rental Meter Name:		
Rental Meter Serial No.:		

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes

Criteria:		<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%[3]				
Time	Flow Rate (ml/min)	Depth to Water (ft)	Temp (°C)	pH (su)	Cond (mS/cm)	D.O. (mg/L)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments		

Weather Conditions:

[3] For values greater than 10.

Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 min are within criteria listed above.

TRC Results you can rely on

Monitoring Well Development Log

WELL NUMBER	WELL INFORMATION					
MW-105	Well Diameter (inches)	Total Depth[1] (ft)	Depth to Water TOC (ft)	Depth to Product TOC (ft)	PID (ppm)	Date: 6/14/17
PERMIT NUMBER						Personnel: S. Amodeo
						Site Name: NYSDEC Forthno Tire Landfill
						Site Location: West Monroe, NY
	2"	25	13.96	—	0.0	Job Number:

[1] Use a previously determined total depth. Confirm the total depth of well after developing.
TOC = top of casing

PURGING INFORMATION						
Pump Type	Tubing Type	Pump Intake Depth[2] (ft)	Purge Start Time	Purge Stop Time	Flow Rate (ml/min)	Total Purge Vol. (US Gal)
Bilge Pump	LDPE	25	1350	1450	1261 ml/min	20

[2] Below TOC

WATER QUALITY METER CALIBRATION READINGS		
Temp:	pH:	Cond:
D.O.:	ORP:	Turbidity:
Rental Meter Name:		
Rental Meter Serial No.:		

PURGING PARAMETERS (measurements are to be taken approximately every 5 minutes

Time	Flow Rate (ml/min)	Depth to Water (ft)	Temp (°C)	pH (su)	Cond (mS/cm)	D.O. (mg/L)	ORP (mv)	Turbidity (NTU)	Initials	Water Conditions/Comments
Criteria:		<0.3 ft	± 3%	± 0.1 su	± 3%	± 10%	± 10 mv	± 10%[3]		

Weather Conditions:

[3] For values greater than 10.

Note: Indicator parameters have stabilized when 3 consecutive readings taken every 5 min are within criteria listed above.

APPENDIX F
GROUNDWATER SAMPLING LOGS

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC Fastino Tire LF	LOCATION ID: FT-MW-01
PROJECT NUMBER:	START TIME: 1435
SAMPLE ID: FT-MW-01	SAMPLE TIME: 1530
	SITE NAME/NUMBER: Fastino Tire
	DATE: 7/11/17
	END TIME:
	PAGE: OF

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☒ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

INITIAL DTW (BMP)	10.14 FT	FINAL DTW (BMP)	[illegible] FT	PROT. CASING STICKUP (AGS)	FT	TOC/TOR DIFFERENCE	FT
WELL DEPTH (BMP)	15.76 FT	SCREEN LENGTH	FT	PID AMBIENT AIR	~~PPM~~	REFILL TIMER SETTING	SEC
WATER COLUMN	FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	GAL	PID WELL MOUTH	PPM	DISCHARGE TIMER SETTING	SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	GAL	DRAWDOWN/ TOTAL PURGED		PRESSURE TO PUMP	PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1435	BEGIN PURGING									
1445	7.101		17.84	0.050	5.12	1.72	797	113	16 ft	
1450	7.92		16.81	0.042	4.40	0.00	1000	175		
1455	8.34		16.82	0.034	4.04	0.00	223	208		
1500	8.36		16.166	0.034	3.99	0.00	1000	214		
1505	8.71		16.19	0.035	3.97	0.00	224	220		
1510	8.810		16.03	0.034	3.96	0.00	7000	223		
1515	8.96		16.37	0.034	4.03	0.00	181	218		
1530					Sample					

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☐ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ _____
- ☐ WATTERA
- ☐ OTHER _____
- ☐ OTHER _____

DECON FLUIDS USED
- ☐ LIQUINOX
- ☐ DEIONIZED WATER
- ☐ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- ☐ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☐ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER _____
- ☐ OTHER _____

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER _____
- ☐ OTHER _____
- ☐ OTHER _____

EQUIPMENT USED
- ☐ WL METER _____
- ☐ PID _____
- ☐ WQ METER _____
- ☐ TURB. METER _____
- ☐ PUMP _____
- ☐ OTHER _____
- ☐ FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
☐							
☐							
☐							
☐							
☐							
☐							
☐							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: ☐ YES ☐ NO — NUMBER OF GALLONS GENERATED: _____

NO-PURGE METHOD UTILIZED: ☐ YES ☐ NO — If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

well should be redeveloped

Sampler Signature: Print Name:

Checked By: Date:

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC Fortino Tire LF	LOCATION ID: FT-MW-101
PROJECT NUMBER:	DATE: 7/11/17
SAMPLE ID: FT-MW-101	START TIME: 0830
SAMPLE TIME: 0915	END TIME: 1030
SITE NAME/NUMBER: Fortino Tire LF	PAGE: OF

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☒ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

INITIAL DTW (BMP)	14.18 FT	FINAL DTW (BMP)	FT	PROT. CASING STICKUP (AGS)	FT	TOC/TOR DIFFERENCE	FT
WELL DEPTH (BMP)	FT	SCREEN LENGTH	FT	PID AMBIENT AIR	PPM	REFILL TIMER SETTING	SEC
WATER COLUMN	FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	GAL	PID WELL MOUTH	PPM	DISCHARGE TIMER SETTING	SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	GAL	DRAWDOWN/ TOTAL PURGED		PRESSURE TO PUMP	PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
0830	BEGIN PURGING									
0840			12.86	0.717	6.61	4.00	6.4	0.460	25ft	
0845			13.83	0.712	6.63	6.21	6.8	0.456		
0850	16.17		14.02	0.704	6.62	6.88	8.5	0.450		
0855	15.88		14.42	0.696	6.62	7.11	16.9	0.446		
0900	15.92		14.38	0.685	6.62	7.36	18.9	0.442		
0905	15.91		14.55	0.677	6.58	8.76	20.9	0.442		
0910	15.93		14.56	0.676	6.63	8.38	21.4	0.435		
0915				Sample						
			Well	went	Dry					

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP: nearest degree (ex. 10.1 = 10)
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☐ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☐ LIQUINOX
- ☐ DEIONIZED WATER
- ☐ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ☐ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☐ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER
- ☐ OTHER

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ☐ WL METER
- ☐ PID
- ☐ WQ METER
- ☐ TURB. METER
- ☐ PUMP
- ☐ OTHER
- ☐ FILTERS NO. ___ TYPE

ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES ☐ NO ☐

NUMBER OF GALLONS GENERATED: _____

NO-PURGE METHOD UTILIZED: YES ☐ NO ☐

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: Print Name:

Checked By: Date:

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC Fortino Tire LF	LOCATION ID: FT-MW-102
PROJECT NUMBER:	DATE: 7/11/17
SAMPLE ID: FT-MW-102	START TIME: 830
SAMPLE TIME: 0910	END TIME: 1000
SITE NAME/NUMBER:	PAGE: OF

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☐ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

INITIAL DTW (BMP)	15.71 FT	FINAL DTW (BMP)	15.82 FT	PROT. CASING STICKUP (AGS)	FT	TOC/TOR DIFFERENCE	FT
WELL DEPTH (BMP)	25 FT	SCREEN LENGTH	FT	PID AMBIENT AIR	PPM	REFILL TIMER SETTING	SEC
WATER COLUMN	FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	GAL	PID WELL MOUTH	PPM	DISCHARGE TIMER SETTING	SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	GAL	DRAWDOWN/ TOTAL PURGED		PRESSURE TO PUMP	PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
8:30	BEGIN PURGING									
8:40	15.78	250	12.9	.574	6.98	0.0	0.0	-239	23	
8:45	15.79	250	13.2	.574	7.04	0.0	0.0	-239	23	
8:50	15.8	250	14	.565	7.1	0.0	0.0	-240	23	
8:55	15.82	250	14.4	.563	7.1	0.0	0.0	-237		
										Sample @ 0910

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP: nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☐ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ _____
- ☐ WATTERA
- ☐ OTHER _____
- ☐ OTHER _____

DECON FLUIDS USED
- ☐ LIQUINOX
- ☐ DEIONIZED WATER
- ☐ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- ☐ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☐ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER _____
- ☐ OTHER _____

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER _____
- ☐ OTHER _____
- ☐ OTHER _____

EQUIPMENT USED
- ☐ WL METER _____
- ☐ PID _____
- ☐ WQ METER _____
- ☐ TURB. METER _____
- ☐ PUMP _____
- ☐ OTHER _____
- ☐ FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
☐								
☐								
☐								
☐								
☐								
☐								
☐								

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES ☐ NO ☐

NUMBER OF GALLONS GENERATED: _____

NO-PURGE METHOD UTILIZED: YES ☐ NO ☐

If yes, purged approximately 1 standing volume prior to sampling or _____mL for this sample location.

SKETCH/NOTES

Sampler Signature: Print Name:

Checked By: Date:

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC FortinoTire LF	LOCATION ID: FT-MW-103
PROJECT NUMBER:	DATE: 07/11/17
SAMPLE ID: FT-MW-103	START TIME: 1040
SAMPLE TIME: 1115	END TIME:
	SITE NAME/NUMBER: FortinoTire
	PAGE: OF

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☒ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

INITIAL DTW (BMP)	15.43 FT	FINAL DTW (BMP)	FT	PROT. CASING STICKUP (AGS)	FT	TOC/TOR DIFFERENCE	FT
WELL DEPTH (BMP)	FT	SCREEN LENGTH	FT	PID AMBIENT AIR	PPM	REFILL TIMER SETTING	SEC
WATER COLUMN	FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	GAL	PID WELL MOUTH	PPM	DISCHARGE TIMER SETTING	SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	GAL	DRAWDOWN/ TOTAL PURGED		PRESSURE TO PUMP	PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1040	BEGIN PURGING									
1045	15.61		13.13	0.878	7.52	3.17	~~93.3~~	0.562	25ft	
1050	15.65		12.79	0.878	7.39	0.00	146	0.562		
1100	15.70		12.19	0.879	7.24	0.00	58.4	0.563		
1105	15.70		12.07	0.882	7.16	0.00	17.0	0.565		
1108	15.70		11.95	0.881	7.07	0.00	14.0	0.563		
1111	15.70		12.06	0.879	7.02	0.00	12.6	0.562		
1115				Sample						

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP: nearest degree (ex. 10.1 = 10)
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☐ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ _____
- ☐ WATTERA
- ☐ OTHER
- ☐ OTHER

DECON FLUIDS USED
- ☐ LIQUINOX
- ☐ DEIONIZED WATER
- ☐ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER

TUBING/PUMP/BLADDER MATERIALS
- ☐ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☐ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER
- ☐ OTHER

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER
- ☐ OTHER
- ☐ OTHER

EQUIPMENT USED
- ☐ WL METER
- ☐ PID
- ☐ WQ METER
- ☐ TURB. METER
- ☐ PUMP
- ☐ OTHER
- ☐ FILTERS NO. ___ TYPE

ANALYTICAL PARAMETERS

PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
☐							
☐							
☐							
☐							
☐							
☐							
☐							
☐							

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES ☐ NO ☐

NUMBER OF GALLONS GENERATED: _____

NO-PURGE METHOD UTILIZED: YES ☐ NO ☐

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: Print Name:

Checked By: Date:

TRC

LOW FLOW GROUNDWATER SAMPLING RECORD

10 Maxwell Drive, Suite 200, Clifton Park, NY 12065

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC Fortino Tire LF	LOCATION ID: FT-MW-104
PROJECT NUMBER:	DATE: 07/11/17
SAMPLE ID: FT-MW-104	SAMPLE TIME: 1300
START TIME: 1205	END TIME:
SITE NAME/NUMBER: Fortino Tire LF	PAGE: OF

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☒ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

INITIAL DTW (BMP)	13.43 FT	FINAL DTW (BMP)	FT	PROT. CASING STICKUP (AGS)	FT	TOC/TOR DIFFERENCE	FT
WELL DEPTH (BMP)	FT	SCREEN LENGTH	FT	PID AMBIENT AIR	PPM	REFILL TIMER SETTING	SEC
WATER COLUMN	FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	GAL	PID WELL MOUTH	PPM	DISCHARGE TIMER SETTING	SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	GAL	DRAWDOWN/ TOTAL PURGED		PRESSURE TO PUMP	PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
	BEGIN PURGING									
1215	21.63		12.5	1.13	6.46	2.27	63.4	-148	25ft	
1225	23.75		12.90	1.08	6.26	0.00	70.7	-122		
1230	24.85		13.97	1.11	6.41	0.00	323	-132		
1235	25.71		13.98	1.12	6.35	0.37	254	-133		
1238	26.32		14.26	1.13	6.36	1.17	245	-134		
1241	26.71		14.32	1.15	6.38	1.34	217	-137		
1245	27.12		14.63	1.17	6.40	1.17	237	-138		
1300				Sample						

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP: nearest degree (ex. 10.1 = 10)
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☐ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ _____
- ☐ WATTERA
- ☐ OTHER _____
- ☐ OTHER _____

DECON FLUIDS USED
- ☐ LIQUINOX
- ☐ DEIONIZED WATER
- ☐ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- ☐ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☐ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER _____
- ☐ OTHER _____
- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER _____
- ☐ OTHER _____
- ☐ OTHER _____

EQUIPMENT USED
- ☐ WL METER _____
- ☐ PID _____
- ☐ WQ METER _____
- ☐ TURB. METER _____
- ☐ PUMP _____
- ☐ OTHER _____
- ☐ FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
☐								
☐								
☐								
☐								
☐								
☐								
☐								

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES ☒ NO ☐
NUMBER OF GALLONS GENERATED: _____

NO-PURGE METHOD UTILIZED: YES ☐ NO ☐
If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: Print Name:

Checked By: Date:

TRC

LOW FLOW GROUNDWATER SAMPLING RECORD

10 Maxwell Drive, Suite 200, Clifton Park, NY 12065

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC Fortino Tire LF		LOCATION ID: FT-MW-105	DATE: 07/11/17
PROJECT NUMBER:		START TIME: 1035	END TIME: 1140
SAMPLE ID: FT-MW-105	SAMPLE TIME: 1050	SITE NAME/NUMBER: Fortino Tire LF	PAGE: OF

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☒ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY

	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

INITIAL DTW (BMP)	14.48 FT	FINAL DTW (BMP)	FT	PROT. CASING STICKUP (AGS)	FT	TOC/TOR DIFFERENCE	FT
WELL DEPTH (BMP)	FT	SCREEN LENGTH	FT	PID AMBIENT AIR	PPM	REFILL TIMER SETTING	SEC
WATER COLUMN	FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	GAL	PID WELL MOUTH	PPM	DISCHARGE TIMER SETTING	SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	GAL	DRAWDOWN/ TOTAL PURGED		PRESSURE TO PUMP	PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
10:05	BEGIN PURGING									
10:15	17.49	750	13.1	.596	7.13	0.0	0.0	-221	23	
10:20	17.61	700	13.5	.595	7.11	0.0	0.0	-220	23	
10:25	17.78	700	14.5	.591	7.07	0.0	3.0	-219	23	
10:30	17.82	700	14.8	.590	7.06	0.0	2.1	-215	23	
										Sample @ 1050

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP: nearest degree (ex. 10.1 = 10)
COND: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☐ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ _____
- ☐ WATTERA
- ☐ OTHER _____
- ☐ OTHER _____

DECON FLUIDS USED
- ☐ LIQUINOX
- ☐ DEIONIZED WATER
- ☐ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- ☐ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☐ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER _____
- ☐ OTHER _____

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER _____
- ☐ OTHER _____
- ☐ OTHER _____

EQUIPMENT USED
- ☐ WL METER _____
- ☐ PID _____
- ☐ WQ METER _____
- ☐ TURB. METER _____
- ☐ PUMP _____
- ☐ OTHER _____
- ☐ FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
☐								
☐								
☐								
☐								
☐								
☐								
☐								

PURGE OBSERVATIONS

	YES	NO
PURGE WATER CONTAINERIZED	☐	☐
NO-PURGE METHOD UTILIZED	☐	☐

NUMBER OF GALLONS GENERATED _____

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: Print Name:

Checked By: Date:

LOW FLOW GROUNDWATER SAMPLING RECORD

PROJECT NAME: NYSDEC Fortino Tire LF		LOCATION ID: FT-MW-106	DATE: 07/11/17
PROJECT NUMBER:		START TIME: 1215	END TIME:
SAMPLE ID: FT-MW-106	SAMPLE TIME: 1345	SITE NAME/NUMBER: Fortino Tire LF	PAGE: OF

WELL DIAMETER (INCHES): ☐ 1 ☒ 2 ☐ 4 ☐ 6 ☐ 8 ☐ OTHER

TUBING ID (INCHES): ☐ 1/8 ☐ 1/4 ☒ 3/8 ☐ 1/2 ☐ 5/8 ☐ OTHER

MEASUREMENT POINT (MP): ☐ TOP OF RISER (TOR) ☐ TOP OF CASING (TOC) ☐ OTHER

WELL INTEGRITY	YES	NO	N/A
CAP			
CASING			
LOCKED			
COLLAR			

INITIAL DTW (BMP)	21.39 FT	FINAL DTW (BMP)	FT	PROT. CASING STICKUP (AGS)	FT	TOC/TOR DIFFERENCE	FT
WELL DEPTH (BMP)	FT	SCREEN LENGTH	FT	PID AMBIENT AIR	PPM	REFILL TIMER SETTING	SEC
WATER COLUMN	FT	DRAWDOWN VOLUME (final DTW - initial DTW X well diam. squared X 0.041)	GAL	PID WELL MOUTH	PPM	DISCHARGE TIMER SETTING	SEC
CALCULATED GAL/VOL (column X well diameter squared X 0.041)	GAL	TOTAL VOL. PURGED (mL per minute X total minutes X 0.00026 gal/mL)	GAL	DRAWDOWN/ TOTAL PURGED		PRESSURE TO PUMP	PSI

FIELD PARAMETERS WITH PROGRAM STABILIZATION CRITERIA (AS LISTED IN THE QAPP)

TIME 3-5 Minutes	DTW (FT) 0.0-0.33 ft Drawdown	PURGE RATE (mL/min)	TEMP. (°C) (+/- 3 degrees)	SP. CONDUCTANCE (mS/cm) (+/- 3%)	pH (units) (+/- 0.1 units)	DISS. O_2 (mg/L) (+/- 10%)	TURBIDITY (ntu) (+/- 10% <10 ntu)	REDOX (mv) (+/- 10 mv)	PUMP INTAKE DEPTH (ft)	COMMENTS
1215	BEGIN PURGING									
1225	22.21	200	25.3	.531	6.7	0.0	0.0	81	23	
1230	22.47	200	24.58	.535	6.6	0.0	0.0	79		
1235	22.64	200	24.23	.537	6.58	0.0	740	78		
1240	22.89	200	23.2	.546	6.41	0.0	>1000	82		
1245	23.16	200	22.75	.561	6.5	0.0	937	79		
1250	23.40	200	22.19	.581	6.47	0.0	897	83		
1300	24.45	200	24.9	.566	6.5	0.0	849	78		
1305	24.86	200	25.22	.567	6.54	0.0	815	66		
1315	25.32	200	25.81	.556	6.43	0.0	733	53		

FINAL STABILIZED FIELD PARAMETERS (to appropriate significant figures[SF])

TEMP. nearest degree (ex. 10.1 = 10)
COND.: 3 SF max (ex. 3333 = 3330, 0.696 = 0.696)
pH: nearest tenth (ex. 5.53 = 5.5)
DO: nearest tenth (ex. 3.51 = 3.5)
TURB: 3 SF max, nearest tenth (6.19 = 6.2, 101 = 101)
ORP: 2 SF (44.1 = 44, 191 = 190)

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- ☐ PERISTALTIC
- ☐ SUBMERSIBLE
- ☐ BLADDER
- ☐ _____
- ☐ WATTERA
- ☐ OTHER _____
- ☐ OTHER _____

DECON FLUIDS USED
- ☐ LIQUINOX
- ☐ DEIONIZED WATER
- ☐ POTABLE WATER
- ☐ NITRIC ACID
- ☐ HEXANE
- ☐ METHANOL
- ☐ OTHER _____

TUBING/PUMP/BLADDER MATERIALS
- ☐ SILICON TUBING
- ☐ TEFLON TUBING
- ☐ TEFLON LINED TUBING
- ☐ HDPE TUBING
- ☐ LDPE TUBING
- ☐ OTHER _____
- ☐ OTHER _____

- ☐ S. STEEL PUMP MATERIAL
- ☐ PVC PUMP MATERIAL
- ☐ GEOPROBE SCREEN
- ☐ TEFLON BLADDER
- ☐ OTHER _____
- ☐ OTHER _____
- ☐ OTHER _____

EQUIPMENT USED
- ☐ WL METER _____
- ☐ PID _____
- ☐ WQ METER _____
- ☐ TURB. METER _____
- ☐ PUMP _____
- ☐ OTHER _____
- ☐ FILTERS NO. ___ TYPE _____

ANALYTICAL PARAMETERS

	PARAMETER	METHOD NUMBER	FIELD FILTERED	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	QC COLLECTED	SAMPLE BOTTLE ID NUMBERS
☐								
☐								
☐								
☐								
☐								
☐								
☐								

PURGE OBSERVATIONS

	YES	NO
PURGE WATER CONTAINERIZED	☐	☐
NO-PURGE METHOD UTILIZED	☐	☐

NUMBER OF GALLONS GENERATED _____

If yes, purged approximately 1 standing volume prior to sampling or _____ mL for this sample location.

SKETCH/NOTES

Sampler Signature: Print Name:

Checked By: Date:

APPENDIX G
LABORATORY ANALYTICAL DATA REPORTS

February 16, 2017 Service Request No:R1613026

Mr. Marc Flanagan
TRC Environmental Corporation
10 Maxwell Drive
Suite 200
Clifton Park, NY 12065

Laboratory Results for: Fortino Tire

Dear Mr.Flanagan,

Enclosed are the results of the sample(s) submitted to our laboratory December 13, 2016
For your reference, these analyses have been assigned our service request number **R1613026.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental



Janice Jaeger
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

1565 Jefferson Rd, Building 300, Rochester, NY 14623 | 585-288-5380 | www.alsglobal.com

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request:R1613026
Date Received:12/13/16 - 12/14/16

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier IV, validation deliverables including all summary forms and associated raw data. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Any parameters that are not included in the lab's NELAC accreditation are identified on a "Non-Certified Analytes" report in the Miscellaneous Forms Section of this report. Individual analytical results requiring further explanation are flagged with qualifiers and/or discussed below. The flags are explained in the Report Qualifiers and Definitions page in the Miscellaneous Forms section of this report.

Sample Receipt

Nineteen soil samples were received for analysis at ALS Environmental on 12/13-14/2016. Any discrepancies noted upon initial sample inspection are noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at ≤6°C upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Volatile Organic Analyses:

Method 8260c, 12/15/16: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260c, 12/15/16, R1613026-001,009,013,015,017: The recovery of one or more internal standards was outside control limits because of suspected matrix interference. The sample was re-extracted and reanalyzed, but produced similar results. No further corrective action was appropriate.

Method 8260c, R1613026-001,009,013,017: The control limits were exceeded for one or more surrogates due to matrix interferences. A re-extraction and reanalysis was performed, but produced similar results. No further corrective action was required.

Method 8260c, 12/19/16: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260c, 12/19/16, R1613026-013,017: The recovery of one or more internal standards was outside control limits because of suspected matrix interference. The sample was re-extracted and reanalyzed, but produced similar results. No further corrective action was appropriate.

Semi-Volatile Organic Analyses:

Method 8082, R1613026-008,009,013,014,015,017: The control limits for one or more surrogates in the sample are not applicable. The analysis of the sample required a dilution, which resulted in a surrogate concentration below the Method Reporting Limit (MRL). No further corrective action was appropriate.

Approved by _____ Date 2/16/2017

Method 8270D, 12/19/16: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8270D, 12/19/16: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8270D, R1613026-001, -008, -014: The control limits for one or more surrogates in the sample are not applicable. The analysis of the sample required a dilution, which resulted in a surrogate concentration below the Method Reporting Limit (MRL). No further corrective action was appropriate.

2,4-Dinitrophenol has been reported as zero percent recovery in the MS due to a limitation in LIMs. 2,4-Dinitrophenol was detected at 11% recovery, respectively, within laboratory limits. The MS is acceptable and should not be flagged on the summary form.

4,6-dinitro-2-methylphenol has been reported as zero percent recovery in the MS due to a limitation in LIMs. 24,6-dinitro-2-methylphenol was detected at 14% recovery, respectively, within laboratory limits. The MS is acceptable and should not be flagged on the summary form.

Method 8270D, 12/19/16: The upper control criterion was exceeded for Bis(2-ethylhexyl)phthlate in the Matrix Spike Sample (MS). There was a large hit in the parent sample for this analyte. Hexacyclopentadiene did not recover in either the Matrix Spike Sample or the Matrix Spike Duplicate (MS/MSD). The LCS/LCSD were within limits for all recoveries. No further corrective action was appropriate.

Metals Analyses:

Method Se 6010C, 12/29/16: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method Tl & Se 6010C, R1613026-001, 008, 009, 013, 015, 017: The Method Reporting Limit (MRL) was elevated due to martix of sample.

General Chemistry Analyses:

No significant anomalies were noted with this analysis.

Approved by _____ Date 2/16/2017

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:**R1613026
Project: Fortino Tire/251592

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1613026-001	FT-SB-101-12	12/12/2016	1225
R1613026-002	FT-SB-101-15	12/12/2016	1240
R1613026-003	FT-SB-101-18	12/12/2016	1255
R1613026-004	FT-SB-108-2	12/12/2016	1505
R1613026-005	FT-SB-108-5	12/12/2016	1520
R1613026-006	FT-SB-108-10	12/12/2016	1540
R1613026-007	FT-SB-112-12	12/13/2016	1020
R1613026-008	FT-SB-112-4	12/13/2016	0955
R1613026-009	FT-SB-112-2	12/13/2016	0940
R1613026-010	FT-SB-109-19	12/13/2016	1305
R1613026-011	FT-SB-112-7	12/13/2016	1005
R1613026-012	FT-SB-111-14	12/13/2016	1110
R1613026-013	FT-SB-111-4	12/13/2016	1035
R1613026-014	FT-SB-111-9	12/13/2016	1055
R1613026-015	FT-SB-109-2	12/13/2016	1335
R1613026-016	FT-SB-109-18	12/13/2016	1320
R1613026-017	FT-SB-110-2	12/13/2016	1410
R1613026-018	FT-SB-110-7	12/13/2016	1440
R1613026-019	FT-SB-110-11	12/13/2016	1020

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

42273

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax)

Project Name: Fortino Tire	Project Number: 251592
Project Manager: Marc Flanagan	Report CC:
Company/Address: 10 Maxwell Dr, Clifton Park, NY	
Phone #: 518 925 9690	Email: npeterson@trcsolutions.com
Sampler's Signature: Nathaniel Peterson	Sampler's Printed Name: Nathaniel Peterson

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
FT-SB-112-12		12/13	10:20	S	6	X	X		X	X	X		
FT-SB-112-4		12/13	9:55	S	6	X	X		X	X	X		
FT-SB-112-2		12/13	9:40	S	6	X	X		X	X	X		
FT-SB-109-18		12/13	13:05	S	6	X	X		X	X	X		
FT-SB-112-7		12/13	10:05	S	6	X	X		X	X	X		
FT-SB-111-14		12/13	11:10	S	6	X	X		X	X	X		
FT-SB-111-4		12/13	10:35	S	6	X	X		X	X	X		
FT-SB-111-9		12/13	10:55	S	6	X	X		X	X	X		
FT-SB-107-2		12/13	13:35	S	6	X	X		X	X	X		
FT-SB-109-18		12/13	13:20	S	6	X	X		X	X	X		
		~~12/13~~			6								

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals
Hg, Cyanide
cat. B.

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day

REQUESTED REPORT DATE: _____

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data

Edata ____Yes ____No

INVOICE INFORMATION
PO #
BILL TO:

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Nathaniel Peterson	Signature:	Signature:	Signature:	Signature:	
Printed Name: Nathaniel Peterson	Printed Name: Chris Wright	Printed Name: Chris Wright	Printed Name: Gregory O. Esmerian	Printed Name:	
Firm: TRC	Firm: ALS	Firm: ALS	Firm: ALS	Firm:	
Date/Time: 12/14/16 840	Date/Time: 12/14/16 0840	Date/Time: 12/14/16 1010	Date/Time: 12-14-16 10:10	Date/Time:	

R1613026 5
TRC Environmental Corporation
Fortino Tire

Distribution: White - Lab Copy; Yellow - Return to Originator

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

42274

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 2 OF 2

Project Name: Fortino Tire	Project Number: 251592
Project Manager: Marc Flanagan	Report CC:
Company/Address: 10 Maxwell Dr., Clifton Park, NY	
Phone #: 5189229690	Email: npeterson@trcsolutions
Sampler's Signature:	Sampler's Printed Name: Nathaniel Peterson

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING Time (DATE)	SAMPLING Date (TIME)	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	
FT-SB-110-2		14:10	12/13	S	6	X	X		X	X	X		
FT-SB-110-7		14:40	12/13	S	6	X	X		X	X	X		
FT-SB-110-11		1445	12/13	S	6	X	X		X	X	X		
FT-SB-110-11-MS		1445	12/13	S	6	X	X		X	X	X		
FT-SB-110-11-MSD		1445	12/13	S	6	X	X		X	X	X		

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS
Metals: Hg, Cyanide
Cat B

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day

REQUESTED REPORT DATE

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data

Edata _____Yes _____No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	
Printed Name: Nathaniel Peterson	Printed Name: Chris Wright	Printed Name: Chris Wright	Printed Name: Gregory G. Esmerian	Printed Name	
Firm: TRC	Firm: ALS	Firm: ALS	Firm: ALS	Firm	
Date/Time: 12/14/ 8:40	Date/Time: 12/14/16 0840	Date/Time: 12/14/16 1010	Date/Time: 12/14/16 10:10	Date/Time	

R1613026 5
TRC Environmental Corporation
Fortino Tire

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R1613026 5
TRC Environmental Corporation
Fortino Tire

Cooler Receipt and Preservation Check Form

Project/Client TRC Folder Number .

Cooler received on 12-14-16 by: HE

COURIER: ALS UPS FEDEX VELOCITY (CLIENT)

1	Were Custody seals on outside of cooler?	Y	(N)
2	Custody papers properly completed (ink, signed)?	(Y)	N
3	Did all bottles arrive in good condition (unbroken)?	(Y)	N
4	Circle: (Wet Ice) Dry Ice Gel packs present?	(Y)	N

5a	Perchlorate samples have required headspace?	Y N	(NA)
5b	Did VOA vials, Alk,or Sulfide have sig* bubbles?	Y N	(NA)
6	Where did the bottles originate?	(ALS/ROC)	CLIENT
7	Soil VOA received as: Bulk Encore (5035set)		NA

8. Temperature Readings Date: 12-17-16 Time: 10:15 ID: IR#7 (IR#8) From: (Temp Blank) Sample Bottle

Observed Temp (°C)	-0.1	-0.2					
Correction Factor (°C)	+0.9	+0.9					
Corrected Temp (°C)	0.8	+0.7					
Within 0-6°C?	(Y) N	(Y) N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: Ice melted Poorly Packed Same Day Rule

&Client Approval to Run Samples: Standing Approval Client aware at drop-off Client notified by:

All samples held in storage location: R-002/F-09 by HE on 12/14/16 at 10:25
5035 samples placed in storage location: by on at

Cooler Breakdown: Date: 12/14 Time: 1540 by: T.S

1. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
2. Did all bottle labels and tags agree with custody papers? (YES) NO
3. Were correct containers used for the tests indicated? (YES) NO
4. Were 5035 vials acceptable (no extra labels, not leaking)? (YES) NO (N/A)
5. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated (N/A)

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3								
≤2	H_2SO_4								
<4	$NaHSO_4$								
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
	$Na_2S_2O_3$	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Yes=All samples OK

No=Samples were preserved at The lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 10316-1BUA 092616.1BNS

Other Comments:

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

PC Secondary Review: 12/15/16

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

42271

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 1

Project Name: Fortino Tire	Project Number: 251592
Project Manager: Marc Flanagan	Report CC:
Company/Address: 10 Maxwell Drive	
Phone #: 518 935 9640	Email: npeterson@trcsolutions
Sampler's Signature: Nathaniel Peterson	Sampler's Printed Name: Nathaniel Peterson

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE

NUMBER OF CONTAINERS

- GC/MS VOAs ○ 8260 ○ 624 ○ CLP
- GC/MS SVOAs ○ 8270 ○ 625
- GC VOAs ○ 8021 ○ 601/602
- PESTICIDES ○ 8081 ○ 608
- PCBs ○ 8082 ○ 608
- METALS, TOTAL (List in comments below)
- METALS, DISSOLVED (List in comments below)

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs	GC/MS SVOAs	GC VOAs	PESTICIDES	PCBs	METALS, TOTAL	METALS, DISSOLVED	REMARKS/ ALTERNATE DESCRIPTION
FT-SB-101-12		12/12	1225	S	6	X	X	X	X	X	X		
FT-SB-101-15		12/12	1240	S	6	X	X	X	X	X	X		
FT-SB-101-18		12/12	1255	S	6	X	X	X	X	X	X		
FT-SB-108-2		12/12	1505	S	6	X	X	X	X	X	X		
FT-SB-108-5		12/12	1520	S	6	X	X	X	X	X	X		
FT-SB-108-10		12/12	1540	S	6	X	X	X	X	X	X		

SPECIAL INSTRUCTIONS/COMMENTS
Metals Hg, Cyanide
Cat. B

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
Edata ____ Yes ____ No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Nathaniel Peterson	Signature:	Signature:	Signature:	Signature:	
Printed Name: Nathaniel Peterson	Printed Name: Chris Wright	Printed Name: Chris Wright	Printed Name: Tricia Sandberg	Printed Name:	
Firm: TRC	Firm: ALS	Firm: ALS	Firm: ALS	Firm:	
Date/Time: 12/13/16 8:25	Date/Time: 12/13/16 0825	Date/Time: 12/13/16 1105	Date/Time: 12/13 1109	Date/Time:	

R1613026 5
TRC Environmental Corporation
Fortino Tire

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Cooler Receipt and Preservation Check Form

R1613026 5
TRC Environmental Corporation
Fortino Tire

Project/Client TRC Folder Number R1613026

Cooler received on 12/13 by: T.S COURIER: (ALS) UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y (N)	5a	Perchlorate samples have required headspace?	Y N (NA)
2	Custody papers properly completed (ink, signed)?	(Y) N	5b	Did VOA vials, Alk,or Sulfide have sig* bubbles?	Y (N) NA
3	Did all bottles arrive in good condition (unbroken)?	(Y) N	6	Where did the bottles originate?	(ALS/ROC) CLIENT
4	Circle: (Wet Ice) Dry Ice Gel packs present?	(Y) N	7	Soil VOA received as: Bulk Encore (5035set) NA	

8. Temperature Readings Date: 12/13 Time: 1110 ID: IR#7 (IR#8) From: (Temp Blank) Sample Bottle

Observed Temp (°C)	3.5						
Correction Factor (°C)	+.9						
Corrected Temp (°C)	4.4						
Within 0-6°C?	(Y) N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: RC02F1 by T.S on 12/13 at 1110
5035 samples placed in storage location: _____ by _____ on _____ at _____

Cooler Breakdown: Date: 12/13/16 Time: 1315 by: JW

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	~~YES~~	NO
2.	Did all bottle labels and tags agree with custody papers?	~~YES~~	NO
3.	Were correct containers used for the tests indicated?	~~YES~~	NO
4.	Were 5035 vials acceptable (no extra labels, not leaking)?	YES	~~NO~~
5.	Air Samples: Cassettes / Tubes Intact	Canisters Pressurized	Tedlar® Bags Inflated

12/13/16 ~~N/A~~ N/A

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3								
≤2	H_2SO_4								
<4	$NaHSO_4$								
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
	$Na_2S_2O_3$	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Yes=All samples OK

No=Samples were preserved at The lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 092616-1BNS, 103116-1BNN
Other Comments:

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

PC Secondary Review: JW 12/13/16 *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an ñimmediateò hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Delaware Accredited	Nebraska Accredited	
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047	North Carolina #676	Virginia #460167

[1] Analyses were performed according to our laboratoryôs NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
ALS SOP	Soil	Total Solids

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592

Sample Name: FT-SB-101-12 **Date Collected:** 12/12/16
Lab Code: R1613026-001 **Date Received:** 12/13/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: FT-SB-101-15 **Date Collected:** 12/12/16
Lab Code: R1613026-002 **Date Received:** 12/13/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: FT-SB-101-18 **Date Collected:** 12/12/16
Lab Code: R1613026-003 **Date Received:** 12/13/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592		

Sample Name:	FT-SB-101-18	**Date Collected:**	12/12/16
Lab Code:	R1613026-003	**Date Received:**	12/13/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
ALS SOP		KWONG

Sample Name:	FT-SB-108-2	**Date Collected:**	12/12/16
Lab Code:	R1613026-004	**Date Received:**	12/13/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name:	FT-SB-108-5	**Date Collected:**	12/12/16
Lab Code:	R1613026-005	**Date Received:**	12/13/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592

Sample Name: FT-SB-108-10 **Date Collected:** 12/12/16
Lab Code: R1613026-006 **Date Received:** 12/13/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: FT-SB-112-12 **Date Collected:** 12/13/16
Lab Code: R1613026-007 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: FT-SB-112-4 **Date Collected:** 12/13/16
Lab Code: R1613026-008 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592		

Sample Name:	FT-SB-112-4	**Date Collected:**	12/13/16
Lab Code:	R1613026-008	**Date Received:**	12/14/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name:	FT-SB-112-2	**Date Collected:**	12/13/16
Lab Code:	R1613026-009	**Date Received:**	12/14/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name:	FT-SB-109-19	**Date Collected:**	12/13/16
Lab Code:	R1613026-010	**Date Received:**	12/14/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592

Sample Name: FT-SB-112-7 **Date Collected:** 12/13/16
Lab Code: R1613026-011 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: FT-SB-111-14 **Date Collected:** 12/13/16
Lab Code: R1613026-012 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: FT-SB-111-4 **Date Collected:** 12/13/16
Lab Code: R1613026-013 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592

Sample Name: FT-SB-111-4 **Date Collected:** 12/13/16
Lab Code: R1613026-013 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: FT-SB-111-9 **Date Collected:** 12/13/16
Lab Code: R1613026-014 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: FT-SB-109-2 **Date Collected:** 12/13/16
Lab Code: R1613026-015 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592

Sample Name: FT-SB-109-18 **Date Collected:** 12/13/16
Lab Code: R1613026-016 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: FT-SB-110-2 **Date Collected:** 12/13/16
Lab Code: R1613026-017 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: FT-SB-110-7 **Date Collected:** 12/13/16
Lab Code: R1613026-018 **Date Received:** 12/14/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO

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Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592		

Sample Name:	FT-SB-110-7	**Date Collected:**	12/13/16
Lab Code:	R1613026-018	**Date Received:**	12/14/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name:	FT-SB-110-11	**Date Collected:**	12/13/16
Lab Code:	R1613026-019	**Date Received:**	12/14/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MPEDRO	MPEDRO
8082A	MPEDRO	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

Sample Results

ALS Environmental—Rochester Laboratory
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Volatile Organic Compounds by GC/MS

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:25
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-12	**Units:**	ug/Kg
Lab Code:	R1613026-001	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	710 U	710	110	101.5	12/16/16 15:56	
1,1,2,2-Tetrachloroethane	710 U	710	120	101.5	12/16/16 15:56	
1,1,2-Trichloroethane	710 U	710	110	101.5	12/16/16 15:56	
1,1,2-Trichloro-1,2,2-trifluoroethane	710 U	710	180	101.5	12/16/16 15:56	
1,1-Dichloroethane (1,1-DCA)	710 U	710	180	101.5	12/16/16 15:56	
1,1-Dichloroethene (1,1-DCE)	710 U	710	190	101.5	12/16/16 15:56	
1,2,3-Trichlorobenzene	710 U	710	89	101.5	12/16/16 15:56	
1,2,4-Trichlorobenzene	710 U	710	84	101.5	12/16/16 15:56	
1,2-Dibromo-3-chloropropane (DBCP)	710 U	710	270	101.5	12/16/16 15:56	
1,2-Dibromoethane	710 U	710	180	101.5	12/16/16 15:56	
1,2-Dichlorobenzene	710 U	710	87	101.5	12/16/16 15:56	
1,2-Dichloroethane	710 U	710	87	101.5	12/16/16 15:56	
1,2-Dichloropropane	710 U	710	140	101.5	12/16/16 15:56	
1,3-Dichlorobenzene	710 U	710	90	101.5	12/16/16 15:56	
1,4-Dichlorobenzene	**120 J**	710	80	101.5	12/16/16 15:56	
1,4-Dioxane	14000 U	14000	2800	101.5	12/16/16 15:56	
2-Butanone (MEK)	710 U	710	330	101.5	12/16/16 15:56	
2-Hexanone	710 U	710	180	101.5	12/16/16 15:56	
4-Methyl-2-pentanone	710 U	710	140	101.5	12/16/16 15:56	
Acetone	710 U	710	400	101.5	12/16/16 15:56	
Benzene	**77 J**	710	42	101.5	12/16/16 15:56	
Bromochloromethane	710 U	710	200	101.5	12/16/16 15:56	
Bromodichloromethane	710 U	710	87	101.5	12/16/16 15:56	
Bromoform	710 U	710	140	101.5	12/16/16 15:56	
Bromomethane	710 U	710	200	101.5	12/16/16 15:56	
Carbon Disulfide	710 U	710	180	101.5	12/16/16 15:56	
Carbon Tetrachloride	710 U	710	140	101.5	12/16/16 15:56	
Chlorobenzene	710 U	710	42	101.5	12/16/16 15:56	
Chloroethane	710 U	710	410	101.5	12/16/16 15:56	
Chloroform	710 U	710	180	101.5	12/16/16 15:56	
Chloromethane	710 U	710	57	101.5	12/16/16 15:56	
Cyclohexane	710 U	710	200	101.5	12/16/16 15:56	
Dibromochloromethane	710 U	710	110	101.5	12/16/16 15:56	
Dichlorodifluoromethane (CFC 12)	710 U	710	270	101.5	12/16/16 15:56	
Dichloromethane	710 U	710	82	101.5	12/16/16 15:56	
Ethylbenzene	**170 J**	710	33	101.5	12/16/16 15:56	
Isopropylbenzene (Cumene)	**410 J**	710	96	101.5	12/16/16 15:56	
Methyl Acetate	710 U	710	250	101.5	12/16/16 15:56	
Methyl tert-Butyl Ether	710 U	710	140	101.5	12/16/16 15:56	
Methylcyclohexane	710 U	710	180	101.5	12/16/16 15:56	
Styrene	**60 J**	710	43	101.5	12/16/16 15:56	
Tetrachloroethene (PCE)	710 U	710	130	101.5	12/16/16 15:56	
Toluene	710 U	710	150	101.5	12/16/16 15:56	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:25
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-12	**Units:**	ug/Kg
Lab Code:	R1613026-001	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	710 U	710	150	101.5	12/16/16 15:56	
Trichlorofluoromethane (CFC 11)	710 U	710	94	101.5	12/16/16 15:56	
Vinyl Chloride	710 U	710	270	101.5	12/16/16 15:56	
cis-1,2-Dichloroethene	710 U	710	140	101.5	12/16/16 15:56	
cis-1,3-Dichloropropene	710 U	710	130	101.5	12/16/16 15:56	
m,p-Xylenes	**1400 J**	1400	160	101.5	12/16/16 15:56	
o-Xylene	**550 J**	710	69	101.5	12/16/16 15:56	
trans-1,2-Dichloroethene	710 U	710	130	101.5	12/16/16 15:56	
trans-1,3-Dichloropropene	710 U	710	29	101.5	12/16/16 15:56	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	51 - 136	12/16/16 15:56	
Dibromofluoromethane	87	63 - 138	12/16/16 15:56	
Toluene-d8	104	66 - 138	12/16/16 15:56	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000622-96-8	Benzene, 1-ethyl-4-methyl-	11.35	1200	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	11.57	1200	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	11.71	3800	JN
000637-50-3	Benzene, 1-propenyl-	12.22	1400	JN
000141-93-5	Benzene, 1,3-diethyl-	12.29	1800	JN
	unknown	12.40	740	J
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	12.51	1100	JN
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	12.54	1000	JN
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12.60	1800	JN
	unknown	12.69	960	J
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.91	1500	JN
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	12.95	1800	JN
000768-00-3	Benzene, (1-methyl-1-propenyl)-, (E)-	13.16	1200	JN
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	13.29	2600	JN
	unknown	13.66	720	J
000091-20-3	Naphthalene	13.78	1400	JN
	unknown	13.93	1100	J
	unknown	14.22	1000	J
000264-09-5	Benzocycloheptatriene	14.65	1700	JN
000091-57-6	Naphthalene, 2-methyl-	14.79	810	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-15	**Units:**	ug/Kg
Lab Code:	R1613026-002	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.3 U	5.3	0.78	.95	12/15/16 13:29	
1,1,2,2-Tetrachloroethane	5.3 U	5.3	0.87	.95	12/15/16 13:29	
1,1,2-Trichloroethane	5.3 U	5.3	0.78	.95	12/15/16 13:29	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.3 U	5.3	1.4	.95	12/15/16 13:29	
1,1-Dichloroethane (1,1-DCA)	5.3 U	5.3	1.4	.95	12/15/16 13:29	
1,1-Dichloroethene (1,1-DCE)	5.3 U	5.3	1.4	.95	12/15/16 13:29	
1,2,3-Trichlorobenzene	5.3 U	5.3	0.67	.95	12/15/16 13:29	
1,2,4-Trichlorobenzene	5.3 U	5.3	0.63	.95	12/15/16 13:29	
1,2-Dibromo-3-chloropropane (DBCP)	5.3 U	5.3	2.0	.95	12/15/16 13:29	
1,2-Dibromoethane	5.3 U	5.3	1.3	.95	12/15/16 13:29	
1,2-Dichlorobenzene	5.3 U	5.3	0.66	.95	12/15/16 13:29	
1,2-Dichloroethane	5.3 U	5.3	0.66	.95	12/15/16 13:29	
1,2-Dichloropropane	5.3 U	5.3	1.1	.95	12/15/16 13:29	
1,3-Dichlorobenzene	5.3 U	5.3	0.68	.95	12/15/16 13:29	
1,4-Dichlorobenzene	5.3 U	5.3	0.60	.95	12/15/16 13:29	
1,4-Dioxane	110 U	110	21	.95	12/15/16 13:29	
2-Butanone (MEK)	**11**	5.3	2.5	.95	12/15/16 13:29	
2-Hexanone	5.3 U	5.3	1.3	.95	12/15/16 13:29	
4-Methyl-2-pentanone	5.3 U	5.3	1.1	.95	12/15/16 13:29	
Acetone	**85**	5.3	3.0	.95	12/15/16 13:29	
Benzene	**0.93 J**	5.3	0.31	.95	12/15/16 13:29	
Bromochloromethane	5.3 U	5.3	1.5	.95	12/15/16 13:29	
Bromodichloromethane	5.3 U	5.3	0.66	.95	12/15/16 13:29	
Bromoform	5.3 U	5.3	1.0	.95	12/15/16 13:29	
Bromomethane	5.3 U	5.3	1.5	.95	12/15/16 13:29	
Carbon Disulfide	5.3 U	5.3	1.4	.95	12/15/16 13:29	
Carbon Tetrachloride	5.3 U	5.3	0.99	.95	12/15/16 13:29	
Chlorobenzene	5.3 U	5.3	0.31	.95	12/15/16 13:29	
Chloroethane	5.3 U	5.3	3.1	.95	12/15/16 13:29	
Chloroform	5.3 U	5.3	1.4	.95	12/15/16 13:29	
Chloromethane	5.3 U	5.3	0.43	.95	12/15/16 13:29	
Cyclohexane	5.3 U	5.3	1.5	.95	12/15/16 13:29	
Dibromochloromethane	5.3 U	5.3	0.78	.95	12/15/16 13:29	
Dichlorodifluoromethane (CFC 12)	5.3 U	5.3	2.1	.95	12/15/16 13:29	
Dichloromethane	5.3 U	5.3	0.61	.95	12/15/16 13:29	
Ethylbenzene	5.3 U	5.3	0.25	.95	12/15/16 13:29	
Isopropylbenzene (Cumene)	**0.84 J**	5.3	0.72	.95	12/15/16 13:29	
Methyl Acetate	5.3 U	5.3	1.9	.95	12/15/16 13:29	
Methyl tert-Butyl Ether	5.3 U	5.3	1.1	.95	12/15/16 13:29	
Methylcyclohexane	5.3 U	5.3	1.3	.95	12/15/16 13:29	
Styrene	5.3 U	5.3	0.33	.95	12/15/16 13:29	
Tetrachloroethene (PCE)	5.3 U	5.3	0.94	.95	12/15/16 13:29	
Toluene	5.3 U	5.3	1.1	.95	12/15/16 13:29	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-15	**Units:**	ug/Kg
Lab Code:	R1613026-002	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.3 U	5.3	1.1	.95	12/15/16 13:29	
Trichlorofluoromethane (CFC 11)	5.3 U	5.3	0.71	.95	12/15/16 13:29	
Vinyl Chloride	5.3 U	5.3	2.0	.95	12/15/16 13:29	
cis-1,2-Dichloroethene	5.3 U	5.3	1.1	.95	12/15/16 13:29	
cis-1,3-Dichloropropene	5.3 U	5.3	0.97	.95	12/15/16 13:29	
m,p-Xylenes	**2.4 J**	11	1.2	.95	12/15/16 13:29	
o-Xylene	**0.80 J**	5.3	0.52	.95	12/15/16 13:29	
trans-1,2-Dichloroethene	5.3 U	5.3	0.92	.95	12/15/16 13:29	
trans-1,3-Dichloropropene	5.3 U	5.3	0.22	.95	12/15/16 13:29	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	51 - 136	12/15/16 13:29	
Dibromofluoromethane	91	63 - 138	12/15/16 13:29	
Toluene-d8	100	66 - 138	12/15/16 13:29	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	5.9	JN
000109-66-0	Pentane	1.56	8.9	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	12.90	5.4	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:55
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-18	**Units:**	ug/Kg
Lab Code:	R1613026-003	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.1 U	5.1	0.76	.85	12/15/16 13:53	
1,1,2,2-Tetrachloroethane	5.1 U	5.1	0.84	.85	12/15/16 13:53	
1,1,2-Trichloroethane	5.1 U	5.1	0.76	.85	12/15/16 13:53	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.1 U	5.1	1.3	.85	12/15/16 13:53	
1,1-Dichloroethane (1,1-DCA)	5.1 U	5.1	1.3	.85	12/15/16 13:53	
1,1-Dichloroethene (1,1-DCE)	5.1 U	5.1	1.4	.85	12/15/16 13:53	
1,2,3-Trichlorobenzene	5.1 U	5.1	0.64	.85	12/15/16 13:53	
1,2,4-Trichlorobenzene	5.1 U	5.1	0.61	.85	12/15/16 13:53	
1,2-Dibromo-3-chloropropane (DBCP)	5.1 U	5.1	2.0	.85	12/15/16 13:53	
1,2-Dibromoethane	5.1 U	5.1	1.3	.85	12/15/16 13:53	
1,2-Dichlorobenzene	5.1 U	5.1	0.63	.85	12/15/16 13:53	
1,2-Dichloroethane	5.1 U	5.1	0.63	.85	12/15/16 13:53	
1,2-Dichloropropane	5.1 U	5.1	1.0	.85	12/15/16 13:53	
1,3-Dichlorobenzene	5.1 U	5.1	0.65	.85	12/15/16 13:53	
1,4-Dichlorobenzene	5.1 U	5.1	0.58	.85	12/15/16 13:53	
1,4-Dioxane	100 U	100	20	.85	12/15/16 13:53	
2-Butanone (MEK)	**4.7 J**	5.1	2.4	.85	12/15/16 13:53	
2-Hexanone	5.1 U	5.1	1.3	.85	12/15/16 13:53	
4-Methyl-2-pentanone	5.1 U	5.1	1.1	.85	12/15/16 13:53	
Acetone	**24**	5.1	2.9	.85	12/15/16 13:53	
Benzene	**1.2 J**	5.1	0.30	.85	12/15/16 13:53	
Bromochloromethane	5.1 U	5.1	1.4	.85	12/15/16 13:53	
Bromodichloromethane	5.1 U	5.1	0.63	.85	12/15/16 13:53	
Bromoform	5.1 U	5.1	0.96	.85	12/15/16 13:53	
Bromomethane	5.1 U	5.1	1.5	.85	12/15/16 13:53	
Carbon Disulfide	5.1 U	5.1	1.3	.85	12/15/16 13:53	
Carbon Tetrachloride	5.1 U	5.1	0.95	.85	12/15/16 13:53	
Chlorobenzene	5.1 U	5.1	0.30	.85	12/15/16 13:53	
Chloroethane	5.1 U	5.1	3.0	.85	12/15/16 13:53	
Chloroform	5.1 U	5.1	1.3	.85	12/15/16 13:53	
Chloromethane	5.1 U	5.1	0.42	.85	12/15/16 13:53	
Cyclohexane	5.1 U	5.1	1.5	.85	12/15/16 13:53	
Dibromochloromethane	5.1 U	5.1	0.76	.85	12/15/16 13:53	
Dichlorodifluoromethane (CFC 12)	5.1 U	5.1	2.0	.85	12/15/16 13:53	
Dichloromethane	**1.1 BJ**	5.1	0.59	.85	12/15/16 13:53	
Ethylbenzene	5.1 U	5.1	0.24	.85	12/15/16 13:53	
Isopropylbenzene (Cumene)	5.1 U	5.1	0.69	.85	12/15/16 13:53	
Methyl Acetate	5.1 U	5.1	1.9	.85	12/15/16 13:53	
Methyl tert-Butyl Ether	5.1 U	5.1	0.97	.85	12/15/16 13:53	
Methylcyclohexane	5.1 U	5.1	1.3	.85	12/15/16 13:53	
Styrene	5.1 U	5.1	0.31	.85	12/15/16 13:53	
Tetrachloroethene (PCE)	5.1 U	5.1	0.91	.85	12/15/16 13:53	
Toluene	5.1 U	5.1	1.1	.85	12/15/16 13:53	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:55
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-18	**Units:**	ug/Kg
Lab Code:	R1613026-003	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.1	U	5.1	1.1	.85	12/15/16 13:53	
Trichlorofluoromethane (CFC 11)	5.1	U	5.1	0.68	.85	12/15/16 13:53	
Vinyl Chloride	5.1	U	5.1	1.9	.85	12/15/16 13:53	
cis-1,2-Dichloroethene	5.1	U	5.1	0.98	.85	12/15/16 13:53	
cis-1,3-Dichloropropene	5.1	U	5.1	0.93	.85	12/15/16 13:53	
m,p-Xylenes	**1.9**	**J**	10	1.2	.85	12/15/16 13:53	
o-Xylene	**0.63**	**J**	5.1	0.50	.85	12/15/16 13:53	
trans-1,2-Dichloroethene	5.1	U	5.1	0.89	.85	12/15/16 13:53	
trans-1,3-Dichloropropene	5.1	U	5.1	0.21	.85	12/15/16 13:53	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	51 - 136	12/15/16 13:53	
Dibromofluoromethane	93	63 - 138	12/15/16 13:53	
Toluene-d8	100	66 - 138	12/15/16 13:53	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:05
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-2	**Units:**	ug/Kg
Lab Code:	R1613026-004	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.9 U	5.9	0.87	.99	12/15/16 14:18	
1,1,2,2-Tetrachloroethane	5.9 U	5.9	0.96	.99	12/15/16 14:18	
1,1,2-Trichloroethane	5.9 U	5.9	0.87	.99	12/15/16 14:18	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.9 U	5.9	1.5	.99	12/15/16 14:18	
1,1-Dichloroethane (1,1-DCA)	5.9 U	5.9	1.5	.99	12/15/16 14:18	
1,1-Dichloroethene (1,1-DCE)	5.9 U	5.9	1.6	.99	12/15/16 14:18	
1,2,3-Trichlorobenzene	5.9 U	5.9	0.74	.99	12/15/16 14:18	
1,2,4-Trichlorobenzene	5.9 U	5.9	0.70	.99	12/15/16 14:18	
1,2-Dibromo-3-chloropropane (DBCP)	5.9 U	5.9	2.3	.99	12/15/16 14:18	
1,2-Dibromoethane	5.9 U	5.9	1.5	.99	12/15/16 14:18	
1,2-Dichlorobenzene	5.9 U	5.9	0.73	.99	12/15/16 14:18	
1,2-Dichloroethane	5.9 U	5.9	0.73	.99	12/15/16 14:18	
1,2-Dichloropropane	5.9 U	5.9	1.2	.99	12/15/16 14:18	
1,3-Dichlorobenzene	5.9 U	5.9	0.75	.99	12/15/16 14:18	
1,4-Dichlorobenzene	5.9 U	5.9	0.67	.99	12/15/16 14:18	
1,4-Dioxane	120 U	120	23	.99	12/15/16 14:18	
2-Butanone (MEK)	**21**	5.9	2.8	.99	12/15/16 14:18	
2-Hexanone	5.9 U	5.9	1.5	.99	12/15/16 14:18	
4-Methyl-2-pentanone	5.9 U	5.9	1.2	.99	12/15/16 14:18	
Acetone	**230**	5.9	3.4	.99	12/15/16 14:18	
Benzene	5.9 U	5.9	0.35	.99	12/15/16 14:18	
Bromochloromethane	5.9 U	5.9	1.7	.99	12/15/16 14:18	
Bromodichloromethane	5.9 U	5.9	0.73	.99	12/15/16 14:18	
Bromoform	5.9 U	5.9	1.1	.99	12/15/16 14:18	
Bromomethane	5.9 U	5.9	1.7	.99	12/15/16 14:18	
Carbon Disulfide	5.9 U	5.9	1.5	.99	12/15/16 14:18	
Carbon Tetrachloride	5.9 U	5.9	1.1	.99	12/15/16 14:18	
Chlorobenzene	5.9 U	5.9	0.35	.99	12/15/16 14:18	
Chloroethane	5.9 U	5.9	3.4	.99	12/15/16 14:18	
Chloroform	5.9 U	5.9	1.5	.99	12/15/16 14:18	
Chloromethane	5.9 U	5.9	0.48	.99	12/15/16 14:18	
Cyclohexane	5.9 U	5.9	1.7	.99	12/15/16 14:18	
Dibromochloromethane	5.9 U	5.9	0.87	.99	12/15/16 14:18	
Dichlorodifluoromethane (CFC 12)	5.9 U	5.9	2.3	.99	12/15/16 14:18	
Dichloromethane	5.9 U	5.9	0.68	.99	12/15/16 14:18	
Ethylbenzene	5.9 U	5.9	0.28	.99	12/15/16 14:18	
Isopropylbenzene (Cumene)	**1.4 J**	5.9	0.80	.99	12/15/16 14:18	
Methyl Acetate	**5.0 J**	5.9	2.1	.99	12/15/16 14:18	
Methyl tert-Butyl Ether	5.9 U	5.9	1.2	.99	12/15/16 14:18	
Methylcyclohexane	5.9 U	5.9	1.5	.99	12/15/16 14:18	
Styrene	5.9 U	5.9	0.36	.99	12/15/16 14:18	
Tetrachloroethene (PCE)	5.9 U	5.9	1.1	.99	12/15/16 14:18	
Toluene	5.9 U	5.9	1.2	.99	12/15/16 14:18	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:05
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-2	**Units:**	ug/Kg
Lab Code:	R1613026-004	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.9 U	5.9	1.2	.99	12/15/16 14:18	
Trichlorofluoromethane (CFC 11)	5.9 U	5.9	0.78	.99	12/15/16 14:18	
Vinyl Chloride	5.9 U	5.9	2.2	.99	12/15/16 14:18	
cis-1,2-Dichloroethene	5.9 U	5.9	1.2	.99	12/15/16 14:18	
cis-1,3-Dichloropropene	5.9 U	5.9	1.1	.99	12/15/16 14:18	
m,p-Xylenes	12 U	12	1.3	.99	12/15/16 14:18	
o-Xylene	5.9 U	5.9	0.57	.99	12/15/16 14:18	
trans-1,2-Dichloroethene	5.9 U	5.9	1.1	.99	12/15/16 14:18	
trans-1,3-Dichloropropene	5.9 U	5.9	0.24	.99	12/15/16 14:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	51 - 136	12/15/16 14:18	
Dibromofluoromethane	98	63 - 138	12/15/16 14:18	
Toluene-d8	99	66 - 138	12/15/16 14:18	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:20
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-5	**Units:**	ug/Kg
Lab Code:	R1613026-005	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	3.3	U	3.3	0.48	.59	12/15/16 14:42	
1,1,2,2-Tetrachloroethane	3.3	U	3.3	0.53	.59	12/15/16 14:42	
1,1,2-Trichloroethane	3.3	U	3.3	0.48	.59	12/15/16 14:42	
1,1,2-Trichloro-1,2,2-trifluoroethane	3.3	U	3.3	0.82	.59	12/15/16 14:42	
1,1-Dichloroethane (1,1-DCA)	3.3	U	3.3	0.82	.59	12/15/16 14:42	
1,1-Dichloroethene (1,1-DCE)	3.3	U	3.3	0.84	.59	12/15/16 14:42	
1,2,3-Trichlorobenzene	3.3	U	3.3	0.41	.59	12/15/16 14:42	
1,2,4-Trichlorobenzene	3.3	U	3.3	0.39	.59	12/15/16 14:42	
1,2-Dibromo-3-chloropropane (DBCP)	3.3	U	3.3	1.3	.59	12/15/16 14:42	
1,2-Dibromoethane	3.3	U	3.3	0.80	.59	12/15/16 14:42	
1,2-Dichlorobenzene	3.3	U	3.3	0.40	.59	12/15/16 14:42	
1,2-Dichloroethane	3.3	U	3.3	0.40	.59	12/15/16 14:42	
1,2-Dichloropropane	3.3	U	3.3	0.64	.59	12/15/16 14:42	
1,3-Dichlorobenzene	3.3	U	3.3	0.42	.59	12/15/16 14:42	
1,4-Dichlorobenzene	3.3	U	3.3	0.37	.59	12/15/16 14:42	
1,4-Dioxane	65	U	65	13	.59	12/15/16 14:42	
2-Butanone (MEK)	**5.5**		3.3	1.5	.59	12/15/16 14:42	
2-Hexanone	3.3	U	3.3	0.80	.59	12/15/16 14:42	
4-Methyl-2-pentanone	3.3	U	3.3	0.65	.59	12/15/16 14:42	
Acetone	**54**		3.3	1.9	.59	12/15/16 14:42	
Benzene	3.3	U	3.3	0.19	.59	12/15/16 14:42	
Bromochloromethane	3.3	U	3.3	0.89	.59	12/15/16 14:42	
Bromodichloromethane	3.3	U	3.3	0.40	.59	12/15/16 14:42	
Bromoform	3.3	U	3.3	0.61	.59	12/15/16 14:42	
Bromomethane	3.3	U	3.3	0.91	.59	12/15/16 14:42	
Carbon Disulfide	3.3	U	3.3	0.82	.59	12/15/16 14:42	
Carbon Tetrachloride	3.3	U	3.3	0.61	.59	12/15/16 14:42	
Chlorobenzene	3.3	U	3.3	0.19	.59	12/15/16 14:42	
Chloroethane	3.3	U	3.3	1.9	.59	12/15/16 14:42	
Chloroform	3.3	U	3.3	0.83	.59	12/15/16 14:42	
Chloromethane	3.3	U	3.3	0.27	.59	12/15/16 14:42	
Cyclohexane	3.3	U	3.3	0.91	.59	12/15/16 14:42	
Dibromochloromethane	3.3	U	3.3	0.48	.59	12/15/16 14:42	
Dichlorodifluoromethane (CFC 12)	3.3	U	3.3	1.3	.59	12/15/16 14:42	
Dichloromethane	**0.57**	**BJ**	3.3	0.38	.59	12/15/16 14:42	
Ethylbenzene	3.3	U	3.3	0.16	.59	12/15/16 14:42	
Isopropylbenzene (Cumene)	3.3	U	3.3	0.44	.59	12/15/16 14:42	
Methyl Acetate	**2.1**	**J**	3.3	1.2	.59	12/15/16 14:42	
Methyl tert-Butyl Ether	**1.1**	**J**	3.3	0.62	.59	12/15/16 14:42	
Methylcyclohexane	3.3	U	3.3	0.79	.59	12/15/16 14:42	
Styrene	3.3	U	3.3	0.20	.59	12/15/16 14:42	
Tetrachloroethene (PCE)	3.3	U	3.3	0.58	.59	12/15/16 14:42	
Toluene	3.3	U	3.3	0.66	.59	12/15/16 14:42	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:20
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-5	**Units:**	ug/Kg
Lab Code:	R1613026-005	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	3.3 U	3.3	0.66	.59	12/15/16 14:42	
Trichlorofluoromethane (CFC 11)	3.3 U	3.3	0.44	.59	12/15/16 14:42	
Vinyl Chloride	3.3 U	3.3	1.3	.59	12/15/16 14:42	
cis-1,2-Dichloroethene	3.3 U	3.3	0.63	.59	12/15/16 14:42	
cis-1,3-Dichloropropene	3.3 U	3.3	0.59	.59	12/15/16 14:42	
m,p-Xylenes	6.5 U	6.5	0.72	.59	12/15/16 14:42	
o-Xylene	3.3 U	3.3	0.32	.59	12/15/16 14:42	
trans-1,2-Dichloroethene	3.3 U	3.3	0.57	.59	12/15/16 14:42	
trans-1,3-Dichloropropene	3.3 U	3.3	0.14	.59	12/15/16 14:42	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	51 - 136	12/15/16 14:42	
Dibromofluoromethane	96	63 - 138	12/15/16 14:42	
Toluene-d8	99	66 - 138	12/15/16 14:42	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	3.4	JN
000763-29-1	1-Pentene, 2-methyl-	2.65	4.0	JN
	unknown	3.45	6.3	J
	unknown	9.64	6.4	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-10	**Units:**	ug/Kg
Lab Code:	R1613026-006	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.0 U	4.0	0.59	.73	12/15/16 15:06	
1,1,2,2-Tetrachloroethane	4.0 U	4.0	0.66	.73	12/15/16 15:06	
1,1,2-Trichloroethane	4.0 U	4.0	0.59	.73	12/15/16 15:06	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0 U	4.0	1.1	.73	12/15/16 15:06	
1,1-Dichloroethane (1,1-DCA)	4.0 U	4.0	1.1	.73	12/15/16 15:06	
1,1-Dichloroethene (1,1-DCE)	4.0 U	4.0	1.1	.73	12/15/16 15:06	
1,2,3-Trichlorobenzene	4.0 U	4.0	0.51	.73	12/15/16 15:06	
1,2,4-Trichlorobenzene	4.0 U	4.0	0.48	.73	12/15/16 15:06	
1,2-Dibromo-3-chloropropane (DBCP)	4.0 U	4.0	1.6	.73	12/15/16 15:06	
1,2-Dibromoethane	4.0 U	4.0	0.98	.73	12/15/16 15:06	
1,2-Dichlorobenzene	4.0 U	4.0	0.50	.73	12/15/16 15:06	
1,2-Dichloroethane	4.0 U	4.0	0.50	.73	12/15/16 15:06	
1,2-Dichloropropane	4.0 U	4.0	0.79	.73	12/15/16 15:06	
1,3-Dichlorobenzene	4.0 U	4.0	0.51	.73	12/15/16 15:06	
1,4-Dichlorobenzene	4.0 U	4.0	0.46	.73	12/15/16 15:06	
1,4-Dioxane	81 U	81	16	.73	12/15/16 15:06	
2-Butanone (MEK)	**6.7**	4.0	1.9	.73	12/15/16 15:06	
2-Hexanone	4.0 U	4.0	0.98	.73	12/15/16 15:06	
4-Methyl-2-pentanone	4.0 U	4.0	0.80	.73	12/15/16 15:06	
Acetone	**210 E**	4.0	2.3	.73	12/15/16 15:06	
Benzene	4.0 U	4.0	0.24	.73	12/15/16 15:06	
Bromochloromethane	4.0 U	4.0	1.1	.73	12/15/16 15:06	
Bromodichloromethane	4.0 U	4.0	0.50	.73	12/15/16 15:06	
Bromoform	4.0 U	4.0	0.76	.73	12/15/16 15:06	
Bromomethane	4.0 U	4.0	1.2	.73	12/15/16 15:06	
Carbon Disulfide	4.0 U	4.0	1.1	.73	12/15/16 15:06	
Carbon Tetrachloride	4.0 U	4.0	0.75	.73	12/15/16 15:06	
Chlorobenzene	4.0 U	4.0	0.24	.73	12/15/16 15:06	
Chloroethane	4.0 U	4.0	2.4	.73	12/15/16 15:06	
Chloroform	4.0 U	4.0	1.1	.73	12/15/16 15:06	
Chloromethane	4.0 U	4.0	0.33	.73	12/15/16 15:06	
Cyclohexane	4.0 U	4.0	1.2	.73	12/15/16 15:06	
Dibromochloromethane	4.0 U	4.0	0.59	.73	12/15/16 15:06	
Dichlorodifluoromethane (CFC 12)	4.0 U	4.0	1.6	.73	12/15/16 15:06	
Dichloromethane	4.0 U	4.0	0.46	.73	12/15/16 15:06	
Ethylbenzene	4.0 U	4.0	0.19	.73	12/15/16 15:06	
Isopropylbenzene (Cumene)	4.0 U	4.0	0.55	.73	12/15/16 15:06	
Methyl Acetate	**2.7 J**	4.0	1.5	.73	12/15/16 15:06	
Methyl tert-Butyl Ether	**1.5 J**	4.0	0.76	.73	12/15/16 15:06	
Methylcyclohexane	4.0 U	4.0	0.97	.73	12/15/16 15:06	
Styrene	4.0 U	4.0	0.25	.73	12/15/16 15:06	
Tetrachloroethene (PCE)	4.0 U	4.0	0.71	.73	12/15/16 15:06	
Toluene	4.0 U	4.0	0.81	.73	12/15/16 15:06	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-10	**Units:**	ug/Kg
Lab Code:	R1613026-006	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.0 U	4.0	0.82	.73	12/15/16 15:06	
Trichlorofluoromethane (CFC 11)	4.0 U	4.0	0.54	.73	12/15/16 15:06	
Vinyl Chloride	4.0 U	4.0	1.5	.73	12/15/16 15:06	
cis-1,2-Dichloroethene	4.0 U	4.0	0.77	.73	12/15/16 15:06	
cis-1,3-Dichloropropene	4.0 U	4.0	0.73	.73	12/15/16 15:06	
m,p-Xylenes	8.1 U	8.1	0.88	.73	12/15/16 15:06	
o-Xylene	4.0 U	4.0	0.39	.73	12/15/16 15:06	
trans-1,2-Dichloroethene	4.0 U	4.0	0.70	.73	12/15/16 15:06	
trans-1,3-Dichloropropene	4.0 U	4.0	0.17	.73	12/15/16 15:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	51 - 136	12/15/16 15:06	
Dibromofluoromethane	96	63 - 138	12/15/16 15:06	
Toluene-d8	100	66 - 138	12/15/16 15:06	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	9.3	JN
000109-66-0	Pentane	1.56	24	JN
000763-29-1	1-Pentene, 2-methyl-	2.65	15	JN
000637-92-3	Propane, 2-ethoxy-2-methyl-	3.45	9.5	JN
002213-23-2	Heptane, 2,4-dimethyl-	9.64	6.9	JN

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-10	**Units:**	ug/Kg
Lab Code:	R1613026-006	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	230 U	230	34	41.5	12/16/16 16:20	
1,1,2,2-Tetrachloroethane	230 U	230	38	41.5	12/16/16 16:20	
1,1,2-Trichloroethane	230 U	230	34	41.5	12/16/16 16:20	
1,1,2-Trichloro-1,2,2-trifluoroethane	230 U	230	57	41.5	12/16/16 16:20	
1,1-Dichloroethane (1,1-DCA)	230 U	230	58	41.5	12/16/16 16:20	
1,1-Dichloroethene (1,1-DCE)	230 U	230	59	41.5	12/16/16 16:20	
1,2,3-Trichlorobenzene	230 U	230	29	41.5	12/16/16 16:20	
1,2,4-Trichlorobenzene	230 U	230	28	41.5	12/16/16 16:20	
1,2-Dibromo-3-chloropropane (DBCP)	230 U	230	86	41.5	12/16/16 16:20	
1,2-Dibromoethane	230 U	230	56	41.5	12/16/16 16:20	
1,2-Dichlorobenzene	230 U	230	28	41.5	12/16/16 16:20	
1,2-Dichloroethane	230 U	230	28	41.5	12/16/16 16:20	
1,2-Dichloropropane	230 U	230	45	41.5	12/16/16 16:20	
1,3-Dichlorobenzene	230 U	230	29	41.5	12/16/16 16:20	
1,4-Dichlorobenzene	230 U	230	26	41.5	12/16/16 16:20	
1,4-Dioxane	4600 U	4600	880	41.5	12/16/16 16:20	
2-Butanone (MEK)	230 U	230	110	41.5	12/16/16 16:20	
2-Hexanone	230 U	230	56	41.5	12/16/16 16:20	
4-Methyl-2-pentanone	230 U	230	45	41.5	12/16/16 16:20	
Acetone	**130 DJ**	230	130	41.5	12/16/16 16:20	
Benzene	230 U	230	14	41.5	12/16/16 16:20	
Bromochloromethane	230 U	230	63	41.5	12/16/16 16:20	
Bromodichloromethane	230 U	230	28	41.5	12/16/16 16:20	
Bromoform	230 U	230	43	41.5	12/16/16 16:20	
Bromomethane	230 U	230	64	41.5	12/16/16 16:20	
Carbon Disulfide	230 U	230	57	41.5	12/16/16 16:20	
Carbon Tetrachloride	230 U	230	43	41.5	12/16/16 16:20	
Chlorobenzene	230 U	230	14	41.5	12/16/16 16:20	
Chloroethane	230 U	230	140	41.5	12/16/16 16:20	
Chloroform	230 U	230	58	41.5	12/16/16 16:20	
Chloromethane	230 U	230	19	41.5	12/16/16 16:20	
Cyclohexane	230 U	230	64	41.5	12/16/16 16:20	
Dibromochloromethane	230 U	230	34	41.5	12/16/16 16:20	
Dichlorodifluoromethane (CFC 12)	230 U	230	87	41.5	12/16/16 16:20	
Dichloromethane	230 U	230	27	41.5	12/16/16 16:20	
Ethylbenzene	230 U	230	11	41.5	12/16/16 16:20	
Isopropylbenzene (Cumene)	230 U	230	31	41.5	12/16/16 16:20	
Methyl Acetate	230 U	230	81	41.5	12/16/16 16:20	
Methyl tert-Butyl Ether	230 U	230	44	41.5	12/16/16 16:20	
Methylcyclohexane	230 U	230	56	41.5	12/16/16 16:20	
Styrene	230 U	230	14	41.5	12/16/16 16:20	
Tetrachloroethene (PCE)	230 U	230	41	41.5	12/16/16 16:20	
Toluene	230 U	230	46	41.5	12/16/16 16:20	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-10	**Units:**	ug/Kg
Lab Code:	R1613026-006	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	230 U	230	47	41.5	12/16/16 16:20	
Trichlorofluoromethane (CFC 11)	230 U	230	31	41.5	12/16/16 16:20	
Vinyl Chloride	230 U	230	85	41.5	12/16/16 16:20	
cis-1,2-Dichloroethene	230 U	230	44	41.5	12/16/16 16:20	
cis-1,3-Dichloropropene	230 U	230	42	41.5	12/16/16 16:20	
m,p-Xylenes	460 U	460	50	41.5	12/16/16 16:20	
o-Xylene	230 U	230	23	41.5	12/16/16 16:20	
trans-1,2-Dichloroethene	230 U	230	40	41.5	12/16/16 16:20	
trans-1,3-Dichloropropene	230 U	230	9.2	41.5	12/16/16 16:20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	51 - 136	12/16/16 16:20	
Dibromofluoromethane	84	63 - 138	12/16/16 16:20	
Toluene-d8	102	66 - 138	12/16/16 16:20	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-12	**Units:**	ug/Kg
Lab Code:	R1613026-007	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.0	U	4.0	0.59	.75	12/15/16 15:30	
1,1,2,2-Tetrachloroethane	4.0	U	4.0	0.65	.75	12/15/16 15:30	
1,1,2-Trichloroethane	4.0	U	4.0	0.59	.75	12/15/16 15:30	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.0	U	4.0	1.0	.75	12/15/16 15:30	
1,1-Dichloroethane (1,1-DCA)	4.0	U	4.0	1.1	.75	12/15/16 15:30	
1,1-Dichloroethene (1,1-DCE)	4.0	U	4.0	1.1	.75	12/15/16 15:30	
1,2,3-Trichlorobenzene	4.0	U	4.0	0.50	.75	12/15/16 15:30	
1,2,4-Trichlorobenzene	4.0	U	4.0	0.48	.75	12/15/16 15:30	
1,2-Dibromo-3-chloropropane (DBCP)	4.0	U	4.0	1.5	.75	12/15/16 15:30	
1,2-Dibromoethane	4.0	U	4.0	0.98	.75	12/15/16 15:30	
1,2-Dichlorobenzene	4.0	U	4.0	0.49	.75	12/15/16 15:30	
1,2-Dichloroethane	4.0	U	4.0	0.49	.75	12/15/16 15:30	
1,2-Dichloropropane	4.0	U	4.0	0.78	.75	12/15/16 15:30	
1,3-Dichlorobenzene	4.0	U	4.0	0.51	.75	12/15/16 15:30	
1,4-Dichlorobenzene	4.0	U	4.0	0.45	.75	12/15/16 15:30	
1,4-Dioxane	80	U	80	16	.75	12/15/16 15:30	
2-Butanone (MEK)	**6.3**		4.0	1.9	.75	12/15/16 15:30	
2-Hexanone	4.0	U	4.0	0.98	.75	12/15/16 15:30	
4-Methyl-2-pentanone	4.0	U	4.0	0.79	.75	12/15/16 15:30	
Acetone	**60**		4.0	2.3	.75	12/15/16 15:30	
Benzene	4.0	U	4.0	0.24	.75	12/15/16 15:30	
Bromochloromethane	4.0	U	4.0	1.1	.75	12/15/16 15:30	
Bromodichloromethane	4.0	U	4.0	0.49	.75	12/15/16 15:30	
Bromoform	4.0	U	4.0	0.75	.75	12/15/16 15:30	
Bromomethane	4.0	U	4.0	1.2	.75	12/15/16 15:30	
Carbon Disulfide	4.0	U	4.0	1.0	.75	12/15/16 15:30	
Carbon Tetrachloride	4.0	U	4.0	0.74	.75	12/15/16 15:30	
Chlorobenzene	4.0	U	4.0	0.24	.75	12/15/16 15:30	
Chloroethane	4.0	U	4.0	2.4	.75	12/15/16 15:30	
Chloroform	4.0	U	4.0	1.1	.75	12/15/16 15:30	
Chloromethane	4.0	U	4.0	0.33	.75	12/15/16 15:30	
Cyclohexane	4.0	U	4.0	1.2	.75	12/15/16 15:30	
Dibromochloromethane	4.0	U	4.0	0.59	.75	12/15/16 15:30	
Dichlorodifluoromethane (CFC 12)	4.0	U	4.0	1.6	.75	12/15/16 15:30	
Dichloromethane	4.0	U	4.0	0.46	.75	12/15/16 15:30	
Ethylbenzene	4.0	U	4.0	0.19	.75	12/15/16 15:30	
Isopropylbenzene (Cumene)	4.0	U	4.0	0.54	.75	12/15/16 15:30	
Methyl Acetate	**2.9**	**J**	4.0	1.5	.75	12/15/16 15:30	
Methyl tert-Butyl Ether	4.0	U	4.0	0.76	.75	12/15/16 15:30	
Methylcyclohexane	4.0	U	4.0	0.97	.75	12/15/16 15:30	
Styrene	4.0	U	4.0	0.25	.75	12/15/16 15:30	
Tetrachloroethene (PCE)	4.0	U	4.0	0.71	.75	12/15/16 15:30	
Toluene	4.0	U	4.0	0.81	.75	12/15/16 15:30	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-12	**Units:**	ug/Kg
Lab Code:	R1613026-007	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.0 U	4.0	0.82	.75	12/15/16 15:30	
Trichlorofluoromethane (CFC 11)	4.0 U	4.0	0.53	.75	12/15/16 15:30	
Vinyl Chloride	4.0 U	4.0	1.5	.75	12/15/16 15:30	
cis-1,2-Dichloroethene	4.0 U	4.0	0.77	.75	12/15/16 15:30	
cis-1,3-Dichloropropene	4.0 U	4.0	0.73	.75	12/15/16 15:30	
m,p-Xylenes	8.0 U	8.0	0.88	.75	12/15/16 15:30	
o-Xylene	4.0 U	4.0	0.39	.75	12/15/16 15:30	
trans-1,2-Dichloroethene	4.0 U	4.0	0.69	.75	12/15/16 15:30	
trans-1,3-Dichloropropene	4.0 U	4.0	0.17	.75	12/15/16 15:30	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	51 - 136	12/15/16 15:30	
Dibromofluoromethane	96	63 - 138	12/15/16 15:30	
Toluene-d8	100	66 - 138	12/15/16 15:30	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.10	15	J
	unknown	2.65	4.1	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-4	**Units:**	ug/Kg
Lab Code:	R1613026-008	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	6.6 U	6.6	0.97	1.02	12/15/16 15:54	
1,1,2,2-Tetrachloroethane	6.6 U	6.6	1.1	1.02	12/15/16 15:54	
1,1,2-Trichloroethane	6.6 U	6.6	0.97	1.02	12/15/16 15:54	
1,1,2-Trichloro-1,2,2-trifluoroethane	6.6 U	6.6	1.7	1.02	12/15/16 15:54	
1,1-Dichloroethane (1,1-DCA)	6.6 U	6.6	1.7	1.02	12/15/16 15:54	
1,1-Dichloroethene (1,1-DCE)	6.6 U	6.6	1.7	1.02	12/15/16 15:54	
1,2,3-Trichlorobenzene	6.6 U	6.6	0.82	1.02	12/15/16 15:54	
1,2,4-Trichlorobenzene	**1.0 J**	6.6	0.78	1.02	12/15/16 15:54	
1,2-Dibromo-3-chloropropane (DBCP)	6.6 U	6.6	2.5	1.02	12/15/16 15:54	
1,2-Dibromoethane	6.6 U	6.6	1.6	1.02	12/15/16 15:54	
1,2-Dichlorobenzene	6.6 U	6.6	0.81	1.02	12/15/16 15:54	
1,2-Dichloroethane	6.6 U	6.6	0.81	1.02	12/15/16 15:54	
1,2-Dichloropropane	6.6 U	6.6	1.3	1.02	12/15/16 15:54	
1,3-Dichlorobenzene	**1.4 J**	6.6	0.83	1.02	12/15/16 15:54	
1,4-Dichlorobenzene	**2.9 J**	6.6	0.74	1.02	12/15/16 15:54	
1,4-Dioxane	130 U	130	26	1.02	12/15/16 15:54	
2-Butanone (MEK)	**43**	6.6	3.1	1.02	12/15/16 15:54	
2-Hexanone	6.6 U	6.6	1.6	1.02	12/15/16 15:54	
4-Methyl-2-pentanone	6.6 U	6.6	1.3	1.02	12/15/16 15:54	
Acetone	**280 E**	6.6	3.7	1.02	12/15/16 15:54	
Benzene	**3.5 J**	6.6	0.39	1.02	12/15/16 15:54	
Bromochloromethane	6.6 U	6.6	1.8	1.02	12/15/16 15:54	
Bromodichloromethane	6.6 U	6.6	0.81	1.02	12/15/16 15:54	
Bromoform	6.6 U	6.6	1.3	1.02	12/15/16 15:54	
Bromomethane	6.6 U	6.6	1.9	1.02	12/15/16 15:54	
Carbon Disulfide	**2.2 J**	6.6	1.7	1.02	12/15/16 15:54	
Carbon Tetrachloride	6.6 U	6.6	1.3	1.02	12/15/16 15:54	
Chlorobenzene	**0.61 J**	6.6	0.39	1.02	12/15/16 15:54	
Chloroethane	6.6 U	6.6	3.8	1.02	12/15/16 15:54	
Chloroform	6.6 U	6.6	1.7	1.02	12/15/16 15:54	
Chloromethane	6.6 U	6.6	0.53	1.02	12/15/16 15:54	
Cyclohexane	6.6 U	6.6	1.9	1.02	12/15/16 15:54	
Dibromochloromethane	6.6 U	6.6	0.97	1.02	12/15/16 15:54	
Dichlorodifluoromethane (CFC 12)	6.6 U	6.6	2.5	1.02	12/15/16 15:54	
Dichloromethane	**2.3 BJ**	6.6	0.76	1.02	12/15/16 15:54	
Ethylbenzene	**38**	6.6	0.31	1.02	12/15/16 15:54	
Isopropylbenzene (Cumene)	**25**	6.6	0.89	1.02	12/15/16 15:54	
Methyl Acetate	**5.3 J**	6.6	2.4	1.02	12/15/16 15:54	
Methyl tert-Butyl Ether	6.6 U	6.6	1.3	1.02	12/15/16 15:54	
Methylcyclohexane	6.6 U	6.6	1.6	1.02	12/15/16 15:54	
Styrene	**1.8 J**	6.6	0.40	1.02	12/15/16 15:54	
Tetrachloroethene (PCE)	6.6 U	6.6	1.2	1.02	12/15/16 15:54	
Toluene	**6.4 J**	6.6	1.4	1.02	12/15/16 15:54	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-4	**Units:**	ug/Kg
Lab Code:	R1613026-008	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	6.6 U	6.6	1.4	1.02	12/15/16 15:54	
Trichlorofluoromethane (CFC 11)	6.6 U	6.6	0.87	1.02	12/15/16 15:54	
Vinyl Chloride	6.6 U	6.6	2.5	1.02	12/15/16 15:54	
cis-1,2-Dichloroethene	6.6 U	6.6	1.3	1.02	12/15/16 15:54	
cis-1,3-Dichloropropene	6.6 U	6.6	1.2	1.02	12/15/16 15:54	
m,p-Xylenes	**26**	13	1.5	1.02	12/15/16 15:54	
o-Xylene	**22**	6.6	0.64	1.02	12/15/16 15:54	
trans-1,2-Dichloroethene	6.6 U	6.6	1.2	1.02	12/15/16 15:54	
trans-1,3-Dichloropropene	6.6 U	6.6	0.27	1.02	12/15/16 15:54	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	82	51 - 136	12/15/16 15:54	
Dibromofluoromethane	95	63 - 138	12/15/16 15:54	
Toluene-d8	97	66 - 138	12/15/16 15:54	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	9.7	JN
000109-66-0	Pentane	1.56	15	JN
	unknown	12.10	16	J
	unknown	12.30	11	J
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.41	26	JN
	unknown	12.43	11	J
000108-67-8	Benzene, 1,3,5-trimethyl-	12.51	15	JN
000622-96-8	Benzene, 1-ethyl-4-methyl-	12.71	17	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	12.90	43	JN
	unknown	12.96	10	J
000526-73-8	Benzene, 1,2,3-trimethyl-	13.32	24	JN
	unknown	13.96	10	J
000099-87-6	Benzene, 1-methyl-4-(1-methylethyl	14.04	17	JN
000527-84-4	Benzene, 1-methyl-2-(1-methylethyl	14.44	9.6	JN
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	14.49	16	JN
027133-93-3	2,3-Dihydro-1-methylindene	14.74	11	JN
	unknown	14.90	24	J
000091-20-3	Naphthalene	15.51	14	JN
000090-12-0	Naphthalene, 1-methyl-	16.65	10	JN
000763-29-1	1-Pentene, 2-methyl-	2.65	12	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-4	**Units:**	ug/Kg
Lab Code:	R1613026-008	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	310 U	310	45	47.5	12/16/16 16:44	
1,1,2,2-Tetrachloroethane	310 U	310	50	47.5	12/16/16 16:44	
1,1,2-Trichloroethane	310 U	310	45	47.5	12/16/16 16:44	
1,1,2-Trichloro-1,2,2-trifluoroethane	310 U	310	76	47.5	12/16/16 16:44	
1,1-Dichloroethane (1,1-DCA)	310 U	310	77	47.5	12/16/16 16:44	
1,1-Dichloroethene (1,1-DCE)	310 U	310	79	47.5	12/16/16 16:44	
1,2,3-Trichlorobenzene	310 U	310	38	47.5	12/16/16 16:44	
1,2,4-Trichlorobenzene	**68 J**	310	37	47.5	12/16/16 16:44	
1,2-Dibromo-3-chloropropane (DBCP)	310 U	310	120	47.5	12/16/16 16:44	
1,2-Dibromoethane	310 U	310	75	47.5	12/16/16 16:44	
1,2-Dichlorobenzene	310 U	310	38	47.5	12/16/16 16:44	
1,2-Dichloroethane	310 U	310	38	47.5	12/16/16 16:44	
1,2-Dichloropropane	310 U	310	60	47.5	12/16/16 16:44	
1,3-Dichlorobenzene	310 U	310	39	47.5	12/16/16 16:44	
1,4-Dichlorobenzene	310 U	310	35	47.5	12/16/16 16:44	
1,4-Dioxane	6100 U	6100	1200	47.5	12/16/16 16:44	
2-Butanone (MEK)	310 U	310	150	47.5	12/16/16 16:44	
2-Hexanone	310 U	310	75	47.5	12/16/16 16:44	
4-Methyl-2-pentanone	310 U	310	61	47.5	12/16/16 16:44	
Acetone	**350**	310	180	47.5	12/16/16 16:44	
Benzene	310 U	310	18	47.5	12/16/16 16:44	
Bromochloromethane	310 U	310	84	47.5	12/16/16 16:44	
Bromodichloromethane	310 U	310	38	47.5	12/16/16 16:44	
Bromoform	310 U	310	57	47.5	12/16/16 16:44	
Bromomethane	310 U	310	85	47.5	12/16/16 16:44	
Carbon Disulfide	310 U	310	76	47.5	12/16/16 16:44	
Carbon Tetrachloride	310 U	310	57	47.5	12/16/16 16:44	
Chlorobenzene	310 U	310	18	47.5	12/16/16 16:44	
Chloroethane	310 U	310	180	47.5	12/16/16 16:44	
Chloroform	310 U	310	78	47.5	12/16/16 16:44	
Chloromethane	310 U	310	25	47.5	12/16/16 16:44	
Cyclohexane	310 U	310	85	47.5	12/16/16 16:44	
Dibromochloromethane	310 U	310	45	47.5	12/16/16 16:44	
Dichlorodifluoromethane (CFC 12)	310 U	310	120	47.5	12/16/16 16:44	
Dichloromethane	310 U	310	35	47.5	12/16/16 16:44	
Ethylbenzene	**800**	310	15	47.5	12/16/16 16:44	
Isopropylbenzene (Cumene)	**130 J**	310	42	47.5	12/16/16 16:44	
Methyl Acetate	**110 J**	310	110	47.5	12/16/16 16:44	
Methyl tert-Butyl Ether	310 U	310	58	47.5	12/16/16 16:44	
Methylcyclohexane	310 U	310	74	47.5	12/16/16 16:44	
Styrene	**91 J**	310	19	47.5	12/16/16 16:44	
Tetrachloroethene (PCE)	310 U	310	54	47.5	12/16/16 16:44	
Toluene	**130 J**	310	62	47.5	12/16/16 16:44	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-4	**Units:**	ug/Kg
Lab Code:	R1613026-008	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	310 U	310	62	47.5	12/16/16 16:44	
Trichlorofluoromethane (CFC 11)	**55 J**	310	41	47.5	12/16/16 16:44	
Vinyl Chloride	310 U	310	120	47.5	12/16/16 16:44	
cis-1,2-Dichloroethene	310 U	310	59	47.5	12/16/16 16:44	
cis-1,3-Dichloropropene	310 U	310	56	47.5	12/16/16 16:44	
m,p-Xylenes	**350 J**	610	67	47.5	12/16/16 16:44	
o-Xylene	**400**	310	30	47.5	12/16/16 16:44	
trans-1,2-Dichloroethene	310 U	310	53	47.5	12/16/16 16:44	
trans-1,3-Dichloropropene	310 U	310	13	47.5	12/16/16 16:44	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	51 - 136	12/16/16 16:44	
Dibromofluoromethane	88	63 - 138	12/16/16 16:44	
Toluene-d8	104	66 - 138	12/16/16 16:44	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000611-14-3	Benzene, 1-ethyl-2-methyl-	11.34	450	JN
000108-67-8	Benzene, 1,3,5-trimethyl-	11.40	530	JN
000622-96-8	Benzene, 1-ethyl-4-methyl-	11.57	370	JN
000095-36-3	1,2,4-Trimethylbenzene	11.71	1000	JN
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12.29	660	JN
000099-87-6	Benzene, 1-methyl-4-(1-methylethyl	12.60	430	JN
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	12.91	410	JN
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.95	520	JN
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	13.29	730	JN
	unknown	13.93	350	J
	unknown	14.22	410	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Units:**	ug/Kg
Lab Code:	R1613026-009	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	8.7 U	8.7	1.3	1.33	12/15/16 16:18	
1,1,2,2-Tetrachloroethane	8.7 U	8.7	1.5	1.33	12/15/16 16:18	
1,1,2-Trichloroethane	8.7 U	8.7	1.3	1.33	12/15/16 16:18	
1,1,2-Trichloro-1,2,2-trifluoroethane	8.7 U	8.7	2.2	1.33	12/15/16 16:18	
1,1-Dichloroethane (1,1-DCA)	8.7 U	8.7	2.2	1.33	12/15/16 16:18	
1,1-Dichloroethene (1,1-DCE)	8.7 U	8.7	2.3	1.33	12/15/16 16:18	
1,2,3-Trichlorobenzene	8.7 U	8.7	1.1	1.33	12/15/16 16:18	
1,2,4-Trichlorobenzene	**14**	8.7	1.1	1.33	12/15/16 16:18	
1,2-Dibromo-3-chloropropane (DBCP)	8.7 U	8.7	3.3	1.33	12/15/16 16:18	
1,2-Dibromoethane	8.7 U	8.7	2.2	1.33	12/15/16 16:18	
1,2-Dichlorobenzene	**4.7 J**	8.7	1.1	1.33	12/15/16 16:18	
1,2-Dichloroethane	8.7 U	8.7	1.1	1.33	12/15/16 16:18	
1,2-Dichloropropane	8.7 U	8.7	1.7	1.33	12/15/16 16:18	
1,3-Dichlorobenzene	**17**	8.7	1.1	1.33	12/15/16 16:18	
1,4-Dichlorobenzene	**21**	8.7	0.98	1.33	12/15/16 16:18	
1,4-Dioxane	170 U	170	34	1.33	12/15/16 16:18	
2-Butanone (MEK)	**120**	8.7	4.0	1.33	12/15/16 16:18	
2-Hexanone	**5.9 J**	8.7	2.2	1.33	12/15/16 16:18	
4-Methyl-2-pentanone	**6.7 J**	8.7	1.8	1.33	12/15/16 16:18	
Acetone	**710 E**	8.7	4.9	1.33	12/15/16 16:18	
Benzene	**22**	8.7	0.51	1.33	12/15/16 16:18	
Bromochloromethane	8.7 U	8.7	2.4	1.33	12/15/16 16:18	
Bromodichloromethane	8.7 U	8.7	1.1	1.33	12/15/16 16:18	
Bromoform	8.7 U	8.7	1.7	1.33	12/15/16 16:18	
Bromomethane	8.7 U	8.7	2.4	1.33	12/15/16 16:18	
Carbon Disulfide	**25**	8.7	2.2	1.33	12/15/16 16:18	
Carbon Tetrachloride	8.7 U	8.7	1.6	1.33	12/15/16 16:18	
Chlorobenzene	**8.4 J**	8.7	0.51	1.33	12/15/16 16:18	
Chloroethane	8.7 U	8.7	5.0	1.33	12/15/16 16:18	
Chloroform	8.7 U	8.7	2.2	1.33	12/15/16 16:18	
Chloromethane	8.7 U	8.7	0.70	1.33	12/15/16 16:18	
Cyclohexane	**5.0 J**	8.7	2.4	1.33	12/15/16 16:18	
Dibromochloromethane	8.7 U	8.7	1.3	1.33	12/15/16 16:18	
Dichlorodifluoromethane (CFC 12)	8.7 U	8.7	3.3	1.33	12/15/16 16:18	
Dichloromethane	**1.1 BJ**	8.7	1.0	1.33	12/15/16 16:18	
Ethylbenzene	**610 E**	8.7	0.40	1.33	12/15/16 16:18	
Isopropylbenzene (Cumene)	**60**	8.7	1.2	1.33	12/15/16 16:18	
Methyl Acetate	**10**	8.7	3.1	1.33	12/15/16 16:18	
Methyl tert-Butyl Ether	8.7 U	8.7	1.7	1.33	12/15/16 16:18	
Methylcyclohexane	**5.7 J**	8.7	2.1	1.33	12/15/16 16:18	
Styrene	**54**	8.7	0.53	1.33	12/15/16 16:18	
Tetrachloroethene (PCE)	8.7 U	8.7	1.6	1.33	12/15/16 16:18	
Toluene	**92**	8.7	1.8	1.33	12/15/16 16:18	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Units:**	ug/Kg
Lab Code:	R1613026-009	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	8.7 U	8.7	1.8	1.33	12/15/16 16:18	
Trichlorofluoromethane (CFC 11)	**29**	8.7	1.2	1.33	12/15/16 16:18	
Vinyl Chloride	8.7 U	8.7	3.2	1.33	12/15/16 16:18	
cis-1,2-Dichloroethene	8.7 U	8.7	1.7	1.33	12/15/16 16:18	
cis-1,3-Dichloropropene	8.7 U	8.7	1.6	1.33	12/15/16 16:18	
m,p-Xylenes	**260**	17	1.9	1.33	12/15/16 16:18	
o-Xylene	**300**	8.7	0.84	1.33	12/15/16 16:18	
trans-1,2-Dichloroethene	8.7 U	8.7	1.5	1.33	12/15/16 16:18	
trans-1,3-Dichloropropene	8.7 U	8.7	0.35	1.33	12/15/16 16:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	43 *	51 - 136	12/15/16 16:18	*
Dibromofluoromethane	109	63 - 138	12/15/16 16:18	
Toluene-d8	82	66 - 138	12/15/16 16:18	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.10	420	J
000103-65-1	Benzene, propyl-	12.30	510	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.41	1100	JN
	unknown	12.43	580	J
000108-67-8	Benzene, 1,3,5-trimethyl-	12.51	840	JN
	unknown	12.54	290	J
000622-96-8	Benzene, 1-ethyl-4-methyl-	12.71	820	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	12.90	1800	JN
	unknown	12.96	410	J
000526-73-8	Benzene, 1,2,3-trimethyl-	13.32	1000	JN
000496-11-7	Indane	13.51	310	JN
001074-17-5	Benzene, 1-methyl-2-propyl-	13.84	290	JN
000527-84-4	Benzene, 1-methyl-2-(1-methylethyl	13.93	420	JN
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	13.96	350	JN
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	14.04	760	JN
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	14.34	290	JN
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	14.44	400	JN
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	14.49	640	JN
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	14.90	820	JN
	unknown	14.96	360	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Units:**	ug/Kg
Lab Code:	R1613026-009	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	610 U	610	89	93.0	12/16/16 17:08	
1,1,2,2-Tetrachloroethane	610 U	610	99	93.0	12/16/16 17:08	
1,1,2-Trichloroethane	610 U	610	89	93.0	12/16/16 17:08	
1,1,2-Trichloro-1,2,2-trifluoroethane	610 U	610	160	93.0	12/16/16 17:08	
1,1-Dichloroethane (1,1-DCA)	610 U	610	160	93.0	12/16/16 17:08	
1,1-Dichloroethene (1,1-DCE)	610 U	610	160	93.0	12/16/16 17:08	
1,2,3-Trichlorobenzene	610 U	610	76	93.0	12/16/16 17:08	
1,2,4-Trichlorobenzene	**130 J**	610	72	93.0	12/16/16 17:08	
1,2-Dibromo-3-chloropropane (DBCP)	610 U	610	230	93.0	12/16/16 17:08	
1,2-Dibromoethane	610 U	610	150	93.0	12/16/16 17:08	
1,2-Dichlorobenzene	610 U	610	75	93.0	12/16/16 17:08	
1,2-Dichloroethane	610 U	610	75	93.0	12/16/16 17:08	
1,2-Dichloropropane	610 U	610	120	93.0	12/16/16 17:08	
1,3-Dichlorobenzene	610 U	610	77	93.0	12/16/16 17:08	
1,4-Dichlorobenzene	**120 J**	610	69	93.0	12/16/16 17:08	
1,4-Dioxane	12000 U	12000	2400	93.0	12/16/16 17:08	
2-Butanone (MEK)	610 U	610	280	93.0	12/16/16 17:08	
2-Hexanone	610 U	610	150	93.0	12/16/16 17:08	
4-Methyl-2-pentanone	610 U	610	120	93.0	12/16/16 17:08	
Acetone	610 U	610	350	93.0	12/16/16 17:08	
Benzene	610 U	610	36	93.0	12/16/16 17:08	
Bromochloromethane	610 U	610	170	93.0	12/16/16 17:08	
Bromodichloromethane	610 U	610	75	93.0	12/16/16 17:08	
Bromoform	610 U	610	120	93.0	12/16/16 17:08	
Bromomethane	610 U	610	170	93.0	12/16/16 17:08	
Carbon Disulfide	610 U	610	160	93.0	12/16/16 17:08	
Carbon Tetrachloride	610 U	610	120	93.0	12/16/16 17:08	
Chlorobenzene	610 U	610	36	93.0	12/16/16 17:08	
Chloroethane	610 U	610	350	93.0	12/16/16 17:08	
Chloroform	610 U	610	160	93.0	12/16/16 17:08	
Chloromethane	610 U	610	49	93.0	12/16/16 17:08	
Cyclohexane	610 U	610	170	93.0	12/16/16 17:08	
Dibromochloromethane	610 U	610	89	93.0	12/16/16 17:08	
Dichlorodifluoromethane (CFC 12)	610 U	610	230	93.0	12/16/16 17:08	
Dichloromethane	610 U	610	70	93.0	12/16/16 17:08	
Ethylbenzene	**1400**	610	28	93.0	12/16/16 17:08	
Isopropylbenzene (Cumene)	**240 J**	610	82	93.0	12/16/16 17:08	
Methyl Acetate	**270 J**	610	220	93.0	12/16/16 17:08	
Methyl tert-Butyl Ether	610 U	610	120	93.0	12/16/16 17:08	
Methylcyclohexane	610 U	610	150	93.0	12/16/16 17:08	
Styrene	**170 J**	610	37	93.0	12/16/16 17:08	
Tetrachloroethene (PCE)	610 U	610	110	93.0	12/16/16 17:08	
Toluene	**230 J**	610	130	93.0	12/16/16 17:08	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Units:**	ug/Kg
Lab Code:	R1613026-009	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	610 U	610	130	93.0	12/16/16 17:08	
Trichlorofluoromethane (CFC 11)	610 U	610	81	93.0	12/16/16 17:08	
Vinyl Chloride	610 U	610	230	93.0	12/16/16 17:08	
cis-1,2-Dichloroethene	610 U	610	120	93.0	12/16/16 17:08	
cis-1,3-Dichloropropene	610 U	610	110	93.0	12/16/16 17:08	
m,p-Xylenes	**740 J**	1200	140	93.0	12/16/16 17:08	
o-Xylene	**740**	610	59	93.0	12/16/16 17:08	
trans-1,2-Dichloroethene	610 U	610	110	93.0	12/16/16 17:08	
trans-1,3-Dichloropropene	610 U	610	25	93.0	12/16/16 17:08	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	111	51 - 136	12/16/16 17:08	
Dibromofluoromethane	87	63 - 138	12/16/16 17:08	
Toluene-d8	107	66 - 138	12/16/16 17:08	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000620-14-4	Benzene, 1-ethyl-3-methyl-	11.33	850	JN
000108-67-8	Benzene, 1,3,5-trimethyl-	11.40	890	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	11.57	680	JN
000095-36-3	1,2,4-Trimethylbenzene	11.71	2500	JN
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	12.29	1300	JN
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	12.60	870	JN
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	12.91	940	JN
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	12.95	1200	JN
027133-93-3	2,3-Dihydro-1-methylindene	13.16	660	JN
002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	13.29	1600	JN
000091-20-3	Naphthalene	13.78	730	JN
	unknown	13.93	790	J
	unknown	14.22	830	J
000264-09-5	Benzocycloheptatriene	14.65	1000	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-19	**Units:**	ug/Kg
Lab Code:	R1613026-010	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.3	U	4.3	0.63	.69	12/15/16 16:42	
1,1,2,2-Tetrachloroethane	4.3	U	4.3	0.70	.69	12/15/16 16:42	
1,1,2-Trichloroethane	4.3	U	4.3	0.63	.69	12/15/16 16:42	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.3	U	4.3	1.1	.69	12/15/16 16:42	
1,1-Dichloroethane (1,1-DCA)	4.3	U	4.3	1.1	.69	12/15/16 16:42	
1,1-Dichloroethene (1,1-DCE)	4.3	U	4.3	1.1	.69	12/15/16 16:42	
1,2,3-Trichlorobenzene	4.3	U	4.3	0.54	.69	12/15/16 16:42	
1,2,4-Trichlorobenzene	4.3	U	4.3	0.51	.69	12/15/16 16:42	
1,2-Dibromo-3-chloropropane (DBCP)	4.3	U	4.3	1.7	.69	12/15/16 16:42	
1,2-Dibromoethane	4.3	U	4.3	1.1	.69	12/15/16 16:42	
1,2-Dichlorobenzene	4.3	U	4.3	0.53	.69	12/15/16 16:42	
1,2-Dichloroethane	4.3	U	4.3	0.53	.69	12/15/16 16:42	
1,2-Dichloropropane	4.3	U	4.3	0.84	.69	12/15/16 16:42	
1,3-Dichlorobenzene	4.3	U	4.3	0.55	.69	12/15/16 16:42	
1,4-Dichlorobenzene	4.3	U	4.3	0.49	.69	12/15/16 16:42	
1,4-Dioxane	86	U	86	17	.69	12/15/16 16:42	
2-Butanone (MEK)	**13**		4.3	2.0	.69	12/15/16 16:42	
2-Hexanone	4.3	U	4.3	1.1	.69	12/15/16 16:42	
4-Methyl-2-pentanone	4.3	U	4.3	0.85	.69	12/15/16 16:42	
Acetone	**130**		4.3	2.5	.69	12/15/16 16:42	
Benzene	**0.76**	**J**	4.3	0.25	.69	12/15/16 16:42	
Bromochloromethane	4.3	U	4.3	1.2	.69	12/15/16 16:42	
Bromodichloromethane	4.3	U	4.3	0.53	.69	12/15/16 16:42	
Bromoform	4.3	U	4.3	0.80	.69	12/15/16 16:42	
Bromomethane	4.3	U	4.3	1.2	.69	12/15/16 16:42	
Carbon Disulfide	4.3	U	4.3	1.1	.69	12/15/16 16:42	
Carbon Tetrachloride	4.3	U	4.3	0.79	.69	12/15/16 16:42	
Chlorobenzene	4.3	U	4.3	0.25	.69	12/15/16 16:42	
Chloroethane	4.3	U	4.3	2.5	.69	12/15/16 16:42	
Chloroform	4.3	U	4.3	1.1	.69	12/15/16 16:42	
Chloromethane	4.3	U	4.3	0.35	.69	12/15/16 16:42	
Cyclohexane	4.3	U	4.3	1.2	.69	12/15/16 16:42	
Dibromochloromethane	4.3	U	4.3	0.63	.69	12/15/16 16:42	
Dichlorodifluoromethane (CFC 12)	4.3	U	4.3	1.7	.69	12/15/16 16:42	
Dichloromethane	4.3	U	4.3	0.49	.69	12/15/16 16:42	
Ethylbenzene	**0.45**	**J**	4.3	0.20	.69	12/15/16 16:42	
Isopropylbenzene (Cumene)	**0.66**	**J**	4.3	0.58	.69	12/15/16 16:42	
Methyl Acetate	**37**		4.3	1.6	.69	12/15/16 16:42	
Methyl tert-Butyl Ether	**1.9**	**J**	4.3	0.81	.69	12/15/16 16:42	
Methylcyclohexane	4.3	U	4.3	1.1	.69	12/15/16 16:42	
Styrene	**0.77**	**J**	4.3	0.26	.69	12/15/16 16:42	
Tetrachloroethene (PCE)	4.3	U	4.3	0.76	.69	12/15/16 16:42	
Toluene	4.3	U	4.3	0.86	.69	12/15/16 16:42	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-19	**Units:**	ug/Kg
Lab Code:	R1613026-010	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.3 U	4.3	0.87	.69	12/15/16 16:42	
Trichlorofluoromethane (CFC 11)	4.3 U	4.3	0.57	.69	12/15/16 16:42	
Vinyl Chloride	4.3 U	4.3	1.6	.69	12/15/16 16:42	
cis-1,2-Dichloroethene	4.3 U	4.3	0.82	.69	12/15/16 16:42	
cis-1,3-Dichloropropene	4.3 U	4.3	0.78	.69	12/15/16 16:42	
m,p-Xylenes	**1.5 J**	8.6	0.94	.69	12/15/16 16:42	
o-Xylene	**1.6 J**	4.3	0.42	.69	12/15/16 16:42	
trans-1,2-Dichloroethene	4.3 U	4.3	0.74	.69	12/15/16 16:42	
trans-1,3-Dichloropropene	4.3 U	4.3	0.18	.69	12/15/16 16:42	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	51 - 136	12/15/16 16:42	
Dibromofluoromethane	95	63 - 138	12/15/16 16:42	
Toluene-d8	102	66 - 138	12/15/16 16:42	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	27	JN
	unknown	10.13	6.0	J
002216-34-4	Octane, 4-methyl-	10.48	6.5	JN
	unknown	12.10	4.4	J
001014-60-4	Benzene, 1,3-bis(1,1-dimethylethyl	15.80	4.9	JN
	unknown	2.35	4.9	J
000763-29-1	1-Pentene, 2-methyl-	2.65	24	JN
000110-54-3	Hexane	2.76	7.1	JN
	unknown	3.45	17	J
	unknown	9.64	13	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-7	**Units:**	ug/Kg
Lab Code:	R1613026-011	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.6 U	5.6	0.82	.98	12/15/16 17:06	
1,1,2,2-Tetrachloroethane	5.6 U	5.6	0.91	.98	12/15/16 17:06	
1,1,2-Trichloroethane	5.6 U	5.6	0.82	.98	12/15/16 17:06	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.6 U	5.6	1.4	.98	12/15/16 17:06	
1,1-Dichloroethane (1,1-DCA)	5.6 U	5.6	1.4	.98	12/15/16 17:06	
1,1-Dichloroethene (1,1-DCE)	5.6 U	5.6	1.5	.98	12/15/16 17:06	
1,2,3-Trichlorobenzene	5.6 U	5.6	0.69	.98	12/15/16 17:06	
1,2,4-Trichlorobenzene	5.6 U	5.6	0.66	.98	12/15/16 17:06	
1,2-Dibromo-3-chloropropane (DBCP)	5.6 U	5.6	2.1	.98	12/15/16 17:06	
1,2-Dibromoethane	5.6 U	5.6	1.4	.98	12/15/16 17:06	
1,2-Dichlorobenzene	5.6 U	5.6	0.68	.98	12/15/16 17:06	
1,2-Dichloroethane	5.6 U	5.6	0.68	.98	12/15/16 17:06	
1,2-Dichloropropane	5.6 U	5.6	1.1	.98	12/15/16 17:06	
1,3-Dichlorobenzene	5.6 U	5.6	0.71	.98	12/15/16 17:06	
1,4-Dichlorobenzene	5.6 U	5.6	0.63	.98	12/15/16 17:06	
1,4-Dioxane	110 U	110	22	.98	12/15/16 17:06	
2-Butanone (MEK)	**18**	5.6	2.6	.98	12/15/16 17:06	
2-Hexanone	5.6 U	5.6	1.4	.98	12/15/16 17:06	
4-Methyl-2-pentanone	5.6 U	5.6	1.1	.98	12/15/16 17:06	
Acetone	**140**	5.6	3.2	.98	12/15/16 17:06	
Benzene	**1.7 J**	5.6	0.33	.98	12/15/16 17:06	
Bromochloromethane	5.6 U	5.6	1.6	.98	12/15/16 17:06	
Bromodichloromethane	5.6 U	5.6	0.68	.98	12/15/16 17:06	
Bromoform	5.6 U	5.6	1.1	.98	12/15/16 17:06	
Bromomethane	5.6 U	5.6	1.6	.98	12/15/16 17:06	
Carbon Disulfide	5.6 U	5.6	1.4	.98	12/15/16 17:06	
Carbon Tetrachloride	5.6 U	5.6	1.1	.98	12/15/16 17:06	
Chlorobenzene	5.6 U	5.6	0.33	.98	12/15/16 17:06	
Chloroethane	5.6 U	5.6	3.2	.98	12/15/16 17:06	
Chloroform	5.6 U	5.6	1.5	.98	12/15/16 17:06	
Chloromethane	5.6 U	5.6	0.45	.98	12/15/16 17:06	
Cyclohexane	5.6 U	5.6	1.6	.98	12/15/16 17:06	
Dibromochloromethane	5.6 U	5.6	0.82	.98	12/15/16 17:06	
Dichlorodifluoromethane (CFC 12)	5.6 U	5.6	2.2	.98	12/15/16 17:06	
Dichloromethane	**2.2 BJ**	5.6	0.64	.98	12/15/16 17:06	
Ethylbenzene	**12**	5.6	0.26	.98	12/15/16 17:06	
Isopropylbenzene (Cumene)	**17**	5.6	0.75	.98	12/15/16 17:06	
Methyl Acetate	**13**	5.6	2.0	.98	12/15/16 17:06	
Methyl tert-Butyl Ether	5.6 U	5.6	1.1	.98	12/15/16 17:06	
Methylcyclohexane	5.6 U	5.6	1.4	.98	12/15/16 17:06	
Styrene	5.6 U	5.6	0.34	.98	12/15/16 17:06	
Tetrachloroethene (PCE)	5.6 U	5.6	0.98	.98	12/15/16 17:06	
Toluene	**1.5 J**	5.6	1.2	.98	12/15/16 17:06	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-7	**Units:**	ug/Kg
Lab Code:	R1613026-011	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.6 U	5.6	1.2	.98	12/15/16 17:06	
Trichlorofluoromethane (CFC 11)	5.6 U	5.6	0.74	.98	12/15/16 17:06	
Vinyl Chloride	5.6 U	5.6	2.1	.98	12/15/16 17:06	
cis-1,2-Dichloroethene	5.6 U	5.6	1.1	.98	12/15/16 17:06	
cis-1,3-Dichloropropene	5.6 U	5.6	1.1	.98	12/15/16 17:06	
m,p-Xylenes	**8.7 J**	11	1.3	.98	12/15/16 17:06	
o-Xylene	**6.6**	5.6	0.54	.98	12/15/16 17:06	
trans-1,2-Dichloroethene	5.6 U	5.6	0.96	.98	12/15/16 17:06	
trans-1,3-Dichloropropene	5.6 U	5.6	0.23	.98	12/15/16 17:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	51 - 136	12/15/16 17:06	
Dibromofluoromethane	92	63 - 138	12/15/16 17:06	
Toluene-d8	97	66 - 138	12/15/16 17:06	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	11	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	12.90	6.6	JN
000763-29-1	1-Pentene, 2-methyl-	2.65	9.5	JN
	unknown	3.45	6.2	J
	unknown	9.64	7.7	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 11:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-14	**Units:**	ug/Kg
Lab Code:	R1613026-012	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.5	U	4.5	0.66	.84	12/15/16 17:30	
1,1,2,2-Tetrachloroethane	4.5	U	4.5	0.73	.84	12/15/16 17:30	
1,1,2-Trichloroethane	4.5	U	4.5	0.66	.84	12/15/16 17:30	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.5	U	4.5	1.2	.84	12/15/16 17:30	
1,1-Dichloroethane (1,1-DCA)	4.5	U	4.5	1.2	.84	12/15/16 17:30	
1,1-Dichloroethene (1,1-DCE)	4.5	U	4.5	1.2	.84	12/15/16 17:30	
1,2,3-Trichlorobenzene	4.5	U	4.5	0.56	.84	12/15/16 17:30	
1,2,4-Trichlorobenzene	4.5	U	4.5	0.53	.84	12/15/16 17:30	
1,2-Dibromo-3-chloropropane (DBCP)	4.5	U	4.5	1.7	.84	12/15/16 17:30	
1,2-Dibromoethane	4.5	U	4.5	1.1	.84	12/15/16 17:30	
1,2-Dichlorobenzene	4.5	U	4.5	0.55	.84	12/15/16 17:30	
1,2-Dichloroethane	4.5	U	4.5	0.55	.84	12/15/16 17:30	
1,2-Dichloropropane	4.5	U	4.5	0.88	.84	12/15/16 17:30	
1,3-Dichlorobenzene	4.5	U	4.5	0.57	.84	12/15/16 17:30	
1,4-Dichlorobenzene	4.5	U	4.5	0.51	.84	12/15/16 17:30	
1,4-Dioxane	90	U	90	18	.84	12/15/16 17:30	
2-Butanone (MEK)	**6.4**		4.5	2.1	.84	12/15/16 17:30	
2-Hexanone	4.5	U	4.5	1.1	.84	12/15/16 17:30	
4-Methyl-2-pentanone	4.5	U	4.5	0.88	.84	12/15/16 17:30	
Acetone	**170**		4.5	2.6	.84	12/15/16 17:30	
Benzene	4.5	U	4.5	0.27	.84	12/15/16 17:30	
Bromochloromethane	4.5	U	4.5	1.3	.84	12/15/16 17:30	
Bromodichloromethane	4.5	U	4.5	0.55	.84	12/15/16 17:30	
Bromoform	4.5	U	4.5	0.84	.84	12/15/16 17:30	
Bromomethane	4.5	U	4.5	1.3	.84	12/15/16 17:30	
Carbon Disulfide	4.5	U	4.5	1.2	.84	12/15/16 17:30	
Carbon Tetrachloride	4.5	U	4.5	0.83	.84	12/15/16 17:30	
Chlorobenzene	4.5	U	4.5	0.27	.84	12/15/16 17:30	
Chloroethane	4.5	U	4.5	2.6	.84	12/15/16 17:30	
Chloroform	4.5	U	4.5	1.2	.84	12/15/16 17:30	
Chloromethane	4.5	U	4.5	0.36	.84	12/15/16 17:30	
Cyclohexane	4.5	U	4.5	1.3	.84	12/15/16 17:30	
Dibromochloromethane	4.5	U	4.5	0.66	.84	12/15/16 17:30	
Dichlorodifluoromethane (CFC 12)	4.5	U	4.5	1.7	.84	12/15/16 17:30	
Dichloromethane	**1.1**	**BJ**	4.5	0.52	.84	12/15/16 17:30	
Ethylbenzene	4.5	U	4.5	0.21	.84	12/15/16 17:30	
Isopropylbenzene (Cumene)	4.5	U	4.5	0.61	.84	12/15/16 17:30	
Methyl Acetate	**6.4**		4.5	1.6	.84	12/15/16 17:30	
Methyl tert-Butyl Ether	**1.4**	**J**	4.5	0.85	.84	12/15/16 17:30	
Methylcyclohexane	4.5	U	4.5	1.1	.84	12/15/16 17:30	
Styrene	4.5	U	4.5	0.27	.84	12/15/16 17:30	
Tetrachloroethene (PCE)	4.5	U	4.5	0.79	.84	12/15/16 17:30	
Toluene	4.5	U	4.5	0.90	.84	12/15/16 17:30	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 11:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-14	**Units:**	ug/Kg
Lab Code:	R1613026-012	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.5 U	4.5	0.91	.84	12/15/16 17:30	
Trichlorofluoromethane (CFC 11)	4.5 U	4.5	0.60	.84	12/15/16 17:30	
Vinyl Chloride	4.5 U	4.5	1.7	.84	12/15/16 17:30	
cis-1,2-Dichloroethene	4.5 U	4.5	0.86	.84	12/15/16 17:30	
cis-1,3-Dichloropropene	4.5 U	4.5	0.81	.84	12/15/16 17:30	
m,p-Xylenes	9.0 U	9.0	0.98	.84	12/15/16 17:30	
o-Xylene	4.5 U	4.5	0.44	.84	12/15/16 17:30	
trans-1,2-Dichloroethene	4.5 U	4.5	0.78	.84	12/15/16 17:30	
trans-1,3-Dichloropropene	4.5 U	4.5	0.18	.84	12/15/16 17:30	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	51 - 136	12/15/16 17:30	
Dibromofluoromethane	97	63 - 138	12/15/16 17:30	
Toluene-d8	102	66 - 138	12/15/16 17:30	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	12	JN
	unknown	12.10	19	J
000763-29-1	1-Pentene, 2-methyl-	2.65	9.7	JN
	unknown	3.45	7.3	J
	unknown	9.64	5.9	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Units:**	ug/Kg
Lab Code:	R1613026-013	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.7 U	5.7	0.84	.98	12/15/16 17:54	
1,1,2,2-Tetrachloroethane	5.7 U	5.7	0.94	.98	12/15/16 17:54	
1,1,2-Trichloroethane	5.7 U	5.7	0.84	.98	12/15/16 17:54	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.7 U	5.7	1.5	.98	12/15/16 17:54	
1,1-Dichloroethane (1,1-DCA)	5.7 U	5.7	1.5	.98	12/15/16 17:54	
1,1-Dichloroethene (1,1-DCE)	5.7 U	5.7	1.5	.98	12/15/16 17:54	
1,2,3-Trichlorobenzene	5.7 U	5.7	0.72	.98	12/15/16 17:54	
1,2,4-Trichlorobenzene	5.7 U	5.7	0.68	.98	12/15/16 17:54	
1,2-Dibromo-3-chloropropane (DBCP)	5.7 U	5.7	2.2	.98	12/15/16 17:54	
1,2-Dibromoethane	5.7 U	5.7	1.4	.98	12/15/16 17:54	
1,2-Dichlorobenzene	5.7 U	5.7	0.71	.98	12/15/16 17:54	
1,2-Dichloroethane	5.7 U	5.7	0.71	.98	12/15/16 17:54	
1,2-Dichloropropane	5.7 U	5.7	1.2	.98	12/15/16 17:54	
1,3-Dichlorobenzene	5.7 U	5.7	0.73	.98	12/15/16 17:54	
1,4-Dichlorobenzene	5.7 U	5.7	0.65	.98	12/15/16 17:54	
1,4-Dioxane	110 U	110	22	.98	12/15/16 17:54	
2-Butanone (MEK)	**7.4**	5.7	2.7	.98	12/15/16 17:54	
2-Hexanone	5.7 U	5.7	1.4	.98	12/15/16 17:54	
4-Methyl-2-pentanone	5.7 U	5.7	1.2	.98	12/15/16 17:54	
Acetone	**88**	5.7	3.3	.98	12/15/16 17:54	
Benzene	5.7 U	5.7	0.34	.98	12/15/16 17:54	
Bromochloromethane	5.7 U	5.7	1.6	.98	12/15/16 17:54	
Bromodichloromethane	5.7 U	5.7	0.71	.98	12/15/16 17:54	
Bromoform	5.7 U	5.7	1.1	.98	12/15/16 17:54	
Bromomethane	5.7 U	5.7	1.6	.98	12/15/16 17:54	
Carbon Disulfide	5.7 U	5.7	1.5	.98	12/15/16 17:54	
Carbon Tetrachloride	5.7 U	5.7	1.1	.98	12/15/16 17:54	
Chlorobenzene	5.7 U	5.7	0.34	.98	12/15/16 17:54	
Chloroethane	5.7 U	5.7	3.3	.98	12/15/16 17:54	
Chloroform	5.7 U	5.7	1.5	.98	12/15/16 17:54	
Chloromethane	5.7 U	5.7	0.46	.98	12/15/16 17:54	
Cyclohexane	5.7 U	5.7	1.6	.98	12/15/16 17:54	
Dibromochloromethane	5.7 U	5.7	0.84	.98	12/15/16 17:54	
Dichlorodifluoromethane (CFC 12)	5.7 U	5.7	2.2	.98	12/15/16 17:54	
Dichloromethane	**0.82 BJ**	5.7	0.66	.98	12/15/16 17:54	
Ethylbenzene	5.7 U	5.7	0.27	.98	12/15/16 17:54	
Isopropylbenzene (Cumene)	5.7 U	5.7	0.77	.98	12/15/16 17:54	
Methyl Acetate	**2.1 J**	5.7	2.1	.98	12/15/16 17:54	
Methyl tert-Butyl Ether	5.7 U	5.7	1.1	.98	12/15/16 17:54	
Methylcyclohexane	5.7 U	5.7	1.4	.98	12/15/16 17:54	
Styrene	5.7 U	5.7	0.35	.98	12/15/16 17:54	
Tetrachloroethene (PCE)	5.7 U	5.7	1.1	.98	12/15/16 17:54	
Toluene	5.7 U	5.7	1.2	.98	12/15/16 17:54	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Units:**	ug/Kg
Lab Code:	R1613026-013	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.7 U	5.7	1.2	.98	12/15/16 17:54	
Trichlorofluoromethane (CFC 11)	5.7 U	5.7	0.76	.98	12/15/16 17:54	
Vinyl Chloride	5.7 U	5.7	2.2	.98	12/15/16 17:54	
cis-1,2-Dichloroethene	5.7 U	5.7	1.1	.98	12/15/16 17:54	
cis-1,3-Dichloropropene	5.7 U	5.7	1.1	.98	12/15/16 17:54	
m,p-Xylenes	11 U	11	1.3	.98	12/15/16 17:54	
o-Xylene	5.7 U	5.7	0.56	.98	12/15/16 17:54	
trans-1,2-Dichloroethene	5.7 U	5.7	0.99	.98	12/15/16 17:54	
trans-1,3-Dichloropropene	5.7 U	5.7	0.23	.98	12/15/16 17:54	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	45 *	51 - 136	12/15/16 17:54	*
Dibromofluoromethane	93	63 - 138	12/15/16 17:54	
Toluene-d8	86	66 - 138	12/15/16 17:54	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.10	65	J
	unknown	12.25	6.1	J
	unknown	12.29	15	J
	unknown	12.45	7.5	J
	unknown	12.56	10	J
	unknown	12.60	6.2	J
	unknown	12.94	19	J
	unknown	13.16	19	J
	unknown	13.36	7.9	J
	unknown	13.41	8.5	J
	unknown	13.89	6.8	J
	unknown	14.35	6.9	J
001014-60-4	Benzene, 1,3-bis(1,1-dimethylethyl	15.80	7.5	JN
	unknown	16.13	6.1	J
000087-44-5	Caryophyllene	17.68	17	JN
	unknown	17.95	7.5	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Units:**	ug/Kg
Lab Code:	R1613026-013	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	6.9 U	6.9	1.1	1.18	12/19/16 14:50	
1,1,2,2-Tetrachloroethane	6.9 U	6.9	1.2	1.18	12/19/16 14:50	
1,1,2-Trichloroethane	6.9 U	6.9	1.1	1.18	12/19/16 14:50	
1,1,2-Trichloro-1,2,2-trifluoroethane	6.9 U	6.9	1.8	1.18	12/19/16 14:50	
1,1-Dichloroethane (1,1-DCA)	6.9 U	6.9	1.8	1.18	12/19/16 14:50	
1,1-Dichloroethene (1,1-DCE)	6.9 U	6.9	1.8	1.18	12/19/16 14:50	
1,2,3-Trichlorobenzene	6.9 U	6.9	0.86	1.18	12/19/16 14:50	
1,2,4-Trichlorobenzene	6.9 U	6.9	0.82	1.18	12/19/16 14:50	
1,2-Dibromo-3-chloropropane (DBCP)	6.9 U	6.9	2.6	1.18	12/19/16 14:50	
1,2-Dibromoethane	6.9 U	6.9	1.7	1.18	12/19/16 14:50	
1,2-Dichlorobenzene	6.9 U	6.9	0.85	1.18	12/19/16 14:50	
1,2-Dichloroethane	6.9 U	6.9	0.85	1.18	12/19/16 14:50	
1,2-Dichloropropane	6.9 U	6.9	1.4	1.18	12/19/16 14:50	
1,3-Dichlorobenzene	6.9 U	6.9	0.88	1.18	12/19/16 14:50	
1,4-Dichlorobenzene	6.9 U	6.9	0.78	1.18	12/19/16 14:50	
1,4-Dioxane	140 U	140	27	1.18	12/19/16 14:50	
2-Butanone (MEK)	**4.8 J**	6.9	3.2	1.18	12/19/16 14:50	
2-Hexanone	6.9 U	6.9	1.7	1.18	12/19/16 14:50	
4-Methyl-2-pentanone	6.9 U	6.9	1.4	1.18	12/19/16 14:50	
Acetone	**40**	6.9	3.9	1.18	12/19/16 14:50	
Benzene	6.9 U	6.9	0.41	1.18	12/19/16 14:50	
Bromochloromethane	6.9 U	6.9	1.9	1.18	12/19/16 14:50	
Bromodichloromethane	6.9 U	6.9	0.85	1.18	12/19/16 14:50	
Bromoform	6.9 U	6.9	1.3	1.18	12/19/16 14:50	
Bromomethane	6.9 U	6.9	2.0	1.18	12/19/16 14:50	
Carbon Disulfide	6.9 U	6.9	1.8	1.18	12/19/16 14:50	
Carbon Tetrachloride	6.9 U	6.9	1.3	1.18	12/19/16 14:50	
Chlorobenzene	6.9 U	6.9	0.41	1.18	12/19/16 14:50	
Chloroethane	6.9 U	6.9	4.0	1.18	12/19/16 14:50	
Chloroform	6.9 U	6.9	1.8	1.18	12/19/16 14:50	
Chloromethane	6.9 U	6.9	0.56	1.18	12/19/16 14:50	
Cyclohexane	6.9 U	6.9	2.0	1.18	12/19/16 14:50	
Dibromochloromethane	6.9 U	6.9	1.1	1.18	12/19/16 14:50	
Dichlorodifluoromethane (CFC 12)	6.9 U	6.9	2.7	1.18	12/19/16 14:50	
Dichloromethane	6.9 U	6.9	0.79	1.18	12/19/16 14:50	
Ethylbenzene	6.9 U	6.9	0.32	1.18	12/19/16 14:50	
Isopropylbenzene (Cumene)	6.9 U	6.9	0.93	1.18	12/19/16 14:50	
Methyl Acetate	6.9 U	6.9	2.5	1.18	12/19/16 14:50	
Methyl tert-Butyl Ether	6.9 U	6.9	1.4	1.18	12/19/16 14:50	
Methylcyclohexane	6.9 U	6.9	1.7	1.18	12/19/16 14:50	
Styrene	6.9 U	6.9	0.42	1.18	12/19/16 14:50	
Tetrachloroethene (PCE)	6.9 U	6.9	1.3	1.18	12/19/16 14:50	
Toluene	6.9 U	6.9	1.4	1.18	12/19/16 14:50	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Units:**	ug/Kg
Lab Code:	R1613026-013	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	6.9 U	6.9	1.4	1.18	12/19/16 14:50	
Trichlorofluoromethane (CFC 11)	6.9 U	6.9	0.92	1.18	12/19/16 14:50	
Vinyl Chloride	6.9 U	6.9	2.6	1.18	12/19/16 14:50	
cis-1,2-Dichloroethene	6.9 U	6.9	1.4	1.18	12/19/16 14:50	
cis-1,3-Dichloropropene	6.9 U	6.9	1.3	1.18	12/19/16 14:50	
m,p-Xylenes	14 U	14	1.6	1.18	12/19/16 14:50	
o-Xylene	6.9 U	6.9	0.67	1.18	12/19/16 14:50	
trans-1,2-Dichloroethene	6.9 U	6.9	1.2	1.18	12/19/16 14:50	
trans-1,3-Dichloropropene	6.9 U	6.9	0.28	1.18	12/19/16 14:50	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	48 *	51 - 136	12/19/16 14:50	*
Dibromofluoromethane	100	63 - 138	12/19/16 14:50	
Toluene-d8	88	66 - 138	12/19/16 14:50	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.10	21	J
	unknown	13.16	7.0	J
000087-44-5	Caryophyllene	17.67	7.6	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-9	**Units:**	ug/Kg
Lab Code:	R1613026-014	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.1 U	4.1	0.60	.72	12/15/16 18:18	
1,1,2,2-Tetrachloroethane	4.1 U	4.1	0.67	.72	12/15/16 18:18	
1,1,2-Trichloroethane	4.1 U	4.1	0.60	.72	12/15/16 18:18	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.1 U	4.1	1.1	.72	12/15/16 18:18	
1,1-Dichloroethane (1,1-DCA)	4.1 U	4.1	1.1	.72	12/15/16 18:18	
1,1-Dichloroethene (1,1-DCE)	4.1 U	4.1	1.1	.72	12/15/16 18:18	
1,2,3-Trichlorobenzene	4.1 U	4.1	0.51	.72	12/15/16 18:18	
1,2,4-Trichlorobenzene	4.1 U	4.1	0.49	.72	12/15/16 18:18	
1,2-Dibromo-3-chloropropane (DBCP)	4.1 U	4.1	1.6	.72	12/15/16 18:18	
1,2-Dibromoethane	4.1 U	4.1	1.0	.72	12/15/16 18:18	
1,2-Dichlorobenzene	4.1 U	4.1	0.51	.72	12/15/16 18:18	
1,2-Dichloroethane	4.1 U	4.1	0.51	.72	12/15/16 18:18	
1,2-Dichloropropane	4.1 U	4.1	0.80	.72	12/15/16 18:18	
1,3-Dichlorobenzene	**0.57 J**	4.1	0.52	.72	12/15/16 18:18	
1,4-Dichlorobenzene	**1.4 J**	4.1	0.46	.72	12/15/16 18:18	
1,4-Dioxane	82 U	82	16	.72	12/15/16 18:18	
2-Butanone (MEK)	**12**	4.1	1.9	.72	12/15/16 18:18	
2-Hexanone	4.1 U	4.1	1.0	.72	12/15/16 18:18	
4-Methyl-2-pentanone	4.1 U	4.1	0.81	.72	12/15/16 18:18	
Acetone	**87**	4.1	2.4	.72	12/15/16 18:18	
Benzene	**1.9 J**	4.1	0.24	.72	12/15/16 18:18	
Bromochloromethane	4.1 U	4.1	1.2	.72	12/15/16 18:18	
Bromodichloromethane	4.1 U	4.1	0.51	.72	12/15/16 18:18	
Bromoform	4.1 U	4.1	0.77	.72	12/15/16 18:18	
Bromomethane	4.1 U	4.1	1.2	.72	12/15/16 18:18	
Carbon Disulfide	4.1 U	4.1	1.1	.72	12/15/16 18:18	
Carbon Tetrachloride	4.1 U	4.1	0.76	.72	12/15/16 18:18	
Chlorobenzene	4.1 U	4.1	0.24	.72	12/15/16 18:18	
Chloroethane	4.1 U	4.1	2.4	.72	12/15/16 18:18	
Chloroform	4.1 U	4.1	1.1	.72	12/15/16 18:18	
Chloromethane	4.1 U	4.1	0.33	.72	12/15/16 18:18	
Cyclohexane	4.1 U	4.1	1.2	.72	12/15/16 18:18	
Dibromochloromethane	4.1 U	4.1	0.60	.72	12/15/16 18:18	
Dichlorodifluoromethane (CFC 12)	4.1 U	4.1	1.6	.72	12/15/16 18:18	
Dichloromethane	**2.2 BJ**	4.1	0.47	.72	12/15/16 18:18	
Ethylbenzene	**8.5**	4.1	0.19	.72	12/15/16 18:18	
Isopropylbenzene (Cumene)	**6.1**	4.1	0.56	.72	12/15/16 18:18	
Methyl Acetate	**4.4**	4.1	1.5	.72	12/15/16 18:18	
Methyl tert-Butyl Ether	4.1 U	4.1	0.78	.72	12/15/16 18:18	
Methylcyclohexane	4.1 U	4.1	0.99	.72	12/15/16 18:18	
Styrene	4.1 U	4.1	0.25	.72	12/15/16 18:18	
Tetrachloroethene (PCE)	4.1 U	4.1	0.73	.72	12/15/16 18:18	
Toluene	**1.1 J**	4.1	0.83	.72	12/15/16 18:18	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-9	**Units:**	ug/Kg
Lab Code:	R1613026-014	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.1 U	4.1	0.83	.72	12/15/16 18:18	
Trichlorofluoromethane (CFC 11)	4.1 U	4.1	0.55	.72	12/15/16 18:18	
Vinyl Chloride	4.1 U	4.1	1.6	.72	12/15/16 18:18	
cis-1,2-Dichloroethene	4.1 U	4.1	0.78	.72	12/15/16 18:18	
cis-1,3-Dichloropropene	4.1 U	4.1	0.74	.72	12/15/16 18:18	
m,p-Xylenes	**6.2 J**	8.2	0.90	.72	12/15/16 18:18	
o-Xylene	**5.0**	4.1	0.40	.72	12/15/16 18:18	
trans-1,2-Dichloroethene	4.1 U	4.1	0.71	.72	12/15/16 18:18	
trans-1,3-Dichloropropene	4.1 U	4.1	0.17	.72	12/15/16 18:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	51 - 136	12/15/16 18:18	
Dibromofluoromethane	96	63 - 138	12/15/16 18:18	
Toluene-d8	100	66 - 138	12/15/16 18:18	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	0.91	7.3	J
000115-11-7	1-Propene, 2-methyl-	1.08	5.2	JN
000622-96-8	Benzene, 1-ethyl-4-methyl-	12.41	5.6	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.71	4.2	JN
000095-36-3	1,2,4-Trimethylbenzene	12.90	10	JN
000526-73-8	Benzene, 1,2,3-trimethyl-	13.32	5.5	JN
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	14.49	5.5	JN
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	14.90	5.4	JN
000091-20-3	Naphthalene	15.51	4.1	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Units:**	ug/Kg
Lab Code:	R1613026-015	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	8.2	U	8.2	1.2	1.3	12/15/16 18:42	
1,1,2,2-Tetrachloroethane	8.2	U	8.2	1.4	1.3	12/15/16 18:42	
1,1,2-Trichloroethane	8.2	U	8.2	1.2	1.3	12/15/16 18:42	
1,1,2-Trichloro-1,2,2-trifluoroethane	8.2	U	8.2	2.1	1.3	12/15/16 18:42	
1,1-Dichloroethane (1,1-DCA)	8.2	U	8.2	2.1	1.3	12/15/16 18:42	
1,1-Dichloroethene (1,1-DCE)	8.2	U	8.2	2.2	1.3	12/15/16 18:42	
1,2,3-Trichlorobenzene	8.2	U	8.2	1.1	1.3	12/15/16 18:42	
1,2,4-Trichlorobenzene	8.2	U	8.2	0.97	1.3	12/15/16 18:42	
1,2-Dibromo-3-chloropropane (DBCP)	8.2	U	8.2	3.1	1.3	12/15/16 18:42	
1,2-Dibromoethane	8.2	U	8.2	2.0	1.3	12/15/16 18:42	
1,2-Dichlorobenzene	8.2	U	8.2	1.1	1.3	12/15/16 18:42	
1,2-Dichloroethane	8.2	U	8.2	1.1	1.3	12/15/16 18:42	
1,2-Dichloropropane	8.2	U	8.2	1.6	1.3	12/15/16 18:42	
1,3-Dichlorobenzene	8.2	U	8.2	1.1	1.3	12/15/16 18:42	
1,4-Dichlorobenzene	8.2	U	8.2	0.93	1.3	12/15/16 18:42	
1,4-Dioxane	160	U	160	32	1.3	12/15/16 18:42	
2-Butanone (MEK)	**20**		8.2	3.8	1.3	12/15/16 18:42	
2-Hexanone	**11**		8.2	2.0	1.3	12/15/16 18:42	
4-Methyl-2-pentanone	8.2	U	8.2	1.7	1.3	12/15/16 18:42	
Acetone	**410**	**E**	8.2	4.7	1.3	12/15/16 18:42	
Benzene	8.2	U	8.2	0.48	1.3	12/15/16 18:42	
Bromochloromethane	8.2	U	8.2	2.3	1.3	12/15/16 18:42	
Bromodichloromethane	8.2	U	8.2	1.1	1.3	12/15/16 18:42	
Bromoform	8.2	U	8.2	1.6	1.3	12/15/16 18:42	
Bromomethane	8.2	U	8.2	2.3	1.3	12/15/16 18:42	
Carbon Disulfide	8.2	U	8.2	2.1	1.3	12/15/16 18:42	
Carbon Tetrachloride	8.2	U	8.2	1.6	1.3	12/15/16 18:42	
Chlorobenzene	8.2	U	8.2	0.48	1.3	12/15/16 18:42	
Chloroethane	8.2	U	8.2	4.8	1.3	12/15/16 18:42	
Chloroform	8.2	U	8.2	2.1	1.3	12/15/16 18:42	
Chloromethane	8.2	U	8.2	0.66	1.3	12/15/16 18:42	
Cyclohexane	8.2	U	8.2	2.3	1.3	12/15/16 18:42	
Dibromochloromethane	8.2	U	8.2	1.2	1.3	12/15/16 18:42	
Dichlorodifluoromethane (CFC 12)	8.2	U	8.2	3.2	1.3	12/15/16 18:42	
Dichloromethane	**3.6**	**BJ**	8.2	0.94	1.3	12/15/16 18:42	
Ethylbenzene	8.2	U	8.2	0.38	1.3	12/15/16 18:42	
Isopropylbenzene (Cumene)	8.2	U	8.2	1.2	1.3	12/15/16 18:42	
Methyl Acetate	**8.9**		8.2	2.9	1.3	12/15/16 18:42	
Methyl tert-Butyl Ether	**8.1**	**J**	8.2	1.6	1.3	12/15/16 18:42	
Methylcyclohexane	8.2	U	8.2	2.0	1.3	12/15/16 18:42	
Styrene	8.2	U	8.2	0.50	1.3	12/15/16 18:42	
Tetrachloroethene (PCE)	8.2	U	8.2	1.5	1.3	12/15/16 18:42	
Toluene	8.2	U	8.2	1.7	1.3	12/15/16 18:42	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Units:**	ug/Kg
Lab Code:	R1613026-015	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	8.2 U	8.2	1.7	1.3	12/15/16 18:42	
Trichlorofluoromethane (CFC 11)	8.2 U	8.2	1.1	1.3	12/15/16 18:42	
Vinyl Chloride	8.2 U	8.2	3.1	1.3	12/15/16 18:42	
cis-1,2-Dichloroethene	8.2 U	8.2	1.6	1.3	12/15/16 18:42	
cis-1,3-Dichloropropene	8.2 U	8.2	1.5	1.3	12/15/16 18:42	
m,p-Xylenes	16 U	16	1.8	1.3	12/15/16 18:42	
o-Xylene	8.2 U	8.2	0.79	1.3	12/15/16 18:42	
trans-1,2-Dichloroethene	8.2 U	8.2	1.5	1.3	12/15/16 18:42	
trans-1,3-Dichloropropene	8.2 U	8.2	0.33	1.3	12/15/16 18:42	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	62	51 - 136	12/15/16 18:42	
Dibromofluoromethane	101	63 - 138	12/15/16 18:42	
Toluene-d8	95	66 - 138	12/15/16 18:42	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	21	JN
000109-66-0	Pentane	1.56	72	JN
	unknown	10.12	11	J
002216-34-4	Octane, 4-methyl-	10.48	13	JN
	unknown	12.10	25	J
	unknown	12.95	9.1	J
	unknown	13.89	8.3	J
000087-44-5	Caryophyllene	17.68	14	JN
	unknown	2.35	32	J
000763-29-1	1-Pentene, 2-methyl-	2.65	61	JN
000110-54-3	Hexane	2.76	19	JN
	unknown	3.45	43	J
000560-21-4	Pentane, 2,3,3-trimethyl-	7.89	12	JN
000589-53-7	Heptane, 4-methyl-	8.24	11	JN
	unknown	9.64	37	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Units:**	ug/Kg
Lab Code:	R1613026-015	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	400	U	400	59	63.0	12/16/16 17:33	
1,1,2,2-Tetrachloroethane	400	U	400	65	63.0	12/16/16 17:33	
1,1,2-Trichloroethane	400	U	400	59	63.0	12/16/16 17:33	
1,1,2-Trichloro-1,2,2-trifluoroethane	400	U	400	99	63.0	12/16/16 17:33	
1,1-Dichloroethane (1,1-DCA)	400	U	400	100	63.0	12/16/16 17:33	
1,1-Dichloroethene (1,1-DCE)	400	U	400	110	63.0	12/16/16 17:33	
1,2,3-Trichlorobenzene	400	U	400	50	63.0	12/16/16 17:33	
1,2,4-Trichlorobenzene	400	U	400	47	63.0	12/16/16 17:33	
1,2-Dibromo-3-chloropropane (DBCP)	400	U	400	150	63.0	12/16/16 17:33	
1,2-Dibromoethane	400	U	400	97	63.0	12/16/16 17:33	
1,2-Dichlorobenzene	400	U	400	49	63.0	12/16/16 17:33	
1,2-Dichloroethane	400	U	400	49	63.0	12/16/16 17:33	
1,2-Dichloropropane	400	U	400	78	63.0	12/16/16 17:33	
1,3-Dichlorobenzene	400	U	400	51	63.0	12/16/16 17:33	
1,4-Dichlorobenzene	400	U	400	45	63.0	12/16/16 17:33	
1,4-Dioxane	8000	U	8000	1600	63.0	12/16/16 17:33	
2-Butanone (MEK)	400	U	400	190	63.0	12/16/16 17:33	
2-Hexanone	400	U	400	97	63.0	12/16/16 17:33	
4-Methyl-2-pentanone	400	U	400	79	63.0	12/16/16 17:33	
Acetone	400	U	400	230	63.0	12/16/16 17:33	
Benzene	400	U	400	24	63.0	12/16/16 17:33	
Bromochloromethane	400	U	400	110	63.0	12/16/16 17:33	
Bromodichloromethane	400	U	400	49	63.0	12/16/16 17:33	
Bromoform	400	U	400	75	63.0	12/16/16 17:33	
Bromomethane	400	U	400	110	63.0	12/16/16 17:33	
Carbon Disulfide	400	U	400	99	63.0	12/16/16 17:33	
Carbon Tetrachloride	400	U	400	74	63.0	12/16/16 17:33	
Chlorobenzene	400	U	400	24	63.0	12/16/16 17:33	
Chloroethane	400	U	400	230	63.0	12/16/16 17:33	
Chloroform	400	U	400	110	63.0	12/16/16 17:33	
Chloromethane	400	U	400	32	63.0	12/16/16 17:33	
Cyclohexane	400	U	400	110	63.0	12/16/16 17:33	
Dibromochloromethane	400	U	400	59	63.0	12/16/16 17:33	
Dichlorodifluoromethane (CFC 12)	400	U	400	160	63.0	12/16/16 17:33	
Dichloromethane	400	U	400	46	63.0	12/16/16 17:33	
Ethylbenzene	400	U	400	19	63.0	12/16/16 17:33	
Isopropylbenzene (Cumene)	400	U	400	54	63.0	12/16/16 17:33	
Methyl Acetate	**220**	**J**	400	140	63.0	12/16/16 17:33	
Methyl tert-Butyl Ether	400	U	400	75	63.0	12/16/16 17:33	
Methylcyclohexane	400	U	400	96	63.0	12/16/16 17:33	
Styrene	400	U	400	24	63.0	12/16/16 17:33	
Tetrachloroethene (PCE)	400	U	400	71	63.0	12/16/16 17:33	
Toluene	400	U	400	80	63.0	12/16/16 17:33	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Units:**	ug/Kg
Lab Code:	R1613026-015	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	400 U	400	81	63.0	12/16/16 17:33	
Trichlorofluoromethane (CFC 11)	400 U	400	53	63.0	12/16/16 17:33	
Vinyl Chloride	400 U	400	150	63.0	12/16/16 17:33	
cis-1,2-Dichloroethene	400 U	400	76	63.0	12/16/16 17:33	
cis-1,3-Dichloropropene	400 U	400	72	63.0	12/16/16 17:33	
m,p-Xylenes	800 U	800	87	63.0	12/16/16 17:33	
o-Xylene	400 U	400	39	63.0	12/16/16 17:33	
trans-1,2-Dichloroethene	400 U	400	69	63.0	12/16/16 17:33	
trans-1,3-Dichloropropene	400 U	400	16	63.0	12/16/16 17:33	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	109	51 - 136	12/16/16 17:33	
Dibromofluoromethane	88	63 - 138	12/16/16 17:33	
Toluene-d8	105	66 - 138	12/16/16 17:33	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-18	**Units:**	ug/Kg
Lab Code:	R1613026-016	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.5 U	4.5	0.67	.85	12/15/16 19:06	
1,1,2,2-Tetrachloroethane	4.5 U	4.5	0.74	.85	12/15/16 19:06	
1,1,2-Trichloroethane	4.5 U	4.5	0.67	.85	12/15/16 19:06	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.5 U	4.5	1.2	.85	12/15/16 19:06	
1,1-Dichloroethane (1,1-DCA)	4.5 U	4.5	1.2	.85	12/15/16 19:06	
1,1-Dichloroethene (1,1-DCE)	4.5 U	4.5	1.2	.85	12/15/16 19:06	
1,2,3-Trichlorobenzene	4.5 U	4.5	0.57	.85	12/15/16 19:06	
1,2,4-Trichlorobenzene	4.5 U	4.5	0.54	.85	12/15/16 19:06	
1,2-Dibromo-3-chloropropane (DBCP)	4.5 U	4.5	1.7	.85	12/15/16 19:06	
1,2-Dibromoethane	4.5 U	4.5	1.1	.85	12/15/16 19:06	
1,2-Dichlorobenzene	4.5 U	4.5	0.56	.85	12/15/16 19:06	
1,2-Dichloroethane	4.5 U	4.5	0.56	.85	12/15/16 19:06	
1,2-Dichloropropane	4.5 U	4.5	0.88	.85	12/15/16 19:06	
1,3-Dichlorobenzene	4.5 U	4.5	0.57	.85	12/15/16 19:06	
1,4-Dichlorobenzene	4.5 U	4.5	0.51	.85	12/15/16 19:06	
1,4-Dioxane	90 U	90	18	.85	12/15/16 19:06	
2-Butanone (MEK)	4.5 U	4.5	2.1	.85	12/15/16 19:06	
2-Hexanone	4.5 U	4.5	1.1	.85	12/15/16 19:06	
4-Methyl-2-pentanone	4.5 U	4.5	0.89	.85	12/15/16 19:06	
Acetone	**8.2**	4.5	2.6	.85	12/15/16 19:06	
Benzene	4.5 U	4.5	0.27	.85	12/15/16 19:06	
Bromochloromethane	4.5 U	4.5	1.3	.85	12/15/16 19:06	
Bromodichloromethane	4.5 U	4.5	0.56	.85	12/15/16 19:06	
Bromoform	4.5 U	4.5	0.85	.85	12/15/16 19:06	
Bromomethane	4.5 U	4.5	1.3	.85	12/15/16 19:06	
Carbon Disulfide	4.5 U	4.5	1.2	.85	12/15/16 19:06	
Carbon Tetrachloride	4.5 U	4.5	0.84	.85	12/15/16 19:06	
Chlorobenzene	4.5 U	4.5	0.27	.85	12/15/16 19:06	
Chloroethane	4.5 U	4.5	2.6	.85	12/15/16 19:06	
Chloroform	4.5 U	4.5	1.2	.85	12/15/16 19:06	
Chloromethane	4.5 U	4.5	0.37	.85	12/15/16 19:06	
Cyclohexane	4.5 U	4.5	1.3	.85	12/15/16 19:06	
Dibromochloromethane	4.5 U	4.5	0.67	.85	12/15/16 19:06	
Dichlorodifluoromethane (CFC 12)	4.5 U	4.5	1.8	.85	12/15/16 19:06	
Dichloromethane	**0.60 BJ**	4.5	0.52	.85	12/15/16 19:06	
Ethylbenzene	4.5 U	4.5	0.21	.85	12/15/16 19:06	
Isopropylbenzene (Cumene)	4.5 U	4.5	0.61	.85	12/15/16 19:06	
Methyl Acetate	**2.3 J**	4.5	1.6	.85	12/15/16 19:06	
Methyl tert-Butyl Ether	4.5 U	4.5	0.85	.85	12/15/16 19:06	
Methylcyclohexane	4.5 U	4.5	1.1	.85	12/15/16 19:06	
Styrene	4.5 U	4.5	0.28	.85	12/15/16 19:06	
Tetrachloroethene (PCE)	4.5 U	4.5	0.80	.85	12/15/16 19:06	
Toluene	4.5 U	4.5	0.91	.85	12/15/16 19:06	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-18	**Units:**	ug/Kg
Lab Code:	R1613026-016	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.5 U	4.5	0.92	.85	12/15/16 19:06	
Trichlorofluoromethane (CFC 11)	4.5 U	4.5	0.60	.85	12/15/16 19:06	
Vinyl Chloride	4.5 U	4.5	1.7	.85	12/15/16 19:06	
cis-1,2-Dichloroethene	4.5 U	4.5	0.86	.85	12/15/16 19:06	
cis-1,3-Dichloropropene	4.5 U	4.5	0.82	.85	12/15/16 19:06	
m,p-Xylenes	9.0 U	9.0	0.99	.85	12/15/16 19:06	
o-Xylene	4.5 U	4.5	0.44	.85	12/15/16 19:06	
trans-1,2-Dichloroethene	4.5 U	4.5	0.78	.85	12/15/16 19:06	
trans-1,3-Dichloropropene	4.5 U	4.5	0.19	.85	12/15/16 19:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	51 - 136	12/15/16 19:06	
Dibromofluoromethane	95	63 - 138	12/15/16 19:06	
Toluene-d8	101	66 - 138	12/15/16 19:06	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.10	13	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Units:**	ug/Kg
Lab Code:	R1613026-017	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	8.1 U	8.1	1.2	1.22	12/15/16 19:30	
1,1,2,2-Tetrachloroethane	8.1 U	8.1	1.4	1.22	12/15/16 19:30	
1,1,2-Trichloroethane	8.1 U	8.1	1.2	1.22	12/15/16 19:30	
1,1,2-Trichloro-1,2,2-trifluoroethane	8.1 U	8.1	2.1	1.22	12/15/16 19:30	
1,1-Dichloroethane (1,1-DCA)	8.1 U	8.1	2.1	1.22	12/15/16 19:30	
1,1-Dichloroethene (1,1-DCE)	8.1 U	8.1	2.1	1.22	12/15/16 19:30	
1,2,3-Trichlorobenzene	8.1 U	8.1	1.1	1.22	12/15/16 19:30	
1,2,4-Trichlorobenzene	8.1 U	8.1	0.96	1.22	12/15/16 19:30	
1,2-Dibromo-3-chloropropane (DBCP)	8.1 U	8.1	3.1	1.22	12/15/16 19:30	
1,2-Dibromoethane	8.1 U	8.1	2.0	1.22	12/15/16 19:30	
1,2-Dichlorobenzene	8.1 U	8.1	0.99	1.22	12/15/16 19:30	
1,2-Dichloroethane	8.1 U	8.1	0.99	1.22	12/15/16 19:30	
1,2-Dichloropropane	8.1 U	8.1	1.6	1.22	12/15/16 19:30	
1,3-Dichlorobenzene	8.1 U	8.1	1.1	1.22	12/15/16 19:30	
1,4-Dichlorobenzene	8.1 U	8.1	0.91	1.22	12/15/16 19:30	
1,4-Dioxane	160 U	160	32	1.22	12/15/16 19:30	
2-Butanone (MEK)	**19**	8.1	3.8	1.22	12/15/16 19:30	
2-Hexanone	8.1 U	8.1	2.0	1.22	12/15/16 19:30	
4-Methyl-2-pentanone	**5.5 J**	8.1	1.6	1.22	12/15/16 19:30	
Acetone	**230**	8.1	4.6	1.22	12/15/16 19:30	
Benzene	**1.5 J**	8.1	0.48	1.22	12/15/16 19:30	
Bromochloromethane	8.1 U	8.1	2.3	1.22	12/15/16 19:30	
Bromodichloromethane	8.1 U	8.1	0.99	1.22	12/15/16 19:30	
Bromoform	8.1 U	8.1	1.6	1.22	12/15/16 19:30	
Bromomethane	8.1 U	8.1	2.3	1.22	12/15/16 19:30	
Carbon Disulfide	8.1 U	8.1	2.1	1.22	12/15/16 19:30	
Carbon Tetrachloride	8.1 U	8.1	1.5	1.22	12/15/16 19:30	
Chlorobenzene	8.1 U	8.1	0.48	1.22	12/15/16 19:30	
Chloroethane	8.1 U	8.1	4.7	1.22	12/15/16 19:30	
Chloroform	8.1 U	8.1	2.1	1.22	12/15/16 19:30	
Chloromethane	8.1 U	8.1	0.65	1.22	12/15/16 19:30	
Cyclohexane	8.1 U	8.1	2.3	1.22	12/15/16 19:30	
Dibromochloromethane	8.1 U	8.1	1.2	1.22	12/15/16 19:30	
Dichlorodifluoromethane (CFC 12)	8.1 U	8.1	3.1	1.22	12/15/16 19:30	
Dichloromethane	8.1 U	8.1	0.93	1.22	12/15/16 19:30	
Ethylbenzene	**12**	8.1	0.38	1.22	12/15/16 19:30	
Isopropylbenzene (Cumene)	**8.1 J**	8.1	1.1	1.22	12/15/16 19:30	
Methyl Acetate	**11**	8.1	2.9	1.22	12/15/16 19:30	
Methyl tert-Butyl Ether	**6.5 J**	8.1	1.6	1.22	12/15/16 19:30	
Methylcyclohexane	8.1 U	8.1	2.0	1.22	12/15/16 19:30	
Styrene	**40**	8.1	0.49	1.22	12/15/16 19:30	
Tetrachloroethene (PCE)	8.1 U	8.1	1.5	1.22	12/15/16 19:30	
Toluene	**3.0 J**	8.1	1.7	1.22	12/15/16 19:30	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Units:**	ug/Kg
Lab Code:	R1613026-017	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	8.1 U	8.1	1.7	1.22	12/15/16 19:30	
Trichlorofluoromethane (CFC 11)	8.1 U	8.1	1.1	1.22	12/15/16 19:30	
Vinyl Chloride	8.1 U	8.1	3.0	1.22	12/15/16 19:30	
cis-1,2-Dichloroethene	8.1 U	8.1	1.6	1.22	12/15/16 19:30	
cis-1,3-Dichloropropene	8.1 U	8.1	1.5	1.22	12/15/16 19:30	
m,p-Xylenes	16 U	16	1.8	1.22	12/15/16 19:30	
o-Xylene	**1.1 J**	8.1	0.78	1.22	12/15/16 19:30	
trans-1,2-Dichloroethene	8.1 U	8.1	1.4	1.22	12/15/16 19:30	
trans-1,3-Dichloropropene	8.1 U	8.1	0.33	1.22	12/15/16 19:30	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	43 *	51 - 136	12/15/16 19:30	*
Dibromofluoromethane	101	63 - 138	12/15/16 19:30	
Toluene-d8	86	66 - 138	12/15/16 19:30	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	12	JN
000109-66-0	Pentane	1.56	20	JN
	unknown	10.12	13	J
002216-34-4	Octane, 4-methyl-	10.48	18	JN
	unknown	12.10	26	J
	unknown	12.45	10	J
000098-83-9	.alpha.-Methylstyrene	12.74	18	JN
	unknown	13.16	9.9	J
	unknown	13.36	27	J
	unknown	13.43	16	J
	unknown	13.89	28	J
	unknown	13.96	13	J
001014-60-4	Benzene, 1,3-bis(1,1-dimethylethyl	15.80	19	JN
	unknown	16.13	9.0	J
	unknown	17.68	8.7	J
	unknown	2.35	11	J
000763-29-1	1-Pentene, 2-methyl-	2.65	20	JN
	unknown	3.45	39	J
	unknown	9.64	33	J
	unknown	9.69	8.7	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Units:**	ug/Kg
Lab Code:	R1613026-017	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	8.5 U	8.5	1.3	1.28	12/19/16 15:14	
1,1,2,2-Tetrachloroethane	8.5 U	8.5	1.4	1.28	12/19/16 15:14	
1,1,2-Trichloroethane	8.5 U	8.5	1.3	1.28	12/19/16 15:14	
1,1,2-Trichloro-1,2,2-trifluoroethane	8.5 U	8.5	2.2	1.28	12/19/16 15:14	
1,1-Dichloroethane (1,1-DCA)	8.5 U	8.5	2.2	1.28	12/19/16 15:14	
1,1-Dichloroethene (1,1-DCE)	8.5 U	8.5	2.2	1.28	12/19/16 15:14	
1,2,3-Trichlorobenzene	8.5 U	8.5	1.1	1.28	12/19/16 15:14	
1,2,4-Trichlorobenzene	8.5 U	8.5	1.1	1.28	12/19/16 15:14	
1,2-Dibromo-3-chloropropane (DBCP)	8.5 U	8.5	3.2	1.28	12/19/16 15:14	
1,2-Dibromoethane	8.5 U	8.5	2.1	1.28	12/19/16 15:14	
1,2-Dichlorobenzene	8.5 U	8.5	1.1	1.28	12/19/16 15:14	
1,2-Dichloroethane	8.5 U	8.5	1.1	1.28	12/19/16 15:14	
1,2-Dichloropropane	8.5 U	8.5	1.7	1.28	12/19/16 15:14	
1,3-Dichlorobenzene	8.5 U	8.5	1.1	1.28	12/19/16 15:14	
1,4-Dichlorobenzene	8.5 U	8.5	0.96	1.28	12/19/16 15:14	
1,4-Dioxane	170 U	170	33	1.28	12/19/16 15:14	
2-Butanone (MEK)	**9.4**	8.5	3.9	1.28	12/19/16 15:14	
2-Hexanone	**3.6 J**	8.5	2.1	1.28	12/19/16 15:14	
4-Methyl-2-pentanone	**2.4 J**	8.5	1.7	1.28	12/19/16 15:14	
Acetone	**170**	8.5	4.8	1.28	12/19/16 15:14	
Benzene	8.5 U	8.5	0.50	1.28	12/19/16 15:14	
Bromochloromethane	8.5 U	8.5	2.4	1.28	12/19/16 15:14	
Bromodichloromethane	8.5 U	8.5	1.1	1.28	12/19/16 15:14	
Bromoform	8.5 U	8.5	1.6	1.28	12/19/16 15:14	
Bromomethane	8.5 U	8.5	2.4	1.28	12/19/16 15:14	
Carbon Disulfide	8.5 U	8.5	2.2	1.28	12/19/16 15:14	
Carbon Tetrachloride	8.5 U	8.5	1.6	1.28	12/19/16 15:14	
Chlorobenzene	8.5 U	8.5	0.50	1.28	12/19/16 15:14	
Chloroethane	8.5 U	8.5	4.9	1.28	12/19/16 15:14	
Chloroform	8.5 U	8.5	2.2	1.28	12/19/16 15:14	
Chloromethane	8.5 U	8.5	0.69	1.28	12/19/16 15:14	
Cyclohexane	8.5 U	8.5	2.4	1.28	12/19/16 15:14	
Dibromochloromethane	8.5 U	8.5	1.3	1.28	12/19/16 15:14	
Dichlorodifluoromethane (CFC 12)	8.5 U	8.5	3.3	1.28	12/19/16 15:14	
Dichloromethane	8.5 U	8.5	0.98	1.28	12/19/16 15:14	
Ethylbenzene	**0.53 J**	8.5	0.40	1.28	12/19/16 15:14	
Isopropylbenzene (Cumene)	8.5 U	8.5	1.2	1.28	12/19/16 15:14	
Methyl Acetate	8.5 U	8.5	3.0	1.28	12/19/16 15:14	
Methyl tert-Butyl Ether	**5.3 J**	8.5	1.6	1.28	12/19/16 15:14	
Methylcyclohexane	8.5 U	8.5	2.1	1.28	12/19/16 15:14	
Styrene	8.5 U	8.5	0.52	1.28	12/19/16 15:14	
Tetrachloroethene (PCE)	8.5 U	8.5	1.5	1.28	12/19/16 15:14	
Toluene	8.5 U	8.5	1.8	1.28	12/19/16 15:14	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Units:**	ug/Kg
Lab Code:	R1613026-017	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	8.5 U	8.5	1.8	1.28	12/19/16 15:14	
Trichlorofluoromethane (CFC 11)	8.5 U	8.5	1.2	1.28	12/19/16 15:14	
Vinyl Chloride	8.5 U	8.5	3.2	1.28	12/19/16 15:14	
cis-1,2-Dichloroethene	8.5 U	8.5	1.7	1.28	12/19/16 15:14	
cis-1,3-Dichloropropene	8.5 U	8.5	1.6	1.28	12/19/16 15:14	
m,p-Xylenes	17 U	17	1.9	1.28	12/19/16 15:14	
o-Xylene	8.5 U	8.5	0.82	1.28	12/19/16 15:14	
trans-1,2-Dichloroethene	8.5 U	8.5	1.5	1.28	12/19/16 15:14	
trans-1,3-Dichloropropene	8.5 U	8.5	0.35	1.28	12/19/16 15:14	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	53	51 - 136	12/19/16 15:14	
Dibromofluoromethane	102	63 - 138	12/19/16 15:14	
Toluene-d8	94	66 - 138	12/19/16 15:14	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	9.9	JN
	unknown	10.12	9.6	J
002216-34-4	Octane, 4-methyl-	10.48	12	JN
	unknown	12.10	13	J
	unknown	13.36	13	J
	unknown	13.44	8.5	J
	unknown	13.89	15	J
001014-60-4	Benzene, 1,3-bis(1,1-dimethylethyl	15.80	13	JN
	unknown	17.38	8.7	J
000087-44-5	Caryophyllene	17.67	47	JN
	unknown	17.95	24	J
	unknown	2.35	15	J
000763-29-1	1-Pentene, 2-methyl-	2.65	21	JN
	unknown	3.45	41	J
	unknown	9.64	28	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-7	**Units:**	ug/Kg
Lab Code:	R1613026-018	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.5 U	4.5	0.66	.71	12/15/16 19:54	
1,1,2,2-Tetrachloroethane	4.5 U	4.5	0.73	.71	12/15/16 19:54	
1,1,2-Trichloroethane	4.5 U	4.5	0.66	.71	12/15/16 19:54	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.5 U	4.5	1.2	.71	12/15/16 19:54	
1,1-Dichloroethane (1,1-DCA)	4.5 U	4.5	1.2	.71	12/15/16 19:54	
1,1-Dichloroethene (1,1-DCE)	4.5 U	4.5	1.2	.71	12/15/16 19:54	
1,2,3-Trichlorobenzene	4.5 U	4.5	0.56	.71	12/15/16 19:54	
1,2,4-Trichlorobenzene	4.5 U	4.5	0.53	.71	12/15/16 19:54	
1,2-Dibromo-3-chloropropane (DBCP)	4.5 U	4.5	1.7	.71	12/15/16 19:54	
1,2-Dibromoethane	4.5 U	4.5	1.1	.71	12/15/16 19:54	
1,2-Dichlorobenzene	4.5 U	4.5	0.55	.71	12/15/16 19:54	
1,2-Dichloroethane	4.5 U	4.5	0.55	.71	12/15/16 19:54	
1,2-Dichloropropane	4.5 U	4.5	0.88	.71	12/15/16 19:54	
1,3-Dichlorobenzene	4.5 U	4.5	0.57	.71	12/15/16 19:54	
1,4-Dichlorobenzene	4.5 U	4.5	0.51	.71	12/15/16 19:54	
1,4-Dioxane	90 U	90	18	.71	12/15/16 19:54	
2-Butanone (MEK)	**6.0**	4.5	2.1	.71	12/15/16 19:54	
2-Hexanone	4.5 U	4.5	1.1	.71	12/15/16 19:54	
4-Methyl-2-pentanone	4.5 U	4.5	0.88	.71	12/15/16 19:54	
Acetone	**92**	4.5	2.6	.71	12/15/16 19:54	
Benzene	4.5 U	4.5	0.27	.71	12/15/16 19:54	
Bromochloromethane	4.5 U	4.5	1.3	.71	12/15/16 19:54	
Bromodichloromethane	4.5 U	4.5	0.55	.71	12/15/16 19:54	
Bromoform	4.5 U	4.5	0.84	.71	12/15/16 19:54	
Bromomethane	4.5 U	4.5	1.3	.71	12/15/16 19:54	
Carbon Disulfide	4.5 U	4.5	1.2	.71	12/15/16 19:54	
Carbon Tetrachloride	4.5 U	4.5	0.83	.71	12/15/16 19:54	
Chlorobenzene	4.5 U	4.5	0.27	.71	12/15/16 19:54	
Chloroethane	4.5 U	4.5	2.6	.71	12/15/16 19:54	
Chloroform	4.5 U	4.5	1.2	.71	12/15/16 19:54	
Chloromethane	4.5 U	4.5	0.36	.71	12/15/16 19:54	
Cyclohexane	4.5 U	4.5	1.3	.71	12/15/16 19:54	
Dibromochloromethane	4.5 U	4.5	0.66	.71	12/15/16 19:54	
Dichlorodifluoromethane (CFC 12)	4.5 U	4.5	1.7	.71	12/15/16 19:54	
Dichloromethane	4.5 U	4.5	0.52	.71	12/15/16 19:54	
Ethylbenzene	4.5 U	4.5	0.21	.71	12/15/16 19:54	
Isopropylbenzene (Cumene)	4.5 U	4.5	0.61	.71	12/15/16 19:54	
Methyl Acetate	**8.2**	4.5	1.6	.71	12/15/16 19:54	
Methyl tert-Butyl Ether	4.5 U	4.5	0.85	.71	12/15/16 19:54	
Methylcyclohexane	4.5 U	4.5	1.1	.71	12/15/16 19:54	
Styrene	4.5 U	4.5	0.27	.71	12/15/16 19:54	
Tetrachloroethene (PCE)	4.5 U	4.5	0.79	.71	12/15/16 19:54	
Toluene	4.5 U	4.5	0.90	.71	12/15/16 19:54	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-7	**Units:**	ug/Kg
Lab Code:	R1613026-018	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.5 U	4.5	0.91	.71	12/15/16 19:54	
Trichlorofluoromethane (CFC 11)	4.5 U	4.5	0.60	.71	12/15/16 19:54	
Vinyl Chloride	4.5 U	4.5	1.7	.71	12/15/16 19:54	
cis-1,2-Dichloroethene	4.5 U	4.5	0.86	.71	12/15/16 19:54	
cis-1,3-Dichloropropene	4.5 U	4.5	0.81	.71	12/15/16 19:54	
m,p-Xylenes	9.0 U	9.0	0.98	.71	12/15/16 19:54	
o-Xylene	4.5 U	4.5	0.44	.71	12/15/16 19:54	
trans-1,2-Dichloroethene	4.5 U	4.5	0.78	.71	12/15/16 19:54	
trans-1,3-Dichloropropene	4.5 U	4.5	0.18	.71	12/15/16 19:54	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	81	51 - 136	12/15/16 19:54	
Dibromofluoromethane	99	63 - 138	12/15/16 19:54	
Toluene-d8	100	66 - 138	12/15/16 19:54	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	5.5	JN
	unknown	12.10	4.8	J
000112-40-3	Dodecane	13.36	4.6	JN
	unknown	13.89	4.9	J
	unknown	9.64	5.8	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.3	U	4.3	0.63	.71	12/15/16 20:18	
1,1,2,2-Tetrachloroethane	4.3	U	4.3	0.70	.71	12/15/16 20:18	
1,1,2-Trichloroethane	4.3	U	4.3	0.63	.71	12/15/16 20:18	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.3	U	4.3	1.1	.71	12/15/16 20:18	
1,1-Dichloroethane (1,1-DCA)	4.3	U	4.3	1.1	.71	12/15/16 20:18	
1,1-Dichloroethene (1,1-DCE)	4.3	U	4.3	1.1	.71	12/15/16 20:18	
1,2,3-Trichlorobenzene	4.3	U	4.3	0.53	.71	12/15/16 20:18	
1,2,4-Trichlorobenzene	4.3	U	4.3	0.51	.71	12/15/16 20:18	
1,2-Dibromo-3-chloropropane (DBCP)	4.3	U	4.3	1.6	.71	12/15/16 20:18	
1,2-Dibromoethane	4.3	U	4.3	1.1	.71	12/15/16 20:18	
1,2-Dichlorobenzene	4.3	U	4.3	0.53	.71	12/15/16 20:18	
1,2-Dichloroethane	4.3	U	4.3	0.53	.71	12/15/16 20:18	
1,2-Dichloropropane	4.3	U	4.3	0.83	.71	12/15/16 20:18	
1,3-Dichlorobenzene	4.3	U	4.3	0.54	.71	12/15/16 20:18	
1,4-Dichlorobenzene	4.3	U	4.3	0.48	.71	12/15/16 20:18	
1,4-Dioxane	85	U	85	17	.71	12/15/16 20:18	
2-Butanone (MEK)	**10**		4.3	2.0	.71	12/15/16 20:18	
2-Hexanone	4.3	U	4.3	1.1	.71	12/15/16 20:18	
4-Methyl-2-pentanone	4.3	U	4.3	0.84	.71	12/15/16 20:18	
Acetone	**140**		4.3	2.5	.71	12/15/16 20:18	
Benzene	4.3	U	4.3	0.25	.71	12/15/16 20:18	
Bromochloromethane	4.3	U	4.3	1.2	.71	12/15/16 20:18	
Bromodichloromethane	4.3	U	4.3	0.53	.71	12/15/16 20:18	
Bromoform	4.3	U	4.3	0.80	.71	12/15/16 20:18	
Bromomethane	4.3	U	4.3	1.2	.71	12/15/16 20:18	
Carbon Disulfide	4.3	U	4.3	1.1	.71	12/15/16 20:18	
Carbon Tetrachloride	4.3	U	4.3	0.79	.71	12/15/16 20:18	
Chlorobenzene	4.3	U	4.3	0.25	.71	12/15/16 20:18	
Chloroethane	4.3	U	4.3	2.5	.71	12/15/16 20:18	
Chloroform	4.3	U	4.3	1.1	.71	12/15/16 20:18	
Chloromethane	4.3	U	4.3	0.35	.71	12/15/16 20:18	
Cyclohexane	4.3	U	4.3	1.2	.71	12/15/16 20:18	
Dibromochloromethane	4.3	U	4.3	0.63	.71	12/15/16 20:18	
Dichlorodifluoromethane (CFC 12)	4.3	U	4.3	1.7	.71	12/15/16 20:18	
Dichloromethane	4.3	U	4.3	0.49	.71	12/15/16 20:18	
Ethylbenzene	4.3	U	4.3	0.20	.71	12/15/16 20:18	
Isopropylbenzene (Cumene)	4.3	U	4.3	0.58	.71	12/15/16 20:18	
Methyl Acetate	**8.0**		4.3	1.5	.71	12/15/16 20:18	
Methyl tert-Butyl Ether	**2.2**	**J**	4.3	0.81	.71	12/15/16 20:18	
Methylcyclohexane	4.3	U	4.3	1.1	.71	12/15/16 20:18	
Styrene	4.3	U	4.3	0.26	.71	12/15/16 20:18	
Tetrachloroethene (PCE)	4.3	U	4.3	0.76	.71	12/15/16 20:18	
Toluene	4.3	U	4.3	0.86	.71	12/15/16 20:18	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.3 U	4.3	0.87	.71	12/15/16 20:18	
Trichlorofluoromethane (CFC 11)	4.3 U	4.3	0.57	.71	12/15/16 20:18	
Vinyl Chloride	4.3 U	4.3	1.6	.71	12/15/16 20:18	
cis-1,2-Dichloroethene	4.3 U	4.3	0.82	.71	12/15/16 20:18	
cis-1,3-Dichloropropene	4.3 U	4.3	0.77	.71	12/15/16 20:18	
m,p-Xylenes	8.5 U	8.5	0.94	.71	12/15/16 20:18	
o-Xylene	4.3 U	4.3	0.42	.71	12/15/16 20:18	
trans-1,2-Dichloroethene	4.3 U	4.3	0.74	.71	12/15/16 20:18	
trans-1,3-Dichloropropene	4.3 U	4.3	0.18	.71	12/15/16 20:18	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	51 - 136	12/15/16 20:18	
Dibromofluoromethane	92	63 - 138	12/15/16 20:18	
Toluene-d8	102	66 - 138	12/15/16 20:18	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-07-1	Propene	0.91	4.7	JN
000115-11-7	1-Propene, 2-methyl-	1.08	4.7	JN
	unknown	2.35	5.1	J
000763-29-1	1-Pentene, 2-methyl-	2.65	4.3	JN
	unknown	3.45	14	J
	unknown	9.64	5.5	J

Semivolatile Organic Compounds by GC/MS

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:25
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-12	**Units:**	ug/Kg
Lab Code:	R1613026-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	58000 U	58000	14000	25	12/19/16 16:31	12/15/16	
2,3,4,6-Tetrachlorophenol	58000 U	58000	15000	25	12/19/16 16:31	12/15/16	
2,4,5-Trichlorophenol	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
2,4,6-Trichlorophenol	58000 U	58000	6800	25	12/19/16 16:31	12/15/16	
2,4-Dichlorophenol	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
2,4-Dimethylphenol	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
2,4-Dinitrophenol	300000 U	300000	44000	25	12/19/16 16:31	12/15/16	
2,4-Dinitrotoluene	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
2,6-Dinitrotoluene	58000 U	58000	15000	25	12/19/16 16:31	12/15/16	
2-Chloronaphthalene	58000 U	58000	9100	25	12/19/16 16:31	12/15/16	
2-Chlorophenol	58000 U	58000	7600	25	12/19/16 16:31	12/15/16	
2-Methylnaphthalene	58000 U	58000	9500	25	12/19/16 16:31	12/15/16	
2-Methylphenol	58000 U	58000	13000	25	12/19/16 16:31	12/15/16	
2-Nitroaniline	300000 U	300000	38000	25	12/19/16 16:31	12/15/16	
2-Nitrophenol	58000 U	58000	8100	25	12/19/16 16:31	12/15/16	
3,3'-Dichlorobenzidine	58000 U	58000	12000	25	12/19/16 16:31	12/15/16	
3- and 4-Methylphenol Coelution	58000 U	58000	22000	25	12/19/16 16:31	12/15/16	
3-Nitroaniline	300000 U	300000	58000	25	12/19/16 16:31	12/15/16	
4,6-Dinitro-2-methylphenol	300000 U	300000	60000	25	12/19/16 16:31	12/15/16	
4-Bromophenyl Phenyl Ether	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
4-Chloro-3-methylphenol	58000 U	58000	9200	25	12/19/16 16:31	12/15/16	
4-Chloroaniline	58000 U	58000	12000	25	12/19/16 16:31	12/15/16	
4-Chlorophenyl Phenyl Ether	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
4-Nitroaniline	300000 U	300000	43000	25	12/19/16 16:31	12/15/16	
4-Nitrophenol	300000 U	300000	37000	25	12/19/16 16:31	12/15/16	
Acenaphthene	58000 U	58000	9800	25	12/19/16 16:31	12/15/16	
Acenaphthylene	58000 U	58000	9700	25	12/19/16 16:31	12/15/16	
Acetophenone	58000 U	58000	17000	25	12/19/16 16:31	12/15/16	
Anthracene	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
Atrazine	58000 U	58000	32000	25	12/19/16 16:31	12/15/16	
Benz(a)anthracene	58000 U	58000	8600	25	12/19/16 16:31	12/15/16	
Benzaldehyde	300000 U	300000	23000	25	12/19/16 16:31	12/15/16	
Benzo(a)pyrene	58000 U	58000	10000	25	12/19/16 16:31	12/15/16	
Benzo(b)fluoranthene	58000 U	58000	8700	25	12/19/16 16:31	12/15/16	
Benzo(g,h,i)perylene	58000 U	58000	9300	25	12/19/16 16:31	12/15/16	
Benzo(k)fluoranthene	58000 U	58000	9700	25	12/19/16 16:31	12/15/16	
Biphenyl	58000 U	58000	12000	25	12/19/16 16:31	12/15/16	
2,2'-Oxybis(1-chloropropane)	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
Bis(2-chloroethoxy)methane	58000 U	58000	6800	25	12/19/16 16:31	12/15/16	
Bis(2-chloroethyl) Ether	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
Bis(2-ethylhexyl) Phthalate	**580000**	58000	8500	25	12/19/16 16:31	12/15/16	
Butyl Benzyl Phthalate	58000 U	58000	12000	25	12/19/16 16:31	12/15/16	
Caprolactam	58000 U	58000	15000	25	12/19/16 16:31	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:25
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-12	**Units:**	ug/Kg
Lab Code:	R1613026-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	58000 U	58000	9900	25	12/19/16 16:31	12/15/16	
Chrysene	58000 U	58000	9000	25	12/19/16 16:31	12/15/16	
Di-n-butyl Phthalate	58000 U	58000	14000	25	12/19/16 16:31	12/15/16	
Di-n-octyl Phthalate	**100000**	58000	11000	25	12/19/16 16:31	12/15/16	
Dibenz(a,h)anthracene	58000 U	58000	8700	25	12/19/16 16:31	12/15/16	
Dibenzofuran	58000 U	58000	10000	25	12/19/16 16:31	12/15/16	
Diethyl Phthalate	58000 U	58000	12000	25	12/19/16 16:31	12/15/16	
Dimethyl Phthalate	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
Fluoranthene	58000 U	58000	12000	25	12/19/16 16:31	12/15/16	
Fluorene	58000 U	58000	9300	25	12/19/16 16:31	12/15/16	
Hexachlorobenzene	58000 U	58000	11000	25	12/19/16 16:31	12/15/16	
Hexachlorobutadiene	58000 U	58000	6400	25	12/19/16 16:31	12/15/16	
Hexachlorocyclopentadiene	58000 U	58000	13000	25	12/19/16 16:31	12/15/16	
Hexachloroethane	58000 U	58000	7600	25	12/19/16 16:31	12/15/16	
Indeno(1,2,3-cd)pyrene	58000 U	58000	9600	25	12/19/16 16:31	12/15/16	
Isophorone	58000 U	58000	9100	25	12/19/16 16:31	12/15/16	
N-Nitrosodi-n-propylamine	58000 U	58000	14000	25	12/19/16 16:31	12/15/16	
N-Nitrosodiphenylamine	58000 U	58000	10000	25	12/19/16 16:31	12/15/16	
Naphthalene	58000 U	58000	8200	25	12/19/16 16:31	12/15/16	
Nitrobenzene	58000 U	58000	8700	25	12/19/16 16:31	12/15/16	
Pentachlorophenol (PCP)	300000 U	300000	48000	25	12/19/16 16:31	12/15/16	
Phenanthrene	58000 U	58000	12000	25	12/19/16 16:31	12/15/16	
Phenol	58000 U	58000	21000	25	12/19/16 16:31	12/15/16	
Pyrene	58000 U	58000	13000	25	12/19/16 16:31	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/19/16 16:31	D
2-Fluorobiphenyl	0 *	10 - 102	12/19/16 16:31	D
2-Fluorophenol	0 *	16 - 129	12/19/16 16:31	D
Nitrobenzene-d5	0 *	10 - 95	12/19/16 16:31	D
Phenol-d6	0 *	10 - 145	12/19/16 16:31	D
Terphenyl-d14	0 *	16 - 126	12/19/16 16:31	D

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	16.43	47000	J
	unknown	3.29	73000	J
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	9.92	30000	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-15	**Units:**	ug/Kg
Lab Code:	R1613026-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	370 U	370	89	1	12/16/16 10:05	12/15/16	
2,3,4,6-Tetrachlorophenol	370 U	370	96	1	12/16/16 10:05	12/15/16	
2,4,5-Trichlorophenol	370 U	370	67	1	12/16/16 10:05	12/15/16	
2,4,6-Trichlorophenol	370 U	370	44	1	12/16/16 10:05	12/15/16	
2,4-Dichlorophenol	370 U	370	65	1	12/16/16 10:05	12/15/16	
2,4-Dimethylphenol	370 U	370	69	1	12/16/16 10:05	12/15/16	
2,4-Dinitrophenol	1900 U	1900	290	1	12/16/16 10:05	12/15/16	
2,4-Dinitrotoluene	370 U	370	71	1	12/16/16 10:05	12/15/16	
2,6-Dinitrotoluene	370 U	370	93	1	12/16/16 10:05	12/15/16	
2-Chloronaphthalene	370 U	370	58	1	12/16/16 10:05	12/15/16	
2-Chlorophenol	370 U	370	49	1	12/16/16 10:05	12/15/16	
2-Methylnaphthalene	370 U	370	61	1	12/16/16 10:05	12/15/16	
2-Methylphenol	370 U	370	77	1	12/16/16 10:05	12/15/16	
2-Nitroaniline	1900 U	1900	250	1	12/16/16 10:05	12/15/16	
2-Nitrophenol	370 U	370	52	1	12/16/16 10:05	12/15/16	
3,3'-Dichlorobenzidine	370 U	370	72	1	12/16/16 10:05	12/15/16	
3- and 4-Methylphenol Coelution	370 U	370	140	1	12/16/16 10:05	12/15/16	
3-Nitroaniline	1900 U	1900	370	1	12/16/16 10:05	12/15/16	
4,6-Dinitro-2-methylphenol	1900 U	1900	390	1	12/16/16 10:05	12/15/16	
4-Bromophenyl Phenyl Ether	370 U	370	71	1	12/16/16 10:05	12/15/16	
4-Chloro-3-methylphenol	370 U	370	59	1	12/16/16 10:05	12/15/16	
4-Chloroaniline	370 U	370	72	1	12/16/16 10:05	12/15/16	
4-Chlorophenyl Phenyl Ether	370 U	370	66	1	12/16/16 10:05	12/15/16	
4-Nitroaniline	1900 U	1900	280	1	12/16/16 10:05	12/15/16	
4-Nitrophenol	1900 U	1900	240	1	12/16/16 10:05	12/15/16	
Acenaphthene	370 U	370	63	1	12/16/16 10:05	12/15/16	
Acenaphthylene	370 U	370	62	1	12/16/16 10:05	12/15/16	
Acetophenone	370 U	370	110	1	12/16/16 10:05	12/15/16	
Anthracene	370 U	370	69	1	12/16/16 10:05	12/15/16	
Atrazine	370 U	370	210	1	12/16/16 10:05	12/15/16	
Benz(a)anthracene	370 U	370	55	1	12/16/16 10:05	12/15/16	
Benzaldehyde	1900 U	1900	150	1	12/16/16 10:05	12/15/16	
Benzo(a)pyrene	370 U	370	64	1	12/16/16 10:05	12/15/16	
Benzo(b)fluoranthene	370 U	370	56	1	12/16/16 10:05	12/15/16	
Benzo(g,h,i)perylene	370 U	370	60	1	12/16/16 10:05	12/15/16	
Benzo(k)fluoranthene	370 U	370	62	1	12/16/16 10:05	12/15/16	
Biphenyl	370 U	370	76	1	12/16/16 10:05	12/15/16	
2,2'-Oxybis(1-chloropropane)	370 U	370	66	1	12/16/16 10:05	12/15/16	
Bis(2-chloroethoxy)methane	370 U	370	44	1	12/16/16 10:05	12/15/16	
Bis(2-chloroethyl) Ether	370 U	370	68	1	12/16/16 10:05	12/15/16	
Bis(2-ethylhexyl) Phthalate	**2600**	370	55	1	12/16/16 10:05	12/15/16	
Butyl Benzyl Phthalate	370 U	370	73	1	12/16/16 10:05	12/15/16	
Caprolactam	370 U	370	90	1	12/16/16 10:05	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-15	**Units:**	ug/Kg
Lab Code:	R1613026-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	370 U	370	64	1	12/16/16 10:05	12/15/16	
Chrysene	370 U	370	58	1	12/16/16 10:05	12/15/16	
Di-n-butyl Phthalate	370 U	370	90	1	12/16/16 10:05	12/15/16	
Di-n-octyl Phthalate	**340 J**	370	70	1	12/16/16 10:05	12/15/16	
Dibenz(a,h)anthracene	370 U	370	56	1	12/16/16 10:05	12/15/16	
Dibenzofuran	370 U	370	64	1	12/16/16 10:05	12/15/16	
Diethyl Phthalate	370 U	370	72	1	12/16/16 10:05	12/15/16	
Dimethyl Phthalate	370 U	370	68	1	12/16/16 10:05	12/15/16	
Fluoranthene	370 U	370	77	1	12/16/16 10:05	12/15/16	
Fluorene	370 U	370	60	1	12/16/16 10:05	12/15/16	
Hexachlorobenzene	370 U	370	68	1	12/16/16 10:05	12/15/16	
Hexachlorobutadiene	370 U	370	41	1	12/16/16 10:05	12/15/16	
Hexachlorocyclopentadiene	370 U	370	82	1	12/16/16 10:05	12/15/16	
Hexachloroethane	370 U	370	49	1	12/16/16 10:05	12/15/16	
Indeno(1,2,3-cd)pyrene	370 U	370	62	1	12/16/16 10:05	12/15/16	
Isophorone	370 U	370	58	1	12/16/16 10:05	12/15/16	
N-Nitrosodi-n-propylamine	370 U	370	84	1	12/16/16 10:05	12/15/16	
N-Nitrosodiphenylamine	370 U	370	64	1	12/16/16 10:05	12/15/16	
Naphthalene	370 U	370	53	1	12/16/16 10:05	12/15/16	
Nitrobenzene	370 U	370	56	1	12/16/16 10:05	12/15/16	
Pentachlorophenol (PCP)	1900 U	1900	310	1	12/16/16 10:05	12/15/16	
Phenanthrene	370 U	370	77	1	12/16/16 10:05	12/15/16	
Phenol	370 U	370	140	1	12/16/16 10:05	12/15/16	
Pyrene	370 U	370	79	1	12/16/16 10:05	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	55	13 - 128	12/16/16 10:05	
2-Fluorobiphenyl	45	10 - 102	12/16/16 10:05	
2-Fluorophenol	41	16 - 129	12/16/16 10:05	
Nitrobenzene-d5	41	10 - 95	12/16/16 10:05	
Phenol-d6	45	10 - 145	12/16/16 10:05	
Terphenyl-d14	71	16 - 126	12/16/16 10:05	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	16.42	230	J
	unknown	3.11	2000	J
	unknown	3.34	56000	J
	unknown	3.88	550	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:55
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-18	**Units:**	ug/Kg
Lab Code:	R1613026-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	400 U	400	96	1	12/16/16 10:34	12/15/16	
2,3,4,6-Tetrachlorophenol	400 U	400	110	1	12/16/16 10:34	12/15/16	
2,4,5-Trichlorophenol	400 U	400	72	1	12/16/16 10:34	12/15/16	
2,4,6-Trichlorophenol	400 U	400	47	1	12/16/16 10:34	12/15/16	
2,4-Dichlorophenol	400 U	400	70	1	12/16/16 10:34	12/15/16	
2,4-Dimethylphenol	400 U	400	74	1	12/16/16 10:34	12/15/16	
2,4-Dinitrophenol	2100 U	2100	310	1	12/16/16 10:34	12/15/16	
2,4-Dinitrotoluene	400 U	400	76	1	12/16/16 10:34	12/15/16	
2,6-Dinitrotoluene	400 U	400	100	1	12/16/16 10:34	12/15/16	
2-Chloronaphthalene	400 U	400	63	1	12/16/16 10:34	12/15/16	
2-Chlorophenol	400 U	400	52	1	12/16/16 10:34	12/15/16	
2-Methylnaphthalene	400 U	400	66	1	12/16/16 10:34	12/15/16	
2-Methylphenol	400 U	400	83	1	12/16/16 10:34	12/15/16	
2-Nitroaniline	2100 U	2100	270	1	12/16/16 10:34	12/15/16	
2-Nitrophenol	400 U	400	56	1	12/16/16 10:34	12/15/16	
3,3'-Dichlorobenzidine	400 U	400	78	1	12/16/16 10:34	12/15/16	
3- and 4-Methylphenol Coelution	400 U	400	150	1	12/16/16 10:34	12/15/16	
3-Nitroaniline	2100 U	2100	400	1	12/16/16 10:34	12/15/16	
4,6-Dinitro-2-methylphenol	2100 U	2100	420	1	12/16/16 10:34	12/15/16	
4-Bromophenyl Phenyl Ether	400 U	400	76	1	12/16/16 10:34	12/15/16	
4-Chloro-3-methylphenol	400 U	400	63	1	12/16/16 10:34	12/15/16	
4-Chloroaniline	400 U	400	78	1	12/16/16 10:34	12/15/16	
4-Chlorophenyl Phenyl Ether	400 U	400	71	1	12/16/16 10:34	12/15/16	
4-Nitroaniline	2100 U	2100	300	1	12/16/16 10:34	12/15/16	
4-Nitrophenol	2100 U	2100	260	1	12/16/16 10:34	12/15/16	
Acenaphthene	400 U	400	68	1	12/16/16 10:34	12/15/16	
Acenaphthylene	400 U	400	67	1	12/16/16 10:34	12/15/16	
Acetophenone	400 U	400	120	1	12/16/16 10:34	12/15/16	
Anthracene	400 U	400	74	1	12/16/16 10:34	12/15/16	
Atrazine	400 U	400	230	1	12/16/16 10:34	12/15/16	
Benz(a)anthracene	400 U	400	59	1	12/16/16 10:34	12/15/16	
Benzaldehyde	2100 U	2100	160	1	12/16/16 10:34	12/15/16	
Benzo(a)pyrene	400 U	400	69	1	12/16/16 10:34	12/15/16	
Benzo(b)fluoranthene	400 U	400	60	1	12/16/16 10:34	12/15/16	
Benzo(g,h,i)perylene	400 U	400	64	1	12/16/16 10:34	12/15/16	
Benzo(k)fluoranthene	400 U	400	67	1	12/16/16 10:34	12/15/16	
Biphenyl	400 U	400	81	1	12/16/16 10:34	12/15/16	
2,2'-Oxybis(1-chloropropane)	400 U	400	71	1	12/16/16 10:34	12/15/16	
Bis(2-chloroethoxy)methane	400 U	400	47	1	12/16/16 10:34	12/15/16	
Bis(2-chloroethyl) Ether	400 U	400	74	1	12/16/16 10:34	12/15/16	
Bis(2-ethylhexyl) Phthalate	**250 J**	400	59	1	12/16/16 10:34	12/15/16	
Butyl Benzyl Phthalate	400 U	400	79	1	12/16/16 10:34	12/15/16	
Caprolactam	400 U	400	97	1	12/16/16 10:34	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:55
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-18	**Units:**	ug/Kg
Lab Code:	R1613026-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	400 U	400	69	1	12/16/16 10:34	12/15/16	
Chrysene	400 U	400	62	1	12/16/16 10:34	12/15/16	
Di-n-butyl Phthalate	400 U	400	97	1	12/16/16 10:34	12/15/16	
Di-n-octyl Phthalate	400 U	400	76	1	12/16/16 10:34	12/15/16	
Dibenz(a,h)anthracene	400 U	400	60	1	12/16/16 10:34	12/15/16	
Dibenzofuran	400 U	400	69	1	12/16/16 10:34	12/15/16	
Diethyl Phthalate	400 U	400	78	1	12/16/16 10:34	12/15/16	
Dimethyl Phthalate	400 U	400	73	1	12/16/16 10:34	12/15/16	
Fluoranthene	400 U	400	83	1	12/16/16 10:34	12/15/16	
Fluorene	400 U	400	64	1	12/16/16 10:34	12/15/16	
Hexachlorobenzene	400 U	400	74	1	12/16/16 10:34	12/15/16	
Hexachlorobutadiene	400 U	400	44	1	12/16/16 10:34	12/15/16	
Hexachlorocyclopentadiene	400 U	400	88	1	12/16/16 10:34	12/15/16	
Hexachloroethane	400 U	400	53	1	12/16/16 10:34	12/15/16	
Indeno(1,2,3-cd)pyrene	400 U	400	66	1	12/16/16 10:34	12/15/16	
Isophorone	400 U	400	63	1	12/16/16 10:34	12/15/16	
N-Nitrosodi-n-propylamine	400 U	400	91	1	12/16/16 10:34	12/15/16	
N-Nitrosodiphenylamine	400 U	400	69	1	12/16/16 10:34	12/15/16	
Naphthalene	400 U	400	57	1	12/16/16 10:34	12/15/16	
Nitrobenzene	400 U	400	60	1	12/16/16 10:34	12/15/16	
Pentachlorophenol (PCP)	2100 U	2100	330	1	12/16/16 10:34	12/15/16	
Phenanthrene	400 U	400	83	1	12/16/16 10:34	12/15/16	
Phenol	400 U	400	150	1	12/16/16 10:34	12/15/16	
Pyrene	400 U	400	85	1	12/16/16 10:34	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	36	13 - 128	12/16/16 10:34	
2-Fluorobiphenyl	36	10 - 102	12/16/16 10:34	
2-Fluorophenol	33	16 - 129	12/16/16 10:34	
Nitrobenzene-d5	34	10 - 95	12/16/16 10:34	
Phenol-d6	35	10 - 145	12/16/16 10:34	
Terphenyl-d14	45	16 - 126	12/16/16 10:34	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.11	1800	J
	unknown	3.34	55000	J
	unknown	3.88	470	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:05
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-2	**Units:**	ug/Kg
Lab Code:	R1613026-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	390 U	390	94	1	12/16/16 11:03	12/15/16	
2,3,4,6-Tetrachlorophenol	390 U	390	110	1	12/16/16 11:03	12/15/16	
2,4,5-Trichlorophenol	390 U	390	71	1	12/16/16 11:03	12/15/16	
2,4,6-Trichlorophenol	390 U	390	47	1	12/16/16 11:03	12/15/16	
2,4-Dichlorophenol	390 U	390	69	1	12/16/16 11:03	12/15/16	
2,4-Dimethylphenol	390 U	390	73	1	12/16/16 11:03	12/15/16	
2,4-Dinitrophenol	2000 U	2000	300	1	12/16/16 11:03	12/15/16	
2,4-Dinitrotoluene	390 U	390	75	1	12/16/16 11:03	12/15/16	
2,6-Dinitrotoluene	390 U	390	99	1	12/16/16 11:03	12/15/16	
2-Chloronaphthalene	390 U	390	62	1	12/16/16 11:03	12/15/16	
2-Chlorophenol	390 U	390	52	1	12/16/16 11:03	12/15/16	
2-Methylnaphthalene	390 U	390	65	1	12/16/16 11:03	12/15/16	
2-Methylphenol	390 U	390	82	1	12/16/16 11:03	12/15/16	
2-Nitroaniline	2000 U	2000	260	1	12/16/16 11:03	12/15/16	
2-Nitrophenol	390 U	390	55	1	12/16/16 11:03	12/15/16	
3,3'-Dichlorobenzidine	390 U	390	77	1	12/16/16 11:03	12/15/16	
3- and 4-Methylphenol Coelution	390 U	390	150	1	12/16/16 11:03	12/15/16	
3-Nitroaniline	2000 U	2000	400	1	12/16/16 11:03	12/15/16	
4,6-Dinitro-2-methylphenol	2000 U	2000	410	1	12/16/16 11:03	12/15/16	
4-Bromophenyl Phenyl Ether	390 U	390	75	1	12/16/16 11:03	12/15/16	
4-Chloro-3-methylphenol	390 U	390	63	1	12/16/16 11:03	12/15/16	
4-Chloroaniline	390 U	390	77	1	12/16/16 11:03	12/15/16	
4-Chlorophenyl Phenyl Ether	390 U	390	70	1	12/16/16 11:03	12/15/16	
4-Nitroaniline	2000 U	2000	300	1	12/16/16 11:03	12/15/16	
4-Nitrophenol	2000 U	2000	250	1	12/16/16 11:03	12/15/16	
Acenaphthene	390 U	390	67	1	12/16/16 11:03	12/15/16	
Acenaphthylene	390 U	390	66	1	12/16/16 11:03	12/15/16	
Acetophenone	390 U	390	120	1	12/16/16 11:03	12/15/16	
Anthracene	390 U	390	73	1	12/16/16 11:03	12/15/16	
Atrazine	390 U	390	220	1	12/16/16 11:03	12/15/16	
Benz(a)anthracene	**99 J**	390	59	1	12/16/16 11:03	12/15/16	
Benzaldehyde	2000 U	2000	160	1	12/16/16 11:03	12/15/16	
Benzo(a)pyrene	**99 J**	390	68	1	12/16/16 11:03	12/15/16	
Benzo(b)fluoranthene	**110 J**	390	59	1	12/16/16 11:03	12/15/16	
Benzo(g,h,i)perylene	**80 J**	390	64	1	12/16/16 11:03	12/15/16	
Benzo(k)fluoranthene	390 U	390	66	1	12/16/16 11:03	12/15/16	
Biphenyl	390 U	390	80	1	12/16/16 11:03	12/15/16	
2,2'-Oxybis(1-chloropropane)	390 U	390	70	1	12/16/16 11:03	12/15/16	
Bis(2-chloroethoxy)methane	390 U	390	46	1	12/16/16 11:03	12/15/16	
Bis(2-chloroethyl) Ether	390 U	390	73	1	12/16/16 11:03	12/15/16	
Bis(2-ethylhexyl) Phthalate	**5000**	390	58	1	12/16/16 11:03	12/15/16	
Butyl Benzyl Phthalate	**260 J**	390	78	1	12/16/16 11:03	12/15/16	
Caprolactam	390 U	390	96	1	12/16/16 11:03	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:05
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-2	**Units:**	ug/Kg
Lab Code:	R1613026-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	390 U	390	68	1	12/16/16 11:03	12/15/16	
Chrysene	**88 J**	390	61	1	12/16/16 11:03	12/15/16	
Di-n-butyl Phthalate	390 U	390	96	1	12/16/16 11:03	12/15/16	
Di-n-octyl Phthalate	**790**	390	75	1	12/16/16 11:03	12/15/16	
Dibenz(a,h)anthracene	390 U	390	59	1	12/16/16 11:03	12/15/16	
Dibenzofuran	390 U	390	68	1	12/16/16 11:03	12/15/16	
Diethyl Phthalate	390 U	390	77	1	12/16/16 11:03	12/15/16	
Dimethyl Phthalate	390 U	390	72	1	12/16/16 11:03	12/15/16	
Fluoranthene	**180 J**	390	82	1	12/16/16 11:03	12/15/16	
Fluorene	390 U	390	64	1	12/16/16 11:03	12/15/16	
Hexachlorobenzene	390 U	390	73	1	12/16/16 11:03	12/15/16	
Hexachlorobutadiene	390 U	390	43	1	12/16/16 11:03	12/15/16	
Hexachlorocyclopentadiene	390 U	390	87	1	12/16/16 11:03	12/15/16	
Hexachloroethane	390 U	390	52	1	12/16/16 11:03	12/15/16	
Indeno(1,2,3-cd)pyrene	**71 J**	390	66	1	12/16/16 11:03	12/15/16	
Isophorone	390 U	390	62	1	12/16/16 11:03	12/15/16	
N-Nitrosodi-n-propylamine	390 U	390	90	1	12/16/16 11:03	12/15/16	
N-Nitrosodiphenylamine	390 U	390	68	1	12/16/16 11:03	12/15/16	
Naphthalene	390 U	390	56	1	12/16/16 11:03	12/15/16	
Nitrobenzene	390 U	390	60	1	12/16/16 11:03	12/15/16	
Pentachlorophenol (PCP)	2000 U	2000	330	1	12/16/16 11:03	12/15/16	
Phenanthrene	**140 J**	390	82	1	12/16/16 11:03	12/15/16	
Phenol	390 U	390	140	1	12/16/16 11:03	12/15/16	
Pyrene	**180 J**	390	84	1	12/16/16 11:03	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	49	13 - 128	12/16/16 11:03	
2-Fluorobiphenyl	51	10 - 102	12/16/16 11:03	
2-Fluorophenol	46	16 - 129	12/16/16 11:03	
Nitrobenzene-d5	49	10 - 95	12/16/16 11:03	
Phenol-d6	49	10 - 145	12/16/16 11:03	
Terphenyl-d14	56	16 - 126	12/16/16 11:03	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.01	920	J
000297-03-0	Cyclotetracosane	13.31	1200	JN
	unknown	16.42	340	J
	unknown	3.12	2500	J
	unknown	3.35	74000	J
	unknown	3.88	710	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:20
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-5	**Units:**	ug/Kg
Lab Code:	R1613026-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	370 U	370	88	1	12/16/16 11:31	12/15/16	
2,3,4,6-Tetrachlorophenol	370 U	370	95	1	12/16/16 11:31	12/15/16	
2,4,5-Trichlorophenol	370 U	370	66	1	12/16/16 11:31	12/15/16	
2,4,6-Trichlorophenol	370 U	370	43	1	12/16/16 11:31	12/15/16	
2,4-Dichlorophenol	370 U	370	64	1	12/16/16 11:31	12/15/16	
2,4-Dimethylphenol	370 U	370	68	1	12/16/16 11:31	12/15/16	
2,4-Dinitrophenol	1900 U	1900	280	1	12/16/16 11:31	12/15/16	
2,4-Dinitrotoluene	370 U	370	70	1	12/16/16 11:31	12/15/16	
2,6-Dinitrotoluene	370 U	370	92	1	12/16/16 11:31	12/15/16	
2-Chloronaphthalene	370 U	370	57	1	12/16/16 11:31	12/15/16	
2-Chlorophenol	370 U	370	48	1	12/16/16 11:31	12/15/16	
2-Methylnaphthalene	370 U	370	60	1	12/16/16 11:31	12/15/16	
2-Methylphenol	370 U	370	76	1	12/16/16 11:31	12/15/16	
2-Nitroaniline	1900 U	1900	240	1	12/16/16 11:31	12/15/16	
2-Nitrophenol	370 U	370	51	1	12/16/16 11:31	12/15/16	
3,3'-Dichlorobenzidine	370 U	370	71	1	12/16/16 11:31	12/15/16	
3- and 4-Methylphenol Coelution	370 U	370	140	1	12/16/16 11:31	12/15/16	
3-Nitroaniline	1900 U	1900	370	1	12/16/16 11:31	12/15/16	
4,6-Dinitro-2-methylphenol	1900 U	1900	380	1	12/16/16 11:31	12/15/16	
4-Bromophenyl Phenyl Ether	370 U	370	70	1	12/16/16 11:31	12/15/16	
4-Chloro-3-methylphenol	370 U	370	58	1	12/16/16 11:31	12/15/16	
4-Chloroaniline	370 U	370	71	1	12/16/16 11:31	12/15/16	
4-Chlorophenyl Phenyl Ether	370 U	370	65	1	12/16/16 11:31	12/15/16	
4-Nitroaniline	1900 U	1900	270	1	12/16/16 11:31	12/15/16	
4-Nitrophenol	1900 U	1900	230	1	12/16/16 11:31	12/15/16	
Acenaphthene	370 U	370	62	1	12/16/16 11:31	12/15/16	
Acenaphthylene	370 U	370	61	1	12/16/16 11:31	12/15/16	
Acetophenone	370 U	370	110	1	12/16/16 11:31	12/15/16	
Anthracene	370 U	370	68	1	12/16/16 11:31	12/15/16	
Atrazine	370 U	370	210	1	12/16/16 11:31	12/15/16	
Benz(a)anthracene	370 U	370	54	1	12/16/16 11:31	12/15/16	
Benzaldehyde	1900 U	1900	150	1	12/16/16 11:31	12/15/16	
Benzo(a)pyrene	370 U	370	63	1	12/16/16 11:31	12/15/16	
Benzo(b)fluoranthene	370 U	370	55	1	12/16/16 11:31	12/15/16	
Benzo(g,h,i)perylene	370 U	370	59	1	12/16/16 11:31	12/15/16	
Benzo(k)fluoranthene	370 U	370	61	1	12/16/16 11:31	12/15/16	
Biphenyl	370 U	370	74	1	12/16/16 11:31	12/15/16	
2,2'-Oxybis(1-chloropropane)	370 U	370	65	1	12/16/16 11:31	12/15/16	
Bis(2-chloroethoxy)methane	370 U	370	43	1	12/16/16 11:31	12/15/16	
Bis(2-chloroethyl) Ether	370 U	370	67	1	12/16/16 11:31	12/15/16	
Bis(2-ethylhexyl) Phthalate	370 U	370	54	1	12/16/16 11:31	12/15/16	
Butyl Benzyl Phthalate	370 U	370	72	1	12/16/16 11:31	12/15/16	
Caprolactam	370 U	370	89	1	12/16/16 11:31	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:20
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-5	**Units:**	ug/Kg
Lab Code:	R1613026-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	370 U	370	63	1	12/16/16 11:31	12/15/16	
Chrysene	370 U	370	57	1	12/16/16 11:31	12/15/16	
Di-n-butyl Phthalate	370 U	370	89	1	12/16/16 11:31	12/15/16	
Di-n-octyl Phthalate	370 U	370	69	1	12/16/16 11:31	12/15/16	
Dibenz(a,h)anthracene	370 U	370	55	1	12/16/16 11:31	12/15/16	
Dibenzofuran	370 U	370	63	1	12/16/16 11:31	12/15/16	
Diethyl Phthalate	370 U	370	71	1	12/16/16 11:31	12/15/16	
Dimethyl Phthalate	370 U	370	67	1	12/16/16 11:31	12/15/16	
Fluoranthene	370 U	370	76	1	12/16/16 11:31	12/15/16	
Fluorene	370 U	370	59	1	12/16/16 11:31	12/15/16	
Hexachlorobenzene	370 U	370	67	1	12/16/16 11:31	12/15/16	
Hexachlorobutadiene	370 U	370	40	1	12/16/16 11:31	12/15/16	
Hexachlorocyclopentadiene	370 U	370	81	1	12/16/16 11:31	12/15/16	
Hexachloroethane	370 U	370	48	1	12/16/16 11:31	12/15/16	
Indeno(1,2,3-cd)pyrene	370 U	370	61	1	12/16/16 11:31	12/15/16	
Isophorone	370 U	370	58	1	12/16/16 11:31	12/15/16	
N-Nitrosodi-n-propylamine	370 U	370	83	1	12/16/16 11:31	12/15/16	
N-Nitrosodiphenylamine	370 U	370	63	1	12/16/16 11:31	12/15/16	
Naphthalene	370 U	370	52	1	12/16/16 11:31	12/15/16	
Nitrobenzene	370 U	370	55	1	12/16/16 11:31	12/15/16	
Pentachlorophenol (PCP)	1900 U	1900	300	1	12/16/16 11:31	12/15/16	
Phenanthrene	370 U	370	76	1	12/16/16 11:31	12/15/16	
Phenol	370 U	370	130	1	12/16/16 11:31	12/15/16	
Pyrene	370 U	370	78	1	12/16/16 11:31	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	39	13 - 128	12/16/16 11:31	
2-Fluorobiphenyl	41	10 - 102	12/16/16 11:31	
2-Fluorophenol	39	16 - 129	12/16/16 11:31	
Nitrobenzene-d5	40	10 - 95	12/16/16 11:31	
Phenol-d6	42	10 - 145	12/16/16 11:31	
Terphenyl-d14	58	16 - 126	12/16/16 11:31	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.12	2000	J
	unknown	3.35	57000	J
	unknown	3.88	570	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-10	**Units:**	ug/Kg
Lab Code:	R1613026-006	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	360 U	360	87	1	12/16/16 12:00	12/15/16	
2,3,4,6-Tetrachlorophenol	360 U	360	95	1	12/16/16 12:00	12/15/16	
2,4,5-Trichlorophenol	360 U	360	66	1	12/16/16 12:00	12/15/16	
2,4,6-Trichlorophenol	360 U	360	43	1	12/16/16 12:00	12/15/16	
2,4-Dichlorophenol	360 U	360	64	1	12/16/16 12:00	12/15/16	
2,4-Dimethylphenol	360 U	360	67	1	12/16/16 12:00	12/15/16	
2,4-Dinitrophenol	1900 U	1900	280	1	12/16/16 12:00	12/15/16	
2,4-Dinitrotoluene	360 U	360	70	1	12/16/16 12:00	12/15/16	
2,6-Dinitrotoluene	360 U	360	91	1	12/16/16 12:00	12/15/16	
2-Chloronaphthalene	360 U	360	57	1	12/16/16 12:00	12/15/16	
2-Chlorophenol	360 U	360	48	1	12/16/16 12:00	12/15/16	
2-Methylnaphthalene	360 U	360	60	1	12/16/16 12:00	12/15/16	
2-Methylphenol	360 U	360	76	1	12/16/16 12:00	12/15/16	
2-Nitroaniline	1900 U	1900	240	1	12/16/16 12:00	12/15/16	
2-Nitrophenol	360 U	360	51	1	12/16/16 12:00	12/15/16	
3,3'-Dichlorobenzidine	360 U	360	71	1	12/16/16 12:00	12/15/16	
3- and 4-Methylphenol Coelution	360 U	360	140	1	12/16/16 12:00	12/15/16	
3-Nitroaniline	1900 U	1900	370	1	12/16/16 12:00	12/15/16	
4,6-Dinitro-2-methylphenol	1900 U	1900	380	1	12/16/16 12:00	12/15/16	
4-Bromophenyl Phenyl Ether	360 U	360	70	1	12/16/16 12:00	12/15/16	
4-Chloro-3-methylphenol	360 U	360	58	1	12/16/16 12:00	12/15/16	
4-Chloroaniline	360 U	360	71	1	12/16/16 12:00	12/15/16	
4-Chlorophenyl Phenyl Ether	360 U	360	64	1	12/16/16 12:00	12/15/16	
4-Nitroaniline	1900 U	1900	270	1	12/16/16 12:00	12/15/16	
4-Nitrophenol	1900 U	1900	230	1	12/16/16 12:00	12/15/16	
Acenaphthene	360 U	360	62	1	12/16/16 12:00	12/15/16	
Acenaphthylene	360 U	360	61	1	12/16/16 12:00	12/15/16	
Acetophenone	360 U	360	110	1	12/16/16 12:00	12/15/16	
Anthracene	360 U	360	68	1	12/16/16 12:00	12/15/16	
Atrazine	360 U	360	210	1	12/16/16 12:00	12/15/16	
Benz(a)anthracene	360 U	360	54	1	12/16/16 12:00	12/15/16	
Benzaldehyde	1900 U	1900	150	1	12/16/16 12:00	12/15/16	
Benzo(a)pyrene	360 U	360	63	1	12/16/16 12:00	12/15/16	
Benzo(b)fluoranthene	360 U	360	55	1	12/16/16 12:00	12/15/16	
Benzo(g,h,i)perylene	360 U	360	59	1	12/16/16 12:00	12/15/16	
Benzo(k)fluoranthene	360 U	360	61	1	12/16/16 12:00	12/15/16	
Biphenyl	360 U	360	74	1	12/16/16 12:00	12/15/16	
2,2'-Oxybis(1-chloropropane)	360 U	360	65	1	12/16/16 12:00	12/15/16	
Bis(2-chloroethoxy)methane	360 U	360	43	1	12/16/16 12:00	12/15/16	
Bis(2-chloroethyl) Ether	360 U	360	67	1	12/16/16 12:00	12/15/16	
Bis(2-ethylhexyl) Phthalate	**120 J**	360	54	1	12/16/16 12:00	12/15/16	
Butyl Benzyl Phthalate	360 U	360	72	1	12/16/16 12:00	12/15/16	
Caprolactam	360 U	360	89	1	12/16/16 12:00	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-10	**Units:**	ug/Kg
Lab Code:	R1613026-006	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	360 U	360	63	1	12/16/16 12:00	12/15/16	
Chrysene	360 U	360	57	1	12/16/16 12:00	12/15/16	
Di-n-butyl Phthalate	360 U	360	89	1	12/16/16 12:00	12/15/16	
Di-n-octyl Phthalate	360 U	360	69	1	12/16/16 12:00	12/15/16	
Dibenz(a,h)anthracene	360 U	360	55	1	12/16/16 12:00	12/15/16	
Dibenzofuran	360 U	360	63	1	12/16/16 12:00	12/15/16	
Diethyl Phthalate	360 U	360	71	1	12/16/16 12:00	12/15/16	
Dimethyl Phthalate	360 U	360	67	1	12/16/16 12:00	12/15/16	
Fluoranthene	360 U	360	76	1	12/16/16 12:00	12/15/16	
Fluorene	360 U	360	59	1	12/16/16 12:00	12/15/16	
Hexachlorobenzene	360 U	360	67	1	12/16/16 12:00	12/15/16	
Hexachlorobutadiene	360 U	360	40	1	12/16/16 12:00	12/15/16	
Hexachlorocyclopentadiene	360 U	360	81	1	12/16/16 12:00	12/15/16	
Hexachloroethane	360 U	360	48	1	12/16/16 12:00	12/15/16	
Indeno(1,2,3-cd)pyrene	360 U	360	61	1	12/16/16 12:00	12/15/16	
Isophorone	360 U	360	58	1	12/16/16 12:00	12/15/16	
N-Nitrosodi-n-propylamine	360 U	360	83	1	12/16/16 12:00	12/15/16	
N-Nitrosodiphenylamine	360 U	360	63	1	12/16/16 12:00	12/15/16	
Naphthalene	360 U	360	52	1	12/16/16 12:00	12/15/16	
Nitrobenzene	360 U	360	55	1	12/16/16 12:00	12/15/16	
Pentachlorophenol (PCP)	1900 U	1900	300	1	12/16/16 12:00	12/15/16	
Phenanthrene	360 U	360	76	1	12/16/16 12:00	12/15/16	
Phenol	360 U	360	130	1	12/16/16 12:00	12/15/16	
Pyrene	360 U	360	78	1	12/16/16 12:00	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	56	13 - 128	12/16/16 12:00	
2-Fluorobiphenyl	57	10 - 102	12/16/16 12:00	
2-Fluorophenol	51	16 - 129	12/16/16 12:00	
Nitrobenzene-d5	57	10 - 95	12/16/16 12:00	
Phenol-d6	58	10 - 145	12/16/16 12:00	
Terphenyl-d14	78	16 - 126	12/16/16 12:00	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.12	2800	J
	unknown	3.36	79000	J
	unknown	3.88	770	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-12	**Units:**	ug/Kg
Lab Code:	R1613026-007	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	350 U	350	85	1	12/16/16 12:29	12/15/16	
2,3,4,6-Tetrachlorophenol	350 U	350	92	1	12/16/16 12:29	12/15/16	
2,4,5-Trichlorophenol	350 U	350	64	1	12/16/16 12:29	12/15/16	
2,4,6-Trichlorophenol	350 U	350	42	1	12/16/16 12:29	12/15/16	
2,4-Dichlorophenol	350 U	350	62	1	12/16/16 12:29	12/15/16	
2,4-Dimethylphenol	350 U	350	65	1	12/16/16 12:29	12/15/16	
2,4-Dinitrophenol	1800 U	1800	270	1	12/16/16 12:29	12/15/16	
2,4-Dinitrotoluene	350 U	350	67	1	12/16/16 12:29	12/15/16	
2,6-Dinitrotoluene	350 U	350	89	1	12/16/16 12:29	12/15/16	
2-Chloronaphthalene	350 U	350	55	1	12/16/16 12:29	12/15/16	
2-Chlorophenol	350 U	350	46	1	12/16/16 12:29	12/15/16	
2-Methylnaphthalene	350 U	350	58	1	12/16/16 12:29	12/15/16	
2-Methylphenol	350 U	350	74	1	12/16/16 12:29	12/15/16	
2-Nitroaniline	1800 U	1800	240	1	12/16/16 12:29	12/15/16	
2-Nitrophenol	350 U	350	50	1	12/16/16 12:29	12/15/16	
3,3'-Dichlorobenzidine	350 U	350	69	1	12/16/16 12:29	12/15/16	
3- and 4-Methylphenol Coelution	350 U	350	140	1	12/16/16 12:29	12/15/16	
3-Nitroaniline	1800 U	1800	360	1	12/16/16 12:29	12/15/16	
4,6-Dinitro-2-methylphenol	1800 U	1800	370	1	12/16/16 12:29	12/15/16	
4-Bromophenyl Phenyl Ether	350 U	350	67	1	12/16/16 12:29	12/15/16	
4-Chloro-3-methylphenol	350 U	350	56	1	12/16/16 12:29	12/15/16	
4-Chloroaniline	350 U	350	69	1	12/16/16 12:29	12/15/16	
4-Chlorophenyl Phenyl Ether	350 U	350	62	1	12/16/16 12:29	12/15/16	
4-Nitroaniline	1800 U	1800	270	1	12/16/16 12:29	12/15/16	
4-Nitrophenol	1800 U	1800	230	1	12/16/16 12:29	12/15/16	
Acenaphthene	350 U	350	60	1	12/16/16 12:29	12/15/16	
Acenaphthylene	350 U	350	59	1	12/16/16 12:29	12/15/16	
Acetophenone	350 U	350	100	1	12/16/16 12:29	12/15/16	
Anthracene	350 U	350	66	1	12/16/16 12:29	12/15/16	
Atrazine	350 U	350	200	1	12/16/16 12:29	12/15/16	
Benz(a)anthracene	350 U	350	53	1	12/16/16 12:29	12/15/16	
Benzaldehyde	1800 U	1800	140	1	12/16/16 12:29	12/15/16	
Benzo(a)pyrene	350 U	350	61	1	12/16/16 12:29	12/15/16	
Benzo(b)fluoranthene	350 U	350	53	1	12/16/16 12:29	12/15/16	
Benzo(g,h,i)perylene	350 U	350	57	1	12/16/16 12:29	12/15/16	
Benzo(k)fluoranthene	350 U	350	59	1	12/16/16 12:29	12/15/16	
Biphenyl	350 U	350	72	1	12/16/16 12:29	12/15/16	
2,2'-Oxybis(1-chloropropane)	350 U	350	63	1	12/16/16 12:29	12/15/16	
Bis(2-chloroethoxy)methane	350 U	350	42	1	12/16/16 12:29	12/15/16	
Bis(2-chloroethyl) Ether	350 U	350	65	1	12/16/16 12:29	12/15/16	
Bis(2-ethylhexyl) Phthalate	350 U	350	52	1	12/16/16 12:29	12/15/16	
Butyl Benzyl Phthalate	350 U	350	70	1	12/16/16 12:29	12/15/16	
Caprolactam	350 U	350	86	1	12/16/16 12:29	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-12	**Units:**	ug/Kg
Lab Code:	R1613026-007	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	350 U	350	61	1	12/16/16 12:29	12/15/16	
Chrysene	350 U	350	55	1	12/16/16 12:29	12/15/16	
Di-n-butyl Phthalate	350 U	350	86	1	12/16/16 12:29	12/15/16	
Di-n-octyl Phthalate	350 U	350	67	1	12/16/16 12:29	12/15/16	
Dibenz(a,h)anthracene	350 U	350	53	1	12/16/16 12:29	12/15/16	
Dibenzofuran	350 U	350	61	1	12/16/16 12:29	12/15/16	
Diethyl Phthalate	350 U	350	69	1	12/16/16 12:29	12/15/16	
Dimethyl Phthalate	350 U	350	65	1	12/16/16 12:29	12/15/16	
Fluoranthene	350 U	350	73	1	12/16/16 12:29	12/15/16	
Fluorene	350 U	350	57	1	12/16/16 12:29	12/15/16	
Hexachlorobenzene	350 U	350	65	1	12/16/16 12:29	12/15/16	
Hexachlorobutadiene	350 U	350	39	1	12/16/16 12:29	12/15/16	
Hexachlorocyclopentadiene	350 U	350	78	1	12/16/16 12:29	12/15/16	
Hexachloroethane	350 U	350	47	1	12/16/16 12:29	12/15/16	
Indeno(1,2,3-cd)pyrene	350 U	350	59	1	12/16/16 12:29	12/15/16	
Isophorone	350 U	350	56	1	12/16/16 12:29	12/15/16	
N-Nitrosodi-n-propylamine	350 U	350	80	1	12/16/16 12:29	12/15/16	
N-Nitrosodiphenylamine	350 U	350	61	1	12/16/16 12:29	12/15/16	
Naphthalene	350 U	350	50	1	12/16/16 12:29	12/15/16	
Nitrobenzene	350 U	350	53	1	12/16/16 12:29	12/15/16	
Pentachlorophenol (PCP)	1800 U	1800	290	1	12/16/16 12:29	12/15/16	
Phenanthrene	350 U	350	74	1	12/16/16 12:29	12/15/16	
Phenol	350 U	350	130	1	12/16/16 12:29	12/15/16	
Pyrene	350 U	350	75	1	12/16/16 12:29	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	58	13 - 128	12/16/16 12:29	
2-Fluorobiphenyl	61	10 - 102	12/16/16 12:29	
2-Fluorophenol	56	16 - 129	12/16/16 12:29	
Nitrobenzene-d5	59	10 - 95	12/16/16 12:29	
Phenol-d6	58	10 - 145	12/16/16 12:29	
Terphenyl-d14	81	16 - 126	12/16/16 12:29	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.12	2900	J
	unknown	3.36	88000	J
	unknown	3.88	780	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-4	**Units:**	ug/Kg
Lab Code:	R1613026-008	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	43000 U	43000	11000	20	12/19/16 11:47	12/15/16	
2,3,4,6-Tetrachlorophenol	43000 U	43000	12000	20	12/19/16 11:47	12/15/16	
2,4,5-Trichlorophenol	43000 U	43000	7700	20	12/19/16 11:47	12/15/16	
2,4,6-Trichlorophenol	43000 U	43000	5000	20	12/19/16 11:47	12/15/16	
2,4-Dichlorophenol	43000 U	43000	7500	20	12/19/16 11:47	12/15/16	
2,4-Dimethylphenol	43000 U	43000	7900	20	12/19/16 11:47	12/15/16	
2,4-Dinitrophenol	220000 U	220000	33000	20	12/19/16 11:47	12/15/16	
2,4-Dinitrotoluene	43000 U	43000	8100	20	12/19/16 11:47	12/15/16	
2,6-Dinitrotoluene	43000 U	43000	11000	20	12/19/16 11:47	12/15/16	
2-Chloronaphthalene	43000 U	43000	6700	20	12/19/16 11:47	12/15/16	
2-Chlorophenol	43000 U	43000	5600	20	12/19/16 11:47	12/15/16	
2-Methylnaphthalene	43000 U	43000	7000	20	12/19/16 11:47	12/15/16	
2-Methylphenol	43000 U	43000	8900	20	12/19/16 11:47	12/15/16	
2-Nitroaniline	220000 U	220000	28000	20	12/19/16 11:47	12/15/16	
2-Nitrophenol	43000 U	43000	6000	20	12/19/16 11:47	12/15/16	
3,3'-Dichlorobenzidine	43000 U	43000	8300	20	12/19/16 11:47	12/15/16	
3- and 4-Methylphenol Coelution	43000 U	43000	16000	20	12/19/16 11:47	12/15/16	
3-Nitroaniline	220000 U	220000	43000	20	12/19/16 11:47	12/15/16	
4,6-Dinitro-2-methylphenol	220000 U	220000	44000	20	12/19/16 11:47	12/15/16	
4-Bromophenyl Phenyl Ether	43000 U	43000	8100	20	12/19/16 11:47	12/15/16	
4-Chloro-3-methylphenol	43000 U	43000	6800	20	12/19/16 11:47	12/15/16	
4-Chloroaniline	43000 U	43000	8300	20	12/19/16 11:47	12/15/16	
4-Chlorophenyl Phenyl Ether	43000 U	43000	7500	20	12/19/16 11:47	12/15/16	
4-Nitroaniline	220000 U	220000	32000	20	12/19/16 11:47	12/15/16	
4-Nitrophenol	220000 U	220000	27000	20	12/19/16 11:47	12/15/16	
Acenaphthene	43000 U	43000	7200	20	12/19/16 11:47	12/15/16	
Acenaphthylene	43000 U	43000	7100	20	12/19/16 11:47	12/15/16	
Acetophenone	43000 U	43000	13000	20	12/19/16 11:47	12/15/16	
Anthracene	43000 U	43000	7900	20	12/19/16 11:47	12/15/16	
Atrazine	43000 U	43000	24000	20	12/19/16 11:47	12/15/16	
Benz(a)anthracene	43000 U	43000	6300	20	12/19/16 11:47	12/15/16	
Benzaldehyde	220000 U	220000	17000	20	12/19/16 11:47	12/15/16	
Benzo(a)pyrene	43000 U	43000	7400	20	12/19/16 11:47	12/15/16	
Benzo(b)fluoranthene	43000 U	43000	6400	20	12/19/16 11:47	12/15/16	
Benzo(g,h,i)perylene	43000 U	43000	6900	20	12/19/16 11:47	12/15/16	
Benzo(k)fluoranthene	43000 U	43000	7100	20	12/19/16 11:47	12/15/16	
Biphenyl	43000 U	43000	8700	20	12/19/16 11:47	12/15/16	
2,2'-Oxybis(1-chloropropane)	43000 U	43000	7600	20	12/19/16 11:47	12/15/16	
Bis(2-chloroethoxy)methane	43000 U	43000	5000	20	12/19/16 11:47	12/15/16	
Bis(2-chloroethyl) Ether	43000 U	43000	7900	20	12/19/16 11:47	12/15/16	
Bis(2-ethylhexyl) Phthalate	**450000**	43000	6300	20	12/19/16 11:47	12/15/16	
Butyl Benzyl Phthalate	**16000 J**	43000	8400	20	12/19/16 11:47	12/15/16	
Caprolactam	43000 U	43000	11000	20	12/19/16 11:47	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-4	**Units:**	ug/Kg
Lab Code:	R1613026-008	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	43000 U	43000	7300	20	12/19/16 11:47	12/15/16	
Chrysene	43000 U	43000	6600	20	12/19/16 11:47	12/15/16	
Di-n-butyl Phthalate	43000 U	43000	11000	20	12/19/16 11:47	12/15/16	
Di-n-octyl Phthalate	**48000**	43000	8100	20	12/19/16 11:47	12/15/16	
Dibenz(a,h)anthracene	43000 U	43000	6400	20	12/19/16 11:47	12/15/16	
Dibenzofuran	43000 U	43000	7400	20	12/19/16 11:47	12/15/16	
Diethyl Phthalate	43000 U	43000	8300	20	12/19/16 11:47	12/15/16	
Dimethyl Phthalate	43000 U	43000	7800	20	12/19/16 11:47	12/15/16	
Fluoranthene	43000 U	43000	8800	20	12/19/16 11:47	12/15/16	
Fluorene	43000 U	43000	6900	20	12/19/16 11:47	12/15/16	
Hexachlorobenzene	43000 U	43000	7900	20	12/19/16 11:47	12/15/16	
Hexachlorobutadiene	43000 U	43000	4700	20	12/19/16 11:47	12/15/16	
Hexachlorocyclopentadiene	43000 U	43000	9400	20	12/19/16 11:47	12/15/16	
Hexachloroethane	43000 U	43000	5600	20	12/19/16 11:47	12/15/16	
Indeno(1,2,3-cd)pyrene	43000 U	43000	7100	20	12/19/16 11:47	12/15/16	
Isophorone	43000 U	43000	6700	20	12/19/16 11:47	12/15/16	
N-Nitrosodi-n-propylamine	43000 U	43000	9700	20	12/19/16 11:47	12/15/16	
N-Nitrosodiphenylamine	43000 U	43000	7400	20	12/19/16 11:47	12/15/16	
Naphthalene	43000 U	43000	6000	20	12/19/16 11:47	12/15/16	
Nitrobenzene	43000 U	43000	6400	20	12/19/16 11:47	12/15/16	
Pentachlorophenol (PCP)	220000 U	220000	35000	20	12/19/16 11:47	12/15/16	
Phenanthrene	43000 U	43000	8900	20	12/19/16 11:47	12/15/16	
Phenol	43000 U	43000	15000	20	12/19/16 11:47	12/15/16	
Pyrene	43000 U	43000	9100	20	12/19/16 11:47	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/19/16 11:47	D
2-Fluorobiphenyl	0 *	10 - 102	12/19/16 11:47	D
2-Fluorophenol	0 *	16 - 129	12/19/16 11:47	D
Nitrobenzene-d5	0 *	10 - 95	12/19/16 11:47	D
Phenol-d6	0 *	10 - 145	12/19/16 11:47	D
Terphenyl-d14	0 *	16 - 126	12/19/16 11:47	D

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	16.43	25000	J
	unknown	3.29	99000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Units:**	ug/Kg
Lab Code:	R1613026-009	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	22000 U	22000	5200	10	12/19/16 12:15	12/15/16	
2,3,4,6-Tetrachlorophenol	22000 U	22000	5600	10	12/19/16 12:15	12/15/16	
2,4,5-Trichlorophenol	22000 U	22000	3900	10	12/19/16 12:15	12/15/16	
2,4,6-Trichlorophenol	22000 U	22000	2600	10	12/19/16 12:15	12/15/16	
2,4-Dichlorophenol	22000 U	22000	3800	10	12/19/16 12:15	12/15/16	
2,4-Dimethylphenol	22000 U	22000	4000	10	12/19/16 12:15	12/15/16	
2,4-Dinitrophenol	110000 U	110000	17000	10	12/19/16 12:15	12/15/16	
2,4-Dinitrotoluene	22000 U	22000	4100	10	12/19/16 12:15	12/15/16	
2,6-Dinitrotoluene	22000 U	22000	5400	10	12/19/16 12:15	12/15/16	
2-Chloronaphthalene	22000 U	22000	3400	10	12/19/16 12:15	12/15/16	
2-Chlorophenol	22000 U	22000	2900	10	12/19/16 12:15	12/15/16	
2-Methylnaphthalene	22000 U	22000	3600	10	12/19/16 12:15	12/15/16	
2-Methylphenol	22000 U	22000	4500	10	12/19/16 12:15	12/15/16	
2-Nitroaniline	110000 U	110000	15000	10	12/19/16 12:15	12/15/16	
2-Nitrophenol	22000 U	22000	3000	10	12/19/16 12:15	12/15/16	
3,3'-Dichlorobenzidine	22000 U	22000	4200	10	12/19/16 12:15	12/15/16	
3- and 4-Methylphenol Coelution	22000 U	22000	8100	10	12/19/16 12:15	12/15/16	
3-Nitroaniline	110000 U	110000	22000	10	12/19/16 12:15	12/15/16	
4,6-Dinitro-2-methylphenol	110000 U	110000	23000	10	12/19/16 12:15	12/15/16	
4-Bromophenyl Phenyl Ether	22000 U	22000	4100	10	12/19/16 12:15	12/15/16	
4-Chloro-3-methylphenol	22000 U	22000	3500	10	12/19/16 12:15	12/15/16	
4-Chloroaniline	22000 U	22000	4200	10	12/19/16 12:15	12/15/16	
4-Chlorophenyl Phenyl Ether	22000 U	22000	3800	10	12/19/16 12:15	12/15/16	
4-Nitroaniline	110000 U	110000	16000	10	12/19/16 12:15	12/15/16	
4-Nitrophenol	110000 U	110000	14000	10	12/19/16 12:15	12/15/16	
Acenaphthene	22000 U	22000	3700	10	12/19/16 12:15	12/15/16	
Acenaphthylene	22000 U	22000	3600	10	12/19/16 12:15	12/15/16	
Acetophenone	22000 U	22000	6100	10	12/19/16 12:15	12/15/16	
Anthracene	22000 U	22000	4000	10	12/19/16 12:15	12/15/16	
Atrazine	22000 U	22000	12000	10	12/19/16 12:15	12/15/16	
Benz(a)anthracene	22000 U	22000	3200	10	12/19/16 12:15	12/15/16	
Benzaldehyde	110000 U	110000	8500	10	12/19/16 12:15	12/15/16	
Benzo(a)pyrene	22000 U	22000	3800	10	12/19/16 12:15	12/15/16	
Benzo(b)fluoranthene	22000 U	22000	3300	10	12/19/16 12:15	12/15/16	
Benzo(g,h,i)perylene	22000 U	22000	3500	10	12/19/16 12:15	12/15/16	
Benzo(k)fluoranthene	22000 U	22000	3600	10	12/19/16 12:15	12/15/16	
Biphenyl	22000 U	22000	4400	10	12/19/16 12:15	12/15/16	
2,2'-Oxybis(1-chloropropane)	22000 U	22000	3800	10	12/19/16 12:15	12/15/16	
Bis(2-chloroethoxy)methane	22000 U	22000	2600	10	12/19/16 12:15	12/15/16	
Bis(2-chloroethyl) Ether	22000 U	22000	4000	10	12/19/16 12:15	12/15/16	
Bis(2-ethylhexyl) Phthalate	**190000**	22000	3200	10	12/19/16 12:15	12/15/16	
Butyl Benzyl Phthalate	**17000 J**	22000	4300	10	12/19/16 12:15	12/15/16	
Caprolactam	22000 U	22000	5300	10	12/19/16 12:15	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Units:**	ug/Kg
Lab Code:	R1613026-009	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	22000 U	22000	3700	10	12/19/16 12:15	12/15/16	
Chrysene	22000 U	22000	3400	10	12/19/16 12:15	12/15/16	
Di-n-butyl Phthalate	22000 U	22000	5300	10	12/19/16 12:15	12/15/16	
Di-n-octyl Phthalate	22000 U	22000	4100	10	12/19/16 12:15	12/15/16	
Dibenz(a,h)anthracene	22000 U	22000	3300	10	12/19/16 12:15	12/15/16	
Dibenzofuran	22000 U	22000	3800	10	12/19/16 12:15	12/15/16	
Diethyl Phthalate	22000 U	22000	4200	10	12/19/16 12:15	12/15/16	
Dimethyl Phthalate	22000 U	22000	4000	10	12/19/16 12:15	12/15/16	
Fluoranthene	22000 U	22000	4500	10	12/19/16 12:15	12/15/16	
Fluorene	22000 U	22000	3500	10	12/19/16 12:15	12/15/16	
Hexachlorobenzene	22000 U	22000	4000	10	12/19/16 12:15	12/15/16	
Hexachlorobutadiene	22000 U	22000	2400	10	12/19/16 12:15	12/15/16	
Hexachlorocyclopentadiene	22000 U	22000	4800	10	12/19/16 12:15	12/15/16	
Hexachloroethane	22000 U	22000	2900	10	12/19/16 12:15	12/15/16	
Indeno(1,2,3-cd)pyrene	22000 U	22000	3600	10	12/19/16 12:15	12/15/16	
Isophorone	22000 U	22000	3400	10	12/19/16 12:15	12/15/16	
N-Nitrosodi-n-propylamine	22000 U	22000	4900	10	12/19/16 12:15	12/15/16	
N-Nitrosodiphenylamine	22000 U	22000	3800	10	12/19/16 12:15	12/15/16	
Naphthalene	22000 U	22000	3100	10	12/19/16 12:15	12/15/16	
Nitrobenzene	22000 U	22000	3300	10	12/19/16 12:15	12/15/16	
Pentachlorophenol (PCP)	110000 U	110000	18000	10	12/19/16 12:15	12/15/16	
Phenanthrene	22000 U	22000	4500	10	12/19/16 12:15	12/15/16	
Phenol	22000 U	22000	7600	10	12/19/16 12:15	12/15/16	
Pyrene	22000 U	22000	4600	10	12/19/16 12:15	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	43	13 - 128	12/19/16 12:15	
2-Fluorobiphenyl	54	10 - 102	12/19/16 12:15	
2-Fluorophenol	51	16 - 129	12/19/16 12:15	
Nitrobenzene-d5	48	10 - 95	12/19/16 12:15	
Phenol-d6	50	10 - 145	12/19/16 12:15	
Terphenyl-d14	59	16 - 126	12/19/16 12:15	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.96	14000	J
	unknown	13.20	9500	J
	unknown	13.26	18000	J
	unknown	13.43	46000	J
	unknown	13.52	17000	J
	unknown	13.62	12000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Units:**	ug/Kg
Lab Code:	R1613026-009	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	13.92	54000	J
	unknown	14.12	26000	J
	unknown	16.43	11000	J
	unknown	3.29	83000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-19	**Units:**	ug/Kg
Lab Code:	R1613026-010	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	410 U	410	98	1	12/16/16 13:56	12/15/16	
2,3,4,6-Tetrachlorophenol	410 U	410	110	1	12/16/16 13:56	12/15/16	
2,4,5-Trichlorophenol	410 U	410	74	1	12/16/16 13:56	12/15/16	
2,4,6-Trichlorophenol	410 U	410	49	1	12/16/16 13:56	12/15/16	
2,4-Dichlorophenol	410 U	410	72	1	12/16/16 13:56	12/15/16	
2,4-Dimethylphenol	410 U	410	76	1	12/16/16 13:56	12/15/16	
2,4-Dinitrophenol	2100 U	2100	320	1	12/16/16 13:56	12/15/16	
2,4-Dinitrotoluene	410 U	410	78	1	12/16/16 13:56	12/15/16	
2,6-Dinitrotoluene	410 U	410	110	1	12/16/16 13:56	12/15/16	
2-Chloronaphthalene	410 U	410	64	1	12/16/16 13:56	12/15/16	
2-Chlorophenol	410 U	410	54	1	12/16/16 13:56	12/15/16	
2-Methylnaphthalene	410 U	410	67	1	12/16/16 13:56	12/15/16	
2-Methylphenol	410 U	410	86	1	12/16/16 13:56	12/15/16	
2-Nitroaniline	2100 U	2100	270	1	12/16/16 13:56	12/15/16	
2-Nitrophenol	410 U	410	57	1	12/16/16 13:56	12/15/16	
3,3'-Dichlorobenzidine	410 U	410	80	1	12/16/16 13:56	12/15/16	
3- and 4-Methylphenol Coelution	410 U	410	160	1	12/16/16 13:56	12/15/16	
3-Nitroaniline	2100 U	2100	410	1	12/16/16 13:56	12/15/16	
4,6-Dinitro-2-methylphenol	2100 U	2100	430	1	12/16/16 13:56	12/15/16	
4-Bromophenyl Phenyl Ether	410 U	410	78	1	12/16/16 13:56	12/15/16	
4-Chloro-3-methylphenol	410 U	410	65	1	12/16/16 13:56	12/15/16	
4-Chloroaniline	410 U	410	80	1	12/16/16 13:56	12/15/16	
4-Chlorophenyl Phenyl Ether	410 U	410	73	1	12/16/16 13:56	12/15/16	
4-Nitroaniline	2100 U	2100	310	1	12/16/16 13:56	12/15/16	
4-Nitrophenol	2100 U	2100	260	1	12/16/16 13:56	12/15/16	
Acenaphthene	410 U	410	70	1	12/16/16 13:56	12/15/16	
Acenaphthylene	410 U	410	69	1	12/16/16 13:56	12/15/16	
Acetophenone	410 U	410	120	1	12/16/16 13:56	12/15/16	
Anthracene	410 U	410	76	1	12/16/16 13:56	12/15/16	
Atrazine	410 U	410	230	1	12/16/16 13:56	12/15/16	
Benz(a)anthracene	410 U	410	61	1	12/16/16 13:56	12/15/16	
Benzaldehyde	2100 U	2100	170	1	12/16/16 13:56	12/15/16	
Benzo(a)pyrene	410 U	410	71	1	12/16/16 13:56	12/15/16	
Benzo(b)fluoranthene	410 U	410	62	1	12/16/16 13:56	12/15/16	
Benzo(g,h,i)perylene	410 U	410	66	1	12/16/16 13:56	12/15/16	
Benzo(k)fluoranthene	410 U	410	69	1	12/16/16 13:56	12/15/16	
Biphenyl	410 U	410	84	1	12/16/16 13:56	12/15/16	
2,2'-Oxybis(1-chloropropane)	410 U	410	73	1	12/16/16 13:56	12/15/16	
Bis(2-chloroethoxy)methane	410 U	410	48	1	12/16/16 13:56	12/15/16	
Bis(2-chloroethyl) Ether	410 U	410	76	1	12/16/16 13:56	12/15/16	
Bis(2-ethylhexyl) Phthalate	**810**	410	61	1	12/16/16 13:56	12/15/16	
Butyl Benzyl Phthalate	410 U	410	81	1	12/16/16 13:56	12/15/16	
Caprolactam	410 U	410	100	1	12/16/16 13:56	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-19	**Units:**	ug/Kg
Lab Code:	R1613026-010	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	410 U	410	71	1	12/16/16 13:56	12/15/16	
Chrysene	410 U	410	64	1	12/16/16 13:56	12/15/16	
Di-n-butyl Phthalate	410 U	410	100	1	12/16/16 13:56	12/15/16	
Di-n-octyl Phthalate	**84 J**	410	78	1	12/16/16 13:56	12/15/16	
Dibenz(a,h)anthracene	410 U	410	62	1	12/16/16 13:56	12/15/16	
Dibenzofuran	410 U	410	71	1	12/16/16 13:56	12/15/16	
Diethyl Phthalate	410 U	410	80	1	12/16/16 13:56	12/15/16	
Dimethyl Phthalate	410 U	410	75	1	12/16/16 13:56	12/15/16	
Fluoranthene	410 U	410	85	1	12/16/16 13:56	12/15/16	
Fluorene	410 U	410	66	1	12/16/16 13:56	12/15/16	
Hexachlorobenzene	410 U	410	76	1	12/16/16 13:56	12/15/16	
Hexachlorobutadiene	410 U	410	45	1	12/16/16 13:56	12/15/16	
Hexachlorocyclopentadiene	410 U	410	91	1	12/16/16 13:56	12/15/16	
Hexachloroethane	410 U	410	54	1	12/16/16 13:56	12/15/16	
Indeno(1,2,3-cd)pyrene	410 U	410	68	1	12/16/16 13:56	12/15/16	
Isophorone	410 U	410	65	1	12/16/16 13:56	12/15/16	
N-Nitrosodi-n-propylamine	410 U	410	93	1	12/16/16 13:56	12/15/16	
N-Nitrosodiphenylamine	410 U	410	71	1	12/16/16 13:56	12/15/16	
Naphthalene	410 U	410	58	1	12/16/16 13:56	12/15/16	
Nitrobenzene	410 U	410	62	1	12/16/16 13:56	12/15/16	
Pentachlorophenol (PCP)	2100 U	2100	340	1	12/16/16 13:56	12/15/16	
Phenanthrene	410 U	410	85	1	12/16/16 13:56	12/15/16	
Phenol	410 U	410	150	1	12/16/16 13:56	12/15/16	
Pyrene	410 U	410	87	1	12/16/16 13:56	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	59	13 - 128	12/16/16 13:56	
2-Fluorobiphenyl	43	10 - 102	12/16/16 13:56	
2-Fluorophenol	40	16 - 129	12/16/16 13:56	
Nitrobenzene-d5	42	10 - 95	12/16/16 13:56	
Phenol-d6	42	10 - 145	12/16/16 13:56	
Terphenyl-d14	68	16 - 126	12/16/16 13:56	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	10.24	270	JN
	unknown	3.12	2000	J
	unknown	3.34	61000	J
	unknown	3.88	590	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-7	**Units:**	ug/Kg
Lab Code:	R1613026-011	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1900 U	1900	450	5	12/19/16 12:44	12/15/16	
2,3,4,6-Tetrachlorophenol	1900 U	1900	490	5	12/19/16 12:44	12/15/16	
2,4,5-Trichlorophenol	1900 U	1900	340	5	12/19/16 12:44	12/15/16	
2,4,6-Trichlorophenol	1900 U	1900	220	5	12/19/16 12:44	12/15/16	
2,4-Dichlorophenol	1900 U	1900	330	5	12/19/16 12:44	12/15/16	
2,4-Dimethylphenol	1900 U	1900	350	5	12/19/16 12:44	12/15/16	
2,4-Dinitrophenol	9600 U	9600	1500	5	12/19/16 12:44	12/15/16	
2,4-Dinitrotoluene	1900 U	1900	360	5	12/19/16 12:44	12/15/16	
2,6-Dinitrotoluene	1900 U	1900	470	5	12/19/16 12:44	12/15/16	
2-Chloronaphthalene	1900 U	1900	300	5	12/19/16 12:44	12/15/16	
2-Chlorophenol	1900 U	1900	250	5	12/19/16 12:44	12/15/16	
2-Methylnaphthalene	1900 U	1900	310	5	12/19/16 12:44	12/15/16	
2-Methylphenol	1900 U	1900	390	5	12/19/16 12:44	12/15/16	
2-Nitroaniline	9600 U	9600	1300	5	12/19/16 12:44	12/15/16	
2-Nitrophenol	1900 U	1900	260	5	12/19/16 12:44	12/15/16	
3,3'-Dichlorobenzidine	1900 U	1900	370	5	12/19/16 12:44	12/15/16	
3- and 4-Methylphenol Coelution	1900 U	1900	700	5	12/19/16 12:44	12/15/16	
3-Nitroaniline	9600 U	9600	1900	5	12/19/16 12:44	12/15/16	
4,6-Dinitro-2-methylphenol	9600 U	9600	2000	5	12/19/16 12:44	12/15/16	
4-Bromophenyl Phenyl Ether	1900 U	1900	360	5	12/19/16 12:44	12/15/16	
4-Chloro-3-methylphenol	1900 U	1900	300	5	12/19/16 12:44	12/15/16	
4-Chloroaniline	1900 U	1900	370	5	12/19/16 12:44	12/15/16	
4-Chlorophenyl Phenyl Ether	1900 U	1900	330	5	12/19/16 12:44	12/15/16	
4-Nitroaniline	9600 U	9600	1400	5	12/19/16 12:44	12/15/16	
4-Nitrophenol	9600 U	9600	1200	5	12/19/16 12:44	12/15/16	
Acenaphthene	1900 U	1900	320	5	12/19/16 12:44	12/15/16	
Acenaphthylene	1900 U	1900	320	5	12/19/16 12:44	12/15/16	
Acetophenone	1900 U	1900	530	5	12/19/16 12:44	12/15/16	
Anthracene	1900 U	1900	350	5	12/19/16 12:44	12/15/16	
Atrazine	1900 U	1900	1100	5	12/19/16 12:44	12/15/16	
Benz(a)anthracene	1900 U	1900	280	5	12/19/16 12:44	12/15/16	
Benzaldehyde	9600 U	9600	740	5	12/19/16 12:44	12/15/16	
Benzo(a)pyrene	1900 U	1900	330	5	12/19/16 12:44	12/15/16	
Benzo(b)fluoranthene	1900 U	1900	280	5	12/19/16 12:44	12/15/16	
Benzo(g,h,i)perylene	1900 U	1900	300	5	12/19/16 12:44	12/15/16	
Benzo(k)fluoranthene	1900 U	1900	320	5	12/19/16 12:44	12/15/16	
Biphenyl	1900 U	1900	380	5	12/19/16 12:44	12/15/16	
2,2'-Oxybis(1-chloropropane)	1900 U	1900	330	5	12/19/16 12:44	12/15/16	
Bis(2-chloroethoxy)methane	1900 U	1900	220	5	12/19/16 12:44	12/15/16	
Bis(2-chloroethyl) Ether	1900 U	1900	350	5	12/19/16 12:44	12/15/16	
Bis(2-ethylhexyl) Phthalate	**24000**	1900	280	5	12/19/16 12:44	12/15/16	
Butyl Benzyl Phthalate	**470 J**	1900	370	5	12/19/16 12:44	12/15/16	
Caprolactam	1900 U	1900	460	5	12/19/16 12:44	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-7	**Units:**	ug/Kg
Lab Code:	R1613026-011	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1900 U	1900	320	5	12/19/16 12:44	12/15/16	
Chrysene	1900 U	1900	290	5	12/19/16 12:44	12/15/16	
Di-n-butyl Phthalate	1900 U	1900	460	5	12/19/16 12:44	12/15/16	
Di-n-octyl Phthalate	**4200**	1900	360	5	12/19/16 12:44	12/15/16	
Dibenz(a,h)anthracene	1900 U	1900	290	5	12/19/16 12:44	12/15/16	
Dibenzofuran	1900 U	1900	330	5	12/19/16 12:44	12/15/16	
Diethyl Phthalate	1900 U	1900	370	5	12/19/16 12:44	12/15/16	
Dimethyl Phthalate	1900 U	1900	350	5	12/19/16 12:44	12/15/16	
Fluoranthene	1900 U	1900	390	5	12/19/16 12:44	12/15/16	
Fluorene	1900 U	1900	300	5	12/19/16 12:44	12/15/16	
Hexachlorobenzene	1900 U	1900	350	5	12/19/16 12:44	12/15/16	
Hexachlorobutadiene	1900 U	1900	210	5	12/19/16 12:44	12/15/16	
Hexachlorocyclopentadiene	1900 U	1900	420	5	12/19/16 12:44	12/15/16	
Hexachloroethane	1900 U	1900	250	5	12/19/16 12:44	12/15/16	
Indeno(1,2,3-cd)pyrene	1900 U	1900	310	5	12/19/16 12:44	12/15/16	
Isophorone	1900 U	1900	300	5	12/19/16 12:44	12/15/16	
N-Nitrosodi-n-propylamine	1900 U	1900	430	5	12/19/16 12:44	12/15/16	
N-Nitrosodiphenylamine	1900 U	1900	330	5	12/19/16 12:44	12/15/16	
Naphthalene	1900 U	1900	270	5	12/19/16 12:44	12/15/16	
Nitrobenzene	1900 U	1900	290	5	12/19/16 12:44	12/15/16	
Pentachlorophenol (PCP)	9600 U	9600	1600	5	12/19/16 12:44	12/15/16	
Phenanthrene	1900 U	1900	390	5	12/19/16 12:44	12/15/16	
Phenol	1900 U	1900	660	5	12/19/16 12:44	12/15/16	
Pyrene	1900 U	1900	400	5	12/19/16 12:44	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	55	13 - 128	12/19/16 12:44	
2-Fluorobiphenyl	57	10 - 102	12/19/16 12:44	
2-Fluorophenol	53	16 - 129	12/19/16 12:44	
Nitrobenzene-d5	56	10 - 95	12/19/16 12:44	
Phenol-d6	55	10 - 145	12/19/16 12:44	
Terphenyl-d14	67	16 - 126	12/19/16 12:44	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.97	780	J
	unknown	16.42	1800	J
	unknown	3.10	2400	J
	unknown	3.31	74000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 11:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-14	**Units:**	ug/Kg
Lab Code:	R1613026-012	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	350 U	350	84	1	12/16/16 14:54	12/15/16	
2,3,4,6-Tetrachlorophenol	350 U	350	91	1	12/16/16 14:54	12/15/16	
2,4,5-Trichlorophenol	350 U	350	64	1	12/16/16 14:54	12/15/16	
2,4,6-Trichlorophenol	350 U	350	42	1	12/16/16 14:54	12/15/16	
2,4-Dichlorophenol	350 U	350	62	1	12/16/16 14:54	12/15/16	
2,4-Dimethylphenol	350 U	350	65	1	12/16/16 14:54	12/15/16	
2,4-Dinitrophenol	1800 U	1800	270	1	12/16/16 14:54	12/15/16	
2,4-Dinitrotoluene	350 U	350	67	1	12/16/16 14:54	12/15/16	
2,6-Dinitrotoluene	350 U	350	88	1	12/16/16 14:54	12/15/16	
2-Chloronaphthalene	350 U	350	55	1	12/16/16 14:54	12/15/16	
2-Chlorophenol	350 U	350	46	1	12/16/16 14:54	12/15/16	
2-Methylnaphthalene	350 U	350	58	1	12/16/16 14:54	12/15/16	
2-Methylphenol	350 U	350	74	1	12/16/16 14:54	12/15/16	
2-Nitroaniline	1800 U	1800	230	1	12/16/16 14:54	12/15/16	
2-Nitrophenol	350 U	350	49	1	12/16/16 14:54	12/15/16	
3,3'-Dichlorobenzidine	350 U	350	69	1	12/16/16 14:54	12/15/16	
3- and 4-Methylphenol Coelution	350 U	350	140	1	12/16/16 14:54	12/15/16	
3-Nitroaniline	1800 U	1800	360	1	12/16/16 14:54	12/15/16	
4,6-Dinitro-2-methylphenol	1800 U	1800	370	1	12/16/16 14:54	12/15/16	
4-Bromophenyl Phenyl Ether	350 U	350	67	1	12/16/16 14:54	12/15/16	
4-Chloro-3-methylphenol	350 U	350	56	1	12/16/16 14:54	12/15/16	
4-Chloroaniline	350 U	350	69	1	12/16/16 14:54	12/15/16	
4-Chlorophenyl Phenyl Ether	350 U	350	62	1	12/16/16 14:54	12/15/16	
4-Nitroaniline	1800 U	1800	270	1	12/16/16 14:54	12/15/16	
4-Nitrophenol	1800 U	1800	230	1	12/16/16 14:54	12/15/16	
Acenaphthene	350 U	350	60	1	12/16/16 14:54	12/15/16	
Acenaphthylene	350 U	350	59	1	12/16/16 14:54	12/15/16	
Acetophenone	350 U	350	100	1	12/16/16 14:54	12/15/16	
Anthracene	350 U	350	66	1	12/16/16 14:54	12/15/16	
Atrazine	350 U	350	200	1	12/16/16 14:54	12/15/16	
Benz(a)anthracene	350 U	350	52	1	12/16/16 14:54	12/15/16	
Benzaldehyde	1800 U	1800	140	1	12/16/16 14:54	12/15/16	
Benzo(a)pyrene	350 U	350	61	1	12/16/16 14:54	12/15/16	
Benzo(b)fluoranthene	350 U	350	53	1	12/16/16 14:54	12/15/16	
Benzo(g,h,i)perylene	350 U	350	57	1	12/16/16 14:54	12/15/16	
Benzo(k)fluoranthene	350 U	350	59	1	12/16/16 14:54	12/15/16	
Biphenyl	350 U	350	72	1	12/16/16 14:54	12/15/16	
2,2'-Oxybis(1-chloropropane)	350 U	350	63	1	12/16/16 14:54	12/15/16	
Bis(2-chloroethoxy)methane	350 U	350	41	1	12/16/16 14:54	12/15/16	
Bis(2-chloroethyl) Ether	350 U	350	65	1	12/16/16 14:54	12/15/16	
Bis(2-ethylhexyl) Phthalate	**62 J**	350	52	1	12/16/16 14:54	12/15/16	
Butyl Benzyl Phthalate	350 U	350	69	1	12/16/16 14:54	12/15/16	
Caprolactam	350 U	350	86	1	12/16/16 14:54	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 11:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-14	**Units:**	ug/Kg
Lab Code:	R1613026-012	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	350 U	350	61	1	12/16/16 14:54	12/15/16	
Chrysene	350 U	350	55	1	12/16/16 14:54	12/15/16	
Di-n-butyl Phthalate	350 U	350	86	1	12/16/16 14:54	12/15/16	
Di-n-octyl Phthalate	350 U	350	67	1	12/16/16 14:54	12/15/16	
Dibenz(a,h)anthracene	350 U	350	53	1	12/16/16 14:54	12/15/16	
Dibenzofuran	350 U	350	61	1	12/16/16 14:54	12/15/16	
Diethyl Phthalate	350 U	350	69	1	12/16/16 14:54	12/15/16	
Dimethyl Phthalate	350 U	350	65	1	12/16/16 14:54	12/15/16	
Fluoranthene	350 U	350	73	1	12/16/16 14:54	12/15/16	
Fluorene	350 U	350	57	1	12/16/16 14:54	12/15/16	
Hexachlorobenzene	350 U	350	65	1	12/16/16 14:54	12/15/16	
Hexachlorobutadiene	350 U	350	39	1	12/16/16 14:54	12/15/16	
Hexachlorocyclopentadiene	350 U	350	78	1	12/16/16 14:54	12/15/16	
Hexachloroethane	350 U	350	47	1	12/16/16 14:54	12/15/16	
Indeno(1,2,3-cd)pyrene	350 U	350	59	1	12/16/16 14:54	12/15/16	
Isophorone	350 U	350	56	1	12/16/16 14:54	12/15/16	
N-Nitrosodi-n-propylamine	350 U	350	80	1	12/16/16 14:54	12/15/16	
N-Nitrosodiphenylamine	350 U	350	61	1	12/16/16 14:54	12/15/16	
Naphthalene	350 U	350	50	1	12/16/16 14:54	12/15/16	
Nitrobenzene	350 U	350	53	1	12/16/16 14:54	12/15/16	
Pentachlorophenol (PCP)	1800 U	1800	290	1	12/16/16 14:54	12/15/16	
Phenanthrene	350 U	350	73	1	12/16/16 14:54	12/15/16	
Phenol	350 U	350	130	1	12/16/16 14:54	12/15/16	
Pyrene	350 U	350	75	1	12/16/16 14:54	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	50	13 - 128	12/16/16 14:54	
2-Fluorobiphenyl	52	10 - 102	12/16/16 14:54	
2-Fluorophenol	47	16 - 129	12/16/16 14:54	
Nitrobenzene-d5	50	10 - 95	12/16/16 14:54	
Phenol-d6	50	10 - 145	12/16/16 14:54	
Terphenyl-d14	59	16 - 126	12/16/16 14:54	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.13	2300	J
	unknown	3.35	69000	J
	unknown	3.88	640	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Units:**	ug/Kg
Lab Code:	R1613026-013	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9700 U	9700	2400	5	12/19/16 13:12	12/15/16	
2,3,4,6-Tetrachlorophenol	9700 U	9700	2500	5	12/19/16 13:12	12/15/16	
2,4,5-Trichlorophenol	9700 U	9700	1800	5	12/19/16 13:12	12/15/16	
2,4,6-Trichlorophenol	9700 U	9700	1200	5	12/19/16 13:12	12/15/16	
2,4-Dichlorophenol	9700 U	9700	1700	5	12/19/16 13:12	12/15/16	
2,4-Dimethylphenol	9700 U	9700	1800	5	12/19/16 13:12	12/15/16	
2,4-Dinitrophenol	50000 U	50000	7400	5	12/19/16 13:12	12/15/16	
2,4-Dinitrotoluene	9700 U	9700	1900	5	12/19/16 13:12	12/15/16	
2,6-Dinitrotoluene	9700 U	9700	2500	5	12/19/16 13:12	12/15/16	
2-Chloronaphthalene	9700 U	9700	1600	5	12/19/16 13:12	12/15/16	
2-Chlorophenol	9700 U	9700	1300	5	12/19/16 13:12	12/15/16	
2-Methylnaphthalene	9700 U	9700	1600	5	12/19/16 13:12	12/15/16	
2-Methylphenol	9700 U	9700	2100	5	12/19/16 13:12	12/15/16	
2-Nitroaniline	50000 U	50000	6300	5	12/19/16 13:12	12/15/16	
2-Nitrophenol	9700 U	9700	1400	5	12/19/16 13:12	12/15/16	
3,3'-Dichlorobenzidine	9700 U	9700	1900	5	12/19/16 13:12	12/15/16	
3- and 4-Methylphenol Coelution	9700 U	9700	3700	5	12/19/16 13:12	12/15/16	
3-Nitroaniline	50000 U	50000	9700	5	12/19/16 13:12	12/15/16	
4,6-Dinitro-2-methylphenol	50000 U	50000	10000	5	12/19/16 13:12	12/15/16	
4-Bromophenyl Phenyl Ether	9700 U	9700	1900	5	12/19/16 13:12	12/15/16	
4-Chloro-3-methylphenol	9700 U	9700	1600	5	12/19/16 13:12	12/15/16	
4-Chloroaniline	9700 U	9700	1900	5	12/19/16 13:12	12/15/16	
4-Chlorophenyl Phenyl Ether	9700 U	9700	1700	5	12/19/16 13:12	12/15/16	
4-Nitroaniline	50000 U	50000	7200	5	12/19/16 13:12	12/15/16	
4-Nitrophenol	50000 U	50000	6100	5	12/19/16 13:12	12/15/16	
Acenaphthene	9700 U	9700	1700	5	12/19/16 13:12	12/15/16	
Acenaphthylene	9700 U	9700	1700	5	12/19/16 13:12	12/15/16	
Acetophenone	9700 U	9700	2800	5	12/19/16 13:12	12/15/16	
Anthracene	9700 U	9700	1800	5	12/19/16 13:12	12/15/16	
Atrazine	9700 U	9700	5400	5	12/19/16 13:12	12/15/16	
Benz(a)anthracene	9700 U	9700	1500	5	12/19/16 13:12	12/15/16	
Benzaldehyde	50000 U	50000	3800	5	12/19/16 13:12	12/15/16	
Benzo(a)pyrene	9700 U	9700	1700	5	12/19/16 13:12	12/15/16	
Benzo(b)fluoranthene	9700 U	9700	1500	5	12/19/16 13:12	12/15/16	
Benzo(g,h,i)perylene	9700 U	9700	1600	5	12/19/16 13:12	12/15/16	
Benzo(k)fluoranthene	9700 U	9700	1700	5	12/19/16 13:12	12/15/16	
Biphenyl	9700 U	9700	2000	5	12/19/16 13:12	12/15/16	
2,2'-Oxybis(1-chloropropane)	9700 U	9700	1800	5	12/19/16 13:12	12/15/16	
Bis(2-chloroethoxy)methane	9700 U	9700	1200	5	12/19/16 13:12	12/15/16	
Bis(2-chloroethyl) Ether	9700 U	9700	1800	5	12/19/16 13:12	12/15/16	
Bis(2-ethylhexyl) Phthalate	**110000**	9700	1500	5	12/19/16 13:12	12/15/16	
Butyl Benzyl Phthalate	**12000**	9700	1900	5	12/19/16 13:12	12/15/16	
Caprolactam	9700 U	9700	2400	5	12/19/16 13:12	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Units:**	ug/Kg
Lab Code:	R1613026-013	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9700	U	9700	1700	5	12/19/16 13:12	12/15/16	
Chrysene	9700	U	9700	1500	5	12/19/16 13:12	12/15/16	
Di-n-butyl Phthalate	9700	U	9700	2400	5	12/19/16 13:12	12/15/16	
Di-n-octyl Phthalate	**11000**		9700	1900	5	12/19/16 13:12	12/15/16	
Dibenz(a,h)anthracene	9700	U	9700	1500	5	12/19/16 13:12	12/15/16	
Dibenzofuran	9700	U	9700	1700	5	12/19/16 13:12	12/15/16	
Diethyl Phthalate	9700	U	9700	1900	5	12/19/16 13:12	12/15/16	
Dimethyl Phthalate	9700	U	9700	1800	5	12/19/16 13:12	12/15/16	
Fluoranthene	9700	U	9700	2000	5	12/19/16 13:12	12/15/16	
Fluorene	9700	U	9700	1600	5	12/19/16 13:12	12/15/16	
Hexachlorobenzene	9700	U	9700	1800	5	12/19/16 13:12	12/15/16	
Hexachlorobutadiene	9700	U	9700	1100	5	12/19/16 13:12	12/15/16	
Hexachlorocyclopentadiene	9700	U	9700	2200	5	12/19/16 13:12	12/15/16	
Hexachloroethane	9700	U	9700	1300	5	12/19/16 13:12	12/15/16	
Indeno(1,2,3-cd)pyrene	9700	U	9700	1600	5	12/19/16 13:12	12/15/16	
Isophorone	9700	U	9700	1600	5	12/19/16 13:12	12/15/16	
N-Nitrosodi-n-propylamine	9700	U	9700	2200	5	12/19/16 13:12	12/15/16	
N-Nitrosodiphenylamine	9700	U	9700	1700	5	12/19/16 13:12	12/15/16	
Naphthalene	9700	U	9700	1400	5	12/19/16 13:12	12/15/16	
Nitrobenzene	9700	U	9700	1500	5	12/19/16 13:12	12/15/16	
Pentachlorophenol (PCP)	50000	U	50000	7900	5	12/19/16 13:12	12/15/16	
Phenanthrene	9700	U	9700	2100	5	12/19/16 13:12	12/15/16	
Phenol	**9400**	**J**	9700	3500	5	12/19/16 13:12	12/15/16	
Pyrene	9700	U	9700	2100	5	12/19/16 13:12	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	51	13 - 128	12/19/16 13:12	
2-Fluorobiphenyl	64	10 - 102	12/19/16 13:12	
2-Fluorophenol	51	16 - 129	12/19/16 13:12	
Nitrobenzene-d5	54	10 - 95	12/19/16 13:12	
Phenol-d6	57	10 - 145	12/19/16 13:12	
Terphenyl-d14	65	16 - 126	12/19/16 13:12	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000080-05-7	Phenol, 4,4'-(1-methylethylidene)b	10.53	64000	JN
	unknown	11.87	25000	J
	unknown	12.43	13000	J
	unknown	12.51	26000	J
	unknown	12.56	7800	J
	unknown	12.61	11000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Units:**	ug/Kg
Lab Code:	R1613026-013	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	15.81	7200	J
	unknown	16.00	4400	J
	unknown	3.29	76000	J
	unknown	8.48	4600	J
020071-09-4	Benzene, 1,1'-(1,2-cyclobutanediyl	8.76	10000	JN
003018-20-0	Naphthalene, 1,2,3,4-tetrahydro-1-	8.87	18000	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-9	**Units:**	ug/Kg
Lab Code:	R1613026-014	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9400 U	9400	2300	25	12/19/16 13:40	12/15/16	
2,3,4,6-Tetrachlorophenol	9400 U	9400	2500	25	12/19/16 13:40	12/15/16	
2,4,5-Trichlorophenol	9400 U	9400	1700	25	12/19/16 13:40	12/15/16	
2,4,6-Trichlorophenol	9400 U	9400	1200	25	12/19/16 13:40	12/15/16	
2,4-Dichlorophenol	9400 U	9400	1700	25	12/19/16 13:40	12/15/16	
2,4-Dimethylphenol	9400 U	9400	1800	25	12/19/16 13:40	12/15/16	
2,4-Dinitrophenol	48000 U	48000	7200	25	12/19/16 13:40	12/15/16	
2,4-Dinitrotoluene	9400 U	9400	1800	25	12/19/16 13:40	12/15/16	
2,6-Dinitrotoluene	9400 U	9400	2400	25	12/19/16 13:40	12/15/16	
2-Chloronaphthalene	9400 U	9400	1500	25	12/19/16 13:40	12/15/16	
2-Chlorophenol	9400 U	9400	1300	25	12/19/16 13:40	12/15/16	
2-Methylnaphthalene	9400 U	9400	1600	25	12/19/16 13:40	12/15/16	
2-Methylphenol	9400 U	9400	2000	25	12/19/16 13:40	12/15/16	
2-Nitroaniline	48000 U	48000	6200	25	12/19/16 13:40	12/15/16	
2-Nitrophenol	9400 U	9400	1400	25	12/19/16 13:40	12/15/16	
3,3'-Dichlorobenzidine	9400 U	9400	1900	25	12/19/16 13:40	12/15/16	
3- and 4-Methylphenol Coelution	9400 U	9400	3600	25	12/19/16 13:40	12/15/16	
3-Nitroaniline	48000 U	48000	9400	25	12/19/16 13:40	12/15/16	
4,6-Dinitro-2-methylphenol	48000 U	48000	9700	25	12/19/16 13:40	12/15/16	
4-Bromophenyl Phenyl Ether	9400 U	9400	1800	25	12/19/16 13:40	12/15/16	
4-Chloro-3-methylphenol	9400 U	9400	1500	25	12/19/16 13:40	12/15/16	
4-Chloroaniline	9400 U	9400	1900	25	12/19/16 13:40	12/15/16	
4-Chlorophenyl Phenyl Ether	9400 U	9400	1700	25	12/19/16 13:40	12/15/16	
4-Nitroaniline	48000 U	48000	7000	25	12/19/16 13:40	12/15/16	
4-Nitrophenol	48000 U	48000	6000	25	12/19/16 13:40	12/15/16	
Acenaphthene	9400 U	9400	1600	25	12/19/16 13:40	12/15/16	
Acenaphthylene	9400 U	9400	1600	25	12/19/16 13:40	12/15/16	
Acetophenone	9400 U	9400	2700	25	12/19/16 13:40	12/15/16	
Anthracene	9400 U	9400	1800	25	12/19/16 13:40	12/15/16	
Atrazine	9400 U	9400	5200	25	12/19/16 13:40	12/15/16	
Benz(a)anthracene	9400 U	9400	1400	25	12/19/16 13:40	12/15/16	
Benzaldehyde	48000 U	48000	3700	25	12/19/16 13:40	12/15/16	
Benzo(a)pyrene	9400 U	9400	1700	25	12/19/16 13:40	12/15/16	
Benzo(b)fluoranthene	9400 U	9400	1500	25	12/19/16 13:40	12/15/16	
Benzo(g,h,i)perylene	9400 U	9400	1600	25	12/19/16 13:40	12/15/16	
Benzo(k)fluoranthene	9400 U	9400	1600	25	12/19/16 13:40	12/15/16	
Biphenyl	9400 U	9400	2000	25	12/19/16 13:40	12/15/16	
2,2'-Oxybis(1-chloropropane)	9400 U	9400	1700	25	12/19/16 13:40	12/15/16	
Bis(2-chloroethoxy)methane	9400 U	9400	1100	25	12/19/16 13:40	12/15/16	
Bis(2-chloroethyl) Ether	9400 U	9400	1800	25	12/19/16 13:40	12/15/16	
Bis(2-ethylhexyl) Phthalate	**110000**	9400	1400	25	12/19/16 13:40	12/15/16	
Butyl Benzyl Phthalate	9400 U	9400	1900	25	12/19/16 13:40	12/15/16	
Caprolactam	9400 U	9400	2300	25	12/19/16 13:40	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-9	**Units:**	ug/Kg
Lab Code:	R1613026-014	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9400 U	9400	1700	25	12/19/16 13:40	12/15/16	
Chrysene	9400 U	9400	1500	25	12/19/16 13:40	12/15/16	
Di-n-butyl Phthalate	9400 U	9400	2300	25	12/19/16 13:40	12/15/16	
Di-n-octyl Phthalate	**13000**	9400	1800	25	12/19/16 13:40	12/15/16	
Dibenz(a,h)anthracene	9400 U	9400	1500	25	12/19/16 13:40	12/15/16	
Dibenzofuran	9400 U	9400	1700	25	12/19/16 13:40	12/15/16	
Diethyl Phthalate	9400 U	9400	1900	25	12/19/16 13:40	12/15/16	
Dimethyl Phthalate	9400 U	9400	1800	25	12/19/16 13:40	12/15/16	
Fluoranthene	9400 U	9400	2000	25	12/19/16 13:40	12/15/16	
Fluorene	9400 U	9400	1600	25	12/19/16 13:40	12/15/16	
Hexachlorobenzene	9400 U	9400	1800	25	12/19/16 13:40	12/15/16	
Hexachlorobutadiene	9400 U	9400	1100	25	12/19/16 13:40	12/15/16	
Hexachlorocyclopentadiene	9400 U	9400	2100	25	12/19/16 13:40	12/15/16	
Hexachloroethane	9400 U	9400	1300	25	12/19/16 13:40	12/15/16	
Indeno(1,2,3-cd)pyrene	9400 U	9400	1600	25	12/19/16 13:40	12/15/16	
Isophorone	9400 U	9400	1500	25	12/19/16 13:40	12/15/16	
N-Nitrosodi-n-propylamine	9400 U	9400	2200	25	12/19/16 13:40	12/15/16	
N-Nitrosodiphenylamine	9400 U	9400	1700	25	12/19/16 13:40	12/15/16	
Naphthalene	9400 U	9400	1400	25	12/19/16 13:40	12/15/16	
Nitrobenzene	9400 U	9400	1500	25	12/19/16 13:40	12/15/16	
Pentachlorophenol (PCP)	48000 U	48000	7700	25	12/19/16 13:40	12/15/16	
Phenanthrene	9400 U	9400	2000	25	12/19/16 13:40	12/15/16	
Phenol	9400 U	9400	3400	25	12/19/16 13:40	12/15/16	
Pyrene	9400 U	9400	2000	25	12/19/16 13:40	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/19/16 13:40	D
2-Fluorobiphenyl	0 *	10 - 102	12/19/16 13:40	D
2-Fluorophenol	0 *	16 - 129	12/19/16 13:40	D
Nitrobenzene-d5	0 *	10 - 95	12/19/16 13:40	D
Phenol-d6	0 *	10 - 145	12/19/16 13:40	D
Terphenyl-d14	0 *	16 - 126	12/19/16 13:40	D

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000080-05-7	Phenol, 4,4'-(1-methylethylidene)b	10.54	7900	JN
	unknown	16.42	5500	J
	unknown	3.29	42000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Units:**	ug/Kg
Lab Code:	R1613026-015	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	10000 U	10000	2500	5	12/19/16 14:09	12/15/16	
2,3,4,6-Tetrachlorophenol	10000 U	10000	2700	5	12/19/16 14:09	12/15/16	
2,4,5-Trichlorophenol	10000 U	10000	1900	5	12/19/16 14:09	12/15/16	
2,4,6-Trichlorophenol	10000 U	10000	1300	5	12/19/16 14:09	12/15/16	
2,4-Dichlorophenol	10000 U	10000	1900	5	12/19/16 14:09	12/15/16	
2,4-Dimethylphenol	10000 U	10000	2000	5	12/19/16 14:09	12/15/16	
2,4-Dinitrophenol	54000 U	54000	8000	5	12/19/16 14:09	12/15/16	
2,4-Dinitrotoluene	10000 U	10000	2000	5	12/19/16 14:09	12/15/16	
2,6-Dinitrotoluene	10000 U	10000	2700	5	12/19/16 14:09	12/15/16	
2-Chloronaphthalene	10000 U	10000	1700	5	12/19/16 14:09	12/15/16	
2-Chlorophenol	10000 U	10000	1400	5	12/19/16 14:09	12/15/16	
2-Methylnaphthalene	10000 U	10000	1700	5	12/19/16 14:09	12/15/16	
2-Methylphenol	10000 U	10000	2200	5	12/19/16 14:09	12/15/16	
2-Nitroaniline	54000 U	54000	6800	5	12/19/16 14:09	12/15/16	
2-Nitrophenol	10000 U	10000	1500	5	12/19/16 14:09	12/15/16	
3,3'-Dichlorobenzidine	10000 U	10000	2100	5	12/19/16 14:09	12/15/16	
3- and 4-Methylphenol Coelution	10000 U	10000	3900	5	12/19/16 14:09	12/15/16	
3-Nitroaniline	54000 U	54000	11000	5	12/19/16 14:09	12/15/16	
4,6-Dinitro-2-methylphenol	54000 U	54000	11000	5	12/19/16 14:09	12/15/16	
4-Bromophenyl Phenyl Ether	10000 U	10000	2000	5	12/19/16 14:09	12/15/16	
4-Chloro-3-methylphenol	10000 U	10000	1700	5	12/19/16 14:09	12/15/16	
4-Chloroaniline	10000 U	10000	2100	5	12/19/16 14:09	12/15/16	
4-Chlorophenyl Phenyl Ether	10000 U	10000	1900	5	12/19/16 14:09	12/15/16	
4-Nitroaniline	54000 U	54000	7800	5	12/19/16 14:09	12/15/16	
4-Nitrophenol	54000 U	54000	6600	5	12/19/16 14:09	12/15/16	
Acenaphthene	10000 U	10000	1800	5	12/19/16 14:09	12/15/16	
Acenaphthylene	10000 U	10000	1800	5	12/19/16 14:09	12/15/16	
Acetophenone	10000 U	10000	3000	5	12/19/16 14:09	12/15/16	
Anthracene	10000 U	10000	2000	5	12/19/16 14:09	12/15/16	
Atrazine	10000 U	10000	5800	5	12/19/16 14:09	12/15/16	
Benz(a)anthracene	**4400 J**	10000	1600	5	12/19/16 14:09	12/15/16	
Benzaldehyde	54000 U	54000	4100	5	12/19/16 14:09	12/15/16	
Benzo(a)pyrene	**3100 J**	10000	1800	5	12/19/16 14:09	12/15/16	
Benzo(b)fluoranthene	**2800 J**	10000	1600	5	12/19/16 14:09	12/15/16	
Benzo(g,h,i)perylene	**2400 J**	10000	1700	5	12/19/16 14:09	12/15/16	
Benzo(k)fluoranthene	10000 U	10000	1800	5	12/19/16 14:09	12/15/16	
Biphenyl	10000 U	10000	2200	5	12/19/16 14:09	12/15/16	
2,2'-Oxybis(1-chloropropane)	10000 U	10000	1900	5	12/19/16 14:09	12/15/16	
Bis(2-chloroethoxy)methane	10000 U	10000	1300	5	12/19/16 14:09	12/15/16	
Bis(2-chloroethyl) Ether	10000 U	10000	2000	5	12/19/16 14:09	12/15/16	
Bis(2-ethylhexyl) Phthalate	**120000**	10000	1600	5	12/19/16 14:09	12/15/16	
Butyl Benzyl Phthalate	**9300 J**	10000	2100	5	12/19/16 14:09	12/15/16	
Caprolactam	10000 U	10000	2600	5	12/19/16 14:09	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Units:**	ug/Kg
Lab Code:	R1613026-015	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	10000	U	10000	1800	5	12/19/16 14:09	12/15/16	
Chrysene	**8200**	**J**	10000	1700	5	12/19/16 14:09	12/15/16	
Di-n-butyl Phthalate	10000	U	10000	2600	5	12/19/16 14:09	12/15/16	
Di-n-octyl Phthalate	**17000**		10000	2000	5	12/19/16 14:09	12/15/16	
Dibenz(a,h)anthracene	10000	U	10000	1600	5	12/19/16 14:09	12/15/16	
Dibenzofuran	10000	U	10000	1800	5	12/19/16 14:09	12/15/16	
Diethyl Phthalate	10000	U	10000	2100	5	12/19/16 14:09	12/15/16	
Dimethyl Phthalate	10000	U	10000	1900	5	12/19/16 14:09	12/15/16	
Fluoranthene	**3600**	**J**	10000	2200	5	12/19/16 14:09	12/15/16	
Fluorene	10000	U	10000	1700	5	12/19/16 14:09	12/15/16	
Hexachlorobenzene	10000	U	10000	2000	5	12/19/16 14:09	12/15/16	
Hexachlorobutadiene	10000	U	10000	1200	5	12/19/16 14:09	12/15/16	
Hexachlorocyclopentadiene	10000	U	10000	2300	5	12/19/16 14:09	12/15/16	
Hexachloroethane	10000	U	10000	1400	5	12/19/16 14:09	12/15/16	
Indeno(1,2,3-cd)pyrene	10000	U	10000	1800	5	12/19/16 14:09	12/15/16	
Isophorone	10000	U	10000	1700	5	12/19/16 14:09	12/15/16	
N-Nitrosodi-n-propylamine	10000	U	10000	2400	5	12/19/16 14:09	12/15/16	
N-Nitrosodiphenylamine	10000	U	10000	1800	5	12/19/16 14:09	12/15/16	
Naphthalene	10000	U	10000	1500	5	12/19/16 14:09	12/15/16	
Nitrobenzene	10000	U	10000	1600	5	12/19/16 14:09	12/15/16	
Pentachlorophenol (PCP)	54000	U	54000	8500	5	12/19/16 14:09	12/15/16	
Phenanthrene	**2600**	**J**	10000	2200	5	12/19/16 14:09	12/15/16	
Phenol	10000	U	10000	3700	5	12/19/16 14:09	12/15/16	
Pyrene	**8400**	**J**	10000	2300	5	12/19/16 14:09	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	61	13 - 128	12/19/16 14:09	
2-Fluorobiphenyl	70	10 - 102	12/19/16 14:09	
2-Fluorophenol	58	16 - 129	12/19/16 14:09	
Nitrobenzene-d5	59	10 - 95	12/19/16 14:09	
Phenol-d6	66	10 - 145	12/19/16 14:09	
Terphenyl-d14	80	16 - 126	12/19/16 14:09	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
003674-66-6	Phenanthrene, 2,5-dimethyl-	10.02	7900	JN
	unknown	10.06	4400	J
085385-68-8	[14]Annulene, 1,6:8,13-bis(methano	10.12	4400	JN
003674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.53	4300	JN
003442-78-2	Pyrene, 2-methyl-	11.11	4500	JN
002381-21-7	Pyrene, 1-methyl-	11.15	5200	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Units:**	ug/Kg
Lab Code:	R1613026-015	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	16.43	4500	J
	unknown	3.29	100000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-18	**Units:**	ug/Kg
Lab Code:	R1613026-016	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	350 U	350	84	1	12/16/16 16:51	12/15/16	
2,3,4,6-Tetrachlorophenol	350 U	350	91	1	12/16/16 16:51	12/15/16	
2,4,5-Trichlorophenol	350 U	350	63	1	12/16/16 16:51	12/15/16	
2,4,6-Trichlorophenol	350 U	350	42	1	12/16/16 16:51	12/15/16	
2,4-Dichlorophenol	350 U	350	62	1	12/16/16 16:51	12/15/16	
2,4-Dimethylphenol	350 U	350	65	1	12/16/16 16:51	12/15/16	
2,4-Dinitrophenol	1800 U	1800	270	1	12/16/16 16:51	12/15/16	
2,4-Dinitrotoluene	350 U	350	67	1	12/16/16 16:51	12/15/16	
2,6-Dinitrotoluene	350 U	350	88	1	12/16/16 16:51	12/15/16	
2-Chloronaphthalene	350 U	350	55	1	12/16/16 16:51	12/15/16	
2-Chlorophenol	350 U	350	46	1	12/16/16 16:51	12/15/16	
2-Methylnaphthalene	350 U	350	58	1	12/16/16 16:51	12/15/16	
2-Methylphenol	350 U	350	73	1	12/16/16 16:51	12/15/16	
2-Nitroaniline	1800 U	1800	230	1	12/16/16 16:51	12/15/16	
2-Nitrophenol	350 U	350	49	1	12/16/16 16:51	12/15/16	
3,3'-Dichlorobenzidine	350 U	350	69	1	12/16/16 16:51	12/15/16	
3- and 4-Methylphenol Coelution	350 U	350	140	1	12/16/16 16:51	12/15/16	
3-Nitroaniline	1800 U	1800	350	1	12/16/16 16:51	12/15/16	
4,6-Dinitro-2-methylphenol	1800 U	1800	370	1	12/16/16 16:51	12/15/16	
4-Bromophenyl Phenyl Ether	350 U	350	67	1	12/16/16 16:51	12/15/16	
4-Chloro-3-methylphenol	350 U	350	56	1	12/16/16 16:51	12/15/16	
4-Chloroaniline	350 U	350	68	1	12/16/16 16:51	12/15/16	
4-Chlorophenyl Phenyl Ether	350 U	350	62	1	12/16/16 16:51	12/15/16	
4-Nitroaniline	1800 U	1800	260	1	12/16/16 16:51	12/15/16	
4-Nitrophenol	1800 U	1800	230	1	12/16/16 16:51	12/15/16	
Acenaphthene	350 U	350	60	1	12/16/16 16:51	12/15/16	
Acenaphthylene	350 U	350	59	1	12/16/16 16:51	12/15/16	
Acetophenone	350 U	350	100	1	12/16/16 16:51	12/15/16	
Anthracene	350 U	350	65	1	12/16/16 16:51	12/15/16	
Atrazine	350 U	350	200	1	12/16/16 16:51	12/15/16	
Benz(a)anthracene	350 U	350	52	1	12/16/16 16:51	12/15/16	
Benzaldehyde	1800 U	1800	140	1	12/16/16 16:51	12/15/16	
Benzo(a)pyrene	350 U	350	61	1	12/16/16 16:51	12/15/16	
Benzo(b)fluoranthene	350 U	350	53	1	12/16/16 16:51	12/15/16	
Benzo(g,h,i)perylene	350 U	350	57	1	12/16/16 16:51	12/15/16	
Benzo(k)fluoranthene	350 U	350	59	1	12/16/16 16:51	12/15/16	
Biphenyl	350 U	350	72	1	12/16/16 16:51	12/15/16	
2,2'-Oxybis(1-chloropropane)	350 U	350	62	1	12/16/16 16:51	12/15/16	
Bis(2-chloroethoxy)methane	350 U	350	41	1	12/16/16 16:51	12/15/16	
Bis(2-chloroethyl) Ether	350 U	350	65	1	12/16/16 16:51	12/15/16	
Bis(2-ethylhexyl) Phthalate	350 U	350	52	1	12/16/16 16:51	12/15/16	
Butyl Benzyl Phthalate	350 U	350	69	1	12/16/16 16:51	12/15/16	
Caprolactam	350 U	350	85	1	12/16/16 16:51	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-18	**Units:**	ug/Kg
Lab Code:	R1613026-016	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	350 U	350	60	1	12/16/16 16:51	12/15/16	
Chrysene	350 U	350	55	1	12/16/16 16:51	12/15/16	
Di-n-butyl Phthalate	350 U	350	85	1	12/16/16 16:51	12/15/16	
Di-n-octyl Phthalate	350 U	350	67	1	12/16/16 16:51	12/15/16	
Dibenz(a,h)anthracene	350 U	350	53	1	12/16/16 16:51	12/15/16	
Dibenzofuran	350 U	350	61	1	12/16/16 16:51	12/15/16	
Diethyl Phthalate	350 U	350	68	1	12/16/16 16:51	12/15/16	
Dimethyl Phthalate	350 U	350	64	1	12/16/16 16:51	12/15/16	
Fluoranthene	350 U	350	73	1	12/16/16 16:51	12/15/16	
Fluorene	350 U	350	57	1	12/16/16 16:51	12/15/16	
Hexachlorobenzene	350 U	350	65	1	12/16/16 16:51	12/15/16	
Hexachlorobutadiene	350 U	350	39	1	12/16/16 16:51	12/15/16	
Hexachlorocyclopentadiene	350 U	350	77	1	12/16/16 16:51	12/15/16	
Hexachloroethane	350 U	350	46	1	12/16/16 16:51	12/15/16	
Indeno(1,2,3-cd)pyrene	350 U	350	58	1	12/16/16 16:51	12/15/16	
Isophorone	350 U	350	55	1	12/16/16 16:51	12/15/16	
N-Nitrosodi-n-propylamine	350 U	350	80	1	12/16/16 16:51	12/15/16	
N-Nitrosodiphenylamine	350 U	350	61	1	12/16/16 16:51	12/15/16	
Naphthalene	350 U	350	50	1	12/16/16 16:51	12/15/16	
Nitrobenzene	350 U	350	53	1	12/16/16 16:51	12/15/16	
Pentachlorophenol (PCP)	1800 U	1800	290	1	12/16/16 16:51	12/15/16	
Phenanthrene	350 U	350	73	1	12/16/16 16:51	12/15/16	
Phenol	350 U	350	130	1	12/16/16 16:51	12/15/16	
Pyrene	350 U	350	75	1	12/16/16 16:51	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	47	13 - 128	12/16/16 16:51	
2-Fluorobiphenyl	43	10 - 102	12/16/16 16:51	
2-Fluorophenol	40	16 - 129	12/16/16 16:51	
Nitrobenzene-d5	42	10 - 95	12/16/16 16:51	
Phenol-d6	43	10 - 145	12/16/16 16:51	
Terphenyl-d14	54	16 - 126	12/16/16 16:51	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000080-05-7	Phenol, 4,4'-(1-methylethylidene)b	10.52	550	JN
	unknown	11.87	210	J
	unknown	3.12	2000	J
	unknown	3.35	57000	J
	unknown	3.88	540	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Units:**	ug/Kg
Lab Code:	R1613026-017	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	6600 U	6600	1600	3	12/19/16 14:37	12/15/16	
2,3,4,6-Tetrachlorophenol	6600 U	6600	1800	3	12/19/16 14:37	12/15/16	
2,4,5-Trichlorophenol	6600 U	6600	1200	3	12/19/16 14:37	12/15/16	
2,4,6-Trichlorophenol	6600 U	6600	780	3	12/19/16 14:37	12/15/16	
2,4-Dichlorophenol	6600 U	6600	1200	3	12/19/16 14:37	12/15/16	
2,4-Dimethylphenol	6600 U	6600	1300	3	12/19/16 14:37	12/15/16	
2,4-Dinitrophenol	34000 U	34000	5100	3	12/19/16 14:37	12/15/16	
2,4-Dinitrotoluene	6600 U	6600	1300	3	12/19/16 14:37	12/15/16	
2,6-Dinitrotoluene	6600 U	6600	1700	3	12/19/16 14:37	12/15/16	
2-Chloronaphthalene	6600 U	6600	1100	3	12/19/16 14:37	12/15/16	
2-Chlorophenol	6600 U	6600	860	3	12/19/16 14:37	12/15/16	
2-Methylnaphthalene	6600 U	6600	1100	3	12/19/16 14:37	12/15/16	
2-Methylphenol	6600 U	6600	1400	3	12/19/16 14:37	12/15/16	
2-Nitroaniline	34000 U	34000	4300	3	12/19/16 14:37	12/15/16	
2-Nitrophenol	6600 U	6600	920	3	12/19/16 14:37	12/15/16	
3,3'-Dichlorobenzidine	6600 U	6600	1300	3	12/19/16 14:37	12/15/16	
3- and 4-Methylphenol Coelution	6600 U	6600	2500	3	12/19/16 14:37	12/15/16	
3-Nitroaniline	34000 U	34000	6600	3	12/19/16 14:37	12/15/16	
4,6-Dinitro-2-methylphenol	34000 U	34000	6800	3	12/19/16 14:37	12/15/16	
4-Bromophenyl Phenyl Ether	6600 U	6600	1300	3	12/19/16 14:37	12/15/16	
4-Chloro-3-methylphenol	6600 U	6600	1100	3	12/19/16 14:37	12/15/16	
4-Chloroaniline	6600 U	6600	1300	3	12/19/16 14:37	12/15/16	
4-Chlorophenyl Phenyl Ether	6600 U	6600	1200	3	12/19/16 14:37	12/15/16	
4-Nitroaniline	34000 U	34000	4900	3	12/19/16 14:37	12/15/16	
4-Nitrophenol	34000 U	34000	4200	3	12/19/16 14:37	12/15/16	
Acenaphthene	6600 U	6600	1200	3	12/19/16 14:37	12/15/16	
Acenaphthylene	6600 U	6600	1100	3	12/19/16 14:37	12/15/16	
Acetophenone	**2000 J**	6600	1900	3	12/19/16 14:37	12/15/16	
Anthracene	6600 U	6600	1300	3	12/19/16 14:37	12/15/16	
Atrazine	6600 U	6600	3700	3	12/19/16 14:37	12/15/16	
Benz(a)anthracene	6600 U	6600	980	3	12/19/16 14:37	12/15/16	
Benzaldehyde	34000 U	34000	2600	3	12/19/16 14:37	12/15/16	
Benzo(a)pyrene	6600 U	6600	1200	3	12/19/16 14:37	12/15/16	
Benzo(b)fluoranthene	6600 U	6600	990	3	12/19/16 14:37	12/15/16	
Benzo(g,h,i)perylene	6600 U	6600	1100	3	12/19/16 14:37	12/15/16	
Benzo(k)fluoranthene	6600 U	6600	1100	3	12/19/16 14:37	12/15/16	
Biphenyl	6600 U	6600	1400	3	12/19/16 14:37	12/15/16	
2,2'-Oxybis(1-chloropropane)	6600 U	6600	1200	3	12/19/16 14:37	12/15/16	
Bis(2-chloroethoxy)methane	6600 U	6600	770	3	12/19/16 14:37	12/15/16	
Bis(2-chloroethyl) Ether	6600 U	6600	1300	3	12/19/16 14:37	12/15/16	
Bis(2-ethylhexyl) Phthalate	**77000**	6600	970	3	12/19/16 14:37	12/15/16	
Butyl Benzyl Phthalate	**5300 J**	6600	1300	3	12/19/16 14:37	12/15/16	
Caprolactam	6600 U	6600	1600	3	12/19/16 14:37	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Units:**	ug/Kg
Lab Code:	R1613026-017	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	6600 U	6600	1200	3	12/19/16 14:37	12/15/16	
Chrysene	6600 U	6600	1100	3	12/19/16 14:37	12/15/16	
Di-n-butyl Phthalate	6600 U	6600	1600	3	12/19/16 14:37	12/15/16	
Di-n-octyl Phthalate	**48000**	6600	1300	3	12/19/16 14:37	12/15/16	
Dibenz(a,h)anthracene	6600 U	6600	990	3	12/19/16 14:37	12/15/16	
Dibenzofuran	6600 U	6600	1200	3	12/19/16 14:37	12/15/16	
Diethyl Phthalate	6600 U	6600	1300	3	12/19/16 14:37	12/15/16	
Dimethyl Phthalate	6600 U	6600	1200	3	12/19/16 14:37	12/15/16	
Fluoranthene	6600 U	6600	1400	3	12/19/16 14:37	12/15/16	
Fluorene	6600 U	6600	1100	3	12/19/16 14:37	12/15/16	
Hexachlorobenzene	6600 U	6600	1300	3	12/19/16 14:37	12/15/16	
Hexachlorobutadiene	6600 U	6600	720	3	12/19/16 14:37	12/15/16	
Hexachlorocyclopentadiene	6600 U	6600	1500	3	12/19/16 14:37	12/15/16	
Hexachloroethane	6600 U	6600	860	3	12/19/16 14:37	12/15/16	
Indeno(1,2,3-cd)pyrene	6600 U	6600	1100	3	12/19/16 14:37	12/15/16	
Isophorone	6600 U	6600	1100	3	12/19/16 14:37	12/15/16	
N-Nitrosodi-n-propylamine	6600 U	6600	1500	3	12/19/16 14:37	12/15/16	
N-Nitrosodiphenylamine	6600 U	6600	1200	3	12/19/16 14:37	12/15/16	
Naphthalene	6600 U	6600	930	3	12/19/16 14:37	12/15/16	
Nitrobenzene	6600 U	6600	990	3	12/19/16 14:37	12/15/16	
Pentachlorophenol (PCP)	34000 U	34000	5400	3	12/19/16 14:37	12/15/16	
Phenanthrene	6600 U	6600	1400	3	12/19/16 14:37	12/15/16	
Phenol	6600 U	6600	2400	3	12/19/16 14:37	12/15/16	
Pyrene	6600 U	6600	1400	3	12/19/16 14:37	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	21	13 - 128	12/19/16 14:37	
2-Fluorobiphenyl	23	10 - 102	12/19/16 14:37	
2-Fluorophenol	20	16 - 129	12/19/16 14:37	
Nitrobenzene-d5	25	10 - 95	12/19/16 14:37	
Phenol-d6	22	10 - 145	12/19/16 14:37	
Terphenyl-d14	26	16 - 126	12/19/16 14:37	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	11.86	11000	J
	unknown	12.54	2900	J
	unknown	12.62	3100	J
	unknown	12.79	3800	J
1000315-17-7	Phthalic acid, 6-ethyl-3-octyl hep	12.98	14000	JN
	unknown	13.06	9000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Units:**	ug/Kg
Lab Code:	R1613026-017	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	13.15	3200	J
1000308-92-6	Phthalic acid, dodecyl nonyl ester	14.36	10000	JN
	unknown	14.49	3400	J
	unknown	15.87	3100	J
	unknown	15.91	2700	J
	unknown	16.43	12000	J
	unknown	17.63	3200	J
	unknown	3.29	41000	J
000098-83-9	.alpha.-Methylstyrene	4.39	4300	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-7	**Units:**	ug/Kg
Lab Code:	R1613026-018	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	4200 U	4200	1000	10	12/19/16 15:06	12/15/16	
2,3,4,6-Tetrachlorophenol	4200 U	4200	1100	10	12/19/16 15:06	12/15/16	
2,4,5-Trichlorophenol	4200 U	4200	750	10	12/19/16 15:06	12/15/16	
2,4,6-Trichlorophenol	4200 U	4200	490	10	12/19/16 15:06	12/15/16	
2,4-Dichlorophenol	4200 U	4200	730	10	12/19/16 15:06	12/15/16	
2,4-Dimethylphenol	4200 U	4200	770	10	12/19/16 15:06	12/15/16	
2,4-Dinitrophenol	21000 U	21000	3200	10	12/19/16 15:06	12/15/16	
2,4-Dinitrotoluene	4200 U	4200	800	10	12/19/16 15:06	12/15/16	
2,6-Dinitrotoluene	4200 U	4200	1100	10	12/19/16 15:06	12/15/16	
2-Chloronaphthalene	4200 U	4200	650	10	12/19/16 15:06	12/15/16	
2-Chlorophenol	4200 U	4200	550	10	12/19/16 15:06	12/15/16	
2-Methylnaphthalene	4200 U	4200	690	10	12/19/16 15:06	12/15/16	
2-Methylphenol	4200 U	4200	870	10	12/19/16 15:06	12/15/16	
2-Nitroaniline	21000 U	21000	2800	10	12/19/16 15:06	12/15/16	
2-Nitrophenol	4200 U	4200	580	10	12/19/16 15:06	12/15/16	
3,3'-Dichlorobenzidine	4200 U	4200	820	10	12/19/16 15:06	12/15/16	
3- and 4-Methylphenol Coelution	4200 U	4200	1600	10	12/19/16 15:06	12/15/16	
3-Nitroaniline	21000 U	21000	4200	10	12/19/16 15:06	12/15/16	
4,6-Dinitro-2-methylphenol	21000 U	21000	4300	10	12/19/16 15:06	12/15/16	
4-Bromophenyl Phenyl Ether	4200 U	4200	800	10	12/19/16 15:06	12/15/16	
4-Chloro-3-methylphenol	4200 U	4200	660	10	12/19/16 15:06	12/15/16	
4-Chloroaniline	4200 U	4200	810	10	12/19/16 15:06	12/15/16	
4-Chlorophenyl Phenyl Ether	4200 U	4200	740	10	12/19/16 15:06	12/15/16	
4-Nitroaniline	21000 U	21000	3100	10	12/19/16 15:06	12/15/16	
4-Nitrophenol	21000 U	21000	2700	10	12/19/16 15:06	12/15/16	
Acenaphthene	4200 U	4200	710	10	12/19/16 15:06	12/15/16	
Acenaphthylene	4200 U	4200	700	10	12/19/16 15:06	12/15/16	
Acetophenone	4200 U	4200	1200	10	12/19/16 15:06	12/15/16	
Anthracene	4200 U	4200	780	10	12/19/16 15:06	12/15/16	
Atrazine	4200 U	4200	2400	10	12/19/16 15:06	12/15/16	
Benz(a)anthracene	4200 U	4200	620	10	12/19/16 15:06	12/15/16	
Benzaldehyde	21000 U	21000	1700	10	12/19/16 15:06	12/15/16	
Benzo(a)pyrene	4200 U	4200	720	10	12/19/16 15:06	12/15/16	
Benzo(b)fluoranthene	4200 U	4200	630	10	12/19/16 15:06	12/15/16	
Benzo(g,h,i)perylene	4200 U	4200	670	10	12/19/16 15:06	12/15/16	
Benzo(k)fluoranthene	4200 U	4200	700	10	12/19/16 15:06	12/15/16	
Biphenyl	4200 U	4200	850	10	12/19/16 15:06	12/15/16	
2,2'-Oxybis(1-chloropropane)	4200 U	4200	740	10	12/19/16 15:06	12/15/16	
Bis(2-chloroethoxy)methane	4200 U	4200	490	10	12/19/16 15:06	12/15/16	
Bis(2-chloroethyl) Ether	4200 U	4200	770	10	12/19/16 15:06	12/15/16	
Bis(2-ethylhexyl) Phthalate	**35000**	4200	620	10	12/19/16 15:06	12/15/16	
Butyl Benzyl Phthalate	**1000 J**	4200	820	10	12/19/16 15:06	12/15/16	
Caprolactam	4200 U	4200	1100	10	12/19/16 15:06	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-7	**Units:**	ug/Kg
Lab Code:	R1613026-018	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	4200 U	4200	720	10	12/19/16 15:06	12/15/16	
Chrysene	4200 U	4200	650	10	12/19/16 15:06	12/15/16	
Di-n-butyl Phthalate	4200 U	4200	1100	10	12/19/16 15:06	12/15/16	
Di-n-octyl Phthalate	4200 U	4200	790	10	12/19/16 15:06	12/15/16	
Dibenz(a,h)anthracene	4200 U	4200	630	10	12/19/16 15:06	12/15/16	
Dibenzofuran	4200 U	4200	720	10	12/19/16 15:06	12/15/16	
Diethyl Phthalate	4200 U	4200	810	10	12/19/16 15:06	12/15/16	
Dimethyl Phthalate	4200 U	4200	760	10	12/19/16 15:06	12/15/16	
Fluoranthene	4200 U	4200	870	10	12/19/16 15:06	12/15/16	
Fluorene	4200 U	4200	670	10	12/19/16 15:06	12/15/16	
Hexachlorobenzene	4200 U	4200	770	10	12/19/16 15:06	12/15/16	
Hexachlorobutadiene	4200 U	4200	460	10	12/19/16 15:06	12/15/16	
Hexachlorocyclopentadiene	4200 U	4200	920	10	12/19/16 15:06	12/15/16	
Hexachloroethane	4200 U	4200	550	10	12/19/16 15:06	12/15/16	
Indeno(1,2,3-cd)pyrene	4200 U	4200	690	10	12/19/16 15:06	12/15/16	
Isophorone	4200 U	4200	660	10	12/19/16 15:06	12/15/16	
N-Nitrosodi-n-propylamine	4200 U	4200	950	10	12/19/16 15:06	12/15/16	
N-Nitrosodiphenylamine	4200 U	4200	720	10	12/19/16 15:06	12/15/16	
Naphthalene	4200 U	4200	590	10	12/19/16 15:06	12/15/16	
Nitrobenzene	4200 U	4200	630	10	12/19/16 15:06	12/15/16	
Pentachlorophenol (PCP)	21000 U	21000	3500	10	12/19/16 15:06	12/15/16	
Phenanthrene	4200 U	4200	870	10	12/19/16 15:06	12/15/16	
Phenol	4200 U	4200	1500	10	12/19/16 15:06	12/15/16	
Pyrene	4200 U	4200	890	10	12/19/16 15:06	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	44	13 - 128	12/19/16 15:06	
2-Fluorobiphenyl	49	10 - 102	12/19/16 15:06	
2-Fluorophenol	43	16 - 129	12/19/16 15:06	
Nitrobenzene-d5	48	10 - 95	12/19/16 15:06	
Phenol-d6	42	10 - 145	12/19/16 15:06	
Terphenyl-d14	58	16 - 126	12/19/16 15:06	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.97	12000	J
	unknown	3.10	2600	J
	unknown	3.30	84000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	400 U	400	95	1	12/16/16 18:17	12/15/16	
2,3,4,6-Tetrachlorophenol	400 U	400	110	1	12/16/16 18:17	12/15/16	
2,4,5-Trichlorophenol	400 U	400	72	1	12/16/16 18:17	12/15/16	
2,4,6-Trichlorophenol	400 U	400	47	1	12/16/16 18:17	12/15/16	
2,4-Dichlorophenol	400 U	400	70	1	12/16/16 18:17	12/15/16	
2,4-Dimethylphenol	400 U	400	73	1	12/16/16 18:17	12/15/16	
2,4-Dinitrophenol	2000 U	2000	310	1	12/16/16 18:17	12/15/16	
2,4-Dinitrotoluene	400 U	400	76	1	12/16/16 18:17	12/15/16	
2,6-Dinitrotoluene	400 U	400	100	1	12/16/16 18:17	12/15/16	
2-Chloronaphthalene	400 U	400	62	1	12/16/16 18:17	12/15/16	
2-Chlorophenol	400 U	400	52	1	12/16/16 18:17	12/15/16	
2-Methylnaphthalene	400 U	400	65	1	12/16/16 18:17	12/15/16	
2-Methylphenol	400 U	400	83	1	12/16/16 18:17	12/15/16	
2-Nitroaniline	2000 U	2000	260	1	12/16/16 18:17	12/15/16	
2-Nitrophenol	400 U	400	56	1	12/16/16 18:17	12/15/16	
3,3'-Dichlorobenzidine	400 U	400	78	1	12/16/16 18:17	12/15/16	
3- and 4-Methylphenol Coelution	400 U	400	150	1	12/16/16 18:17	12/15/16	
3-Nitroaniline	2000 U	2000	400	1	12/16/16 18:17	12/15/16	
4,6-Dinitro-2-methylphenol	2000 U	2000	410	1	12/16/16 18:17	12/15/16	
4-Bromophenyl Phenyl Ether	400 U	400	76	1	12/16/16 18:17	12/15/16	
4-Chloro-3-methylphenol	400 U	400	63	1	12/16/16 18:17	12/15/16	
4-Chloroaniline	400 U	400	77	1	12/16/16 18:17	12/15/16	
4-Chlorophenyl Phenyl Ether	400 U	400	70	1	12/16/16 18:17	12/15/16	
4-Nitroaniline	2000 U	2000	300	1	12/16/16 18:17	12/15/16	
4-Nitrophenol	2000 U	2000	250	1	12/16/16 18:17	12/15/16	
Acenaphthene	400 U	400	67	1	12/16/16 18:17	12/15/16	
Acenaphthylene	400 U	400	66	1	12/16/16 18:17	12/15/16	
Acetophenone	400 U	400	120	1	12/16/16 18:17	12/15/16	
Anthracene	400 U	400	74	1	12/16/16 18:17	12/15/16	
Atrazine	400 U	400	220	1	12/16/16 18:17	12/15/16	
Benz(a)anthracene	400 U	400	59	1	12/16/16 18:17	12/15/16	
Benzaldehyde	2000 U	2000	160	1	12/16/16 18:17	12/15/16	
Benzo(a)pyrene	400 U	400	69	1	12/16/16 18:17	12/15/16	
Benzo(b)fluoranthene	400 U	400	60	1	12/16/16 18:17	12/15/16	
Benzo(g,h,i)perylene	400 U	400	64	1	12/16/16 18:17	12/15/16	
Benzo(k)fluoranthene	400 U	400	66	1	12/16/16 18:17	12/15/16	
Biphenyl	400 U	400	81	1	12/16/16 18:17	12/15/16	
2,2'-Oxybis(1-chloropropane)	400 U	400	70	1	12/16/16 18:17	12/15/16	
Bis(2-chloroethoxy)methane	400 U	400	47	1	12/16/16 18:17	12/15/16	
Bis(2-chloroethyl) Ether	400 U	400	73	1	12/16/16 18:17	12/15/16	
Bis(2-ethylhexyl) Phthalate	**760**	400	59	1	12/16/16 18:17	12/15/16	
Butyl Benzyl Phthalate	**240 J**	400	78	1	12/16/16 18:17	12/15/16	
Caprolactam	400 U	400	97	1	12/16/16 18:17	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	400 U	400	68	1	12/16/16 18:17	12/15/16	
Chrysene	400 U	400	62	1	12/16/16 18:17	12/15/16	
Di-n-butyl Phthalate	**100 J**	400	96	1	12/16/16 18:17	12/15/16	
Di-n-octyl Phthalate	400 U	400	75	1	12/16/16 18:17	12/15/16	
Dibenz(a,h)anthracene	400 U	400	60	1	12/16/16 18:17	12/15/16	
Dibenzofuran	400 U	400	69	1	12/16/16 18:17	12/15/16	
Diethyl Phthalate	400 U	400	77	1	12/16/16 18:17	12/15/16	
Dimethyl Phthalate	400 U	400	73	1	12/16/16 18:17	12/15/16	
Fluoranthene	400 U	400	82	1	12/16/16 18:17	12/15/16	
Fluorene	400 U	400	64	1	12/16/16 18:17	12/15/16	
Hexachlorobenzene	400 U	400	73	1	12/16/16 18:17	12/15/16	
Hexachlorobutadiene	400 U	400	44	1	12/16/16 18:17	12/15/16	
Hexachlorocyclopentadiene	400 U	400	88	1	12/16/16 18:17	12/15/16	
Hexachloroethane	400 U	400	52	1	12/16/16 18:17	12/15/16	
Indeno(1,2,3-cd)pyrene	400 U	400	66	1	12/16/16 18:17	12/15/16	
Isophorone	400 U	400	63	1	12/16/16 18:17	12/15/16	
N-Nitrosodi-n-propylamine	400 U	400	90	1	12/16/16 18:17	12/15/16	
N-Nitrosodiphenylamine	400 U	400	69	1	12/16/16 18:17	12/15/16	
Naphthalene	400 U	400	56	1	12/16/16 18:17	12/15/16	
Nitrobenzene	400 U	400	60	1	12/16/16 18:17	12/15/16	
Pentachlorophenol (PCP)	2000 U	2000	330	1	12/16/16 18:17	12/15/16	
Phenanthrene	400 U	400	83	1	12/16/16 18:17	12/15/16	
Phenol	400 U	400	140	1	12/16/16 18:17	12/15/16	
Pyrene	400 U	400	85	1	12/16/16 18:17	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	61	13 - 128	12/16/16 18:17	
2-Fluorobiphenyl	55	10 - 102	12/16/16 18:17	
2-Fluorophenol	44	16 - 129	12/16/16 18:17	
Nitrobenzene-d5	49	10 - 95	12/16/16 18:17	
Phenol-d6	51	10 - 145	12/16/16 18:17	
Terphenyl-d14	64	16 - 126	12/16/16 18:17	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
057964-40-6	3-[1-(4-Cyano-1,2,3,4-tetrahydrona	10.00	260	JN
	unknown	10.09	390	J
	unknown	10.29	390	J
000057-11-4	Octadecanoic acid	10.35	380	JN
	unknown	10.52	560	J
	unknown	10.87	270	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	10.95	250	J
	unknown	11.87	290	J
	unknown	3.12	2100	J
	unknown	3.34	57000	J
000694-87-1	Bicyclo[4.2.0]octa-1,3,5-triene	3.73	250	JN
	unknown	3.88	610	J
	unknown	6.20	870	J
	unknown	9.64	320	J
	unknown	9.67	750	J

Semivolatile Organic Compounds by GC

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-12	**Units:**	ug/Kg
Lab Code:	R1613026-007	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
4,4'-DDE	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
4,4'-DDT	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
Aldrin	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
Dieldrin	1.8 U	1.8	1.1	1	12/20/16 09:32	12/15/16	
Endosulfan I	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
Endosulfan II	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
Endosulfan Sulfate	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
Endrin	1.8 U	1.8	1.6	1	12/20/16 09:32	12/15/16	
Endrin Aldehyde	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
Endrin Ketone	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
Heptachlor	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
Heptachlor Epoxide	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
Methoxychlor	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
Toxaphene	18 U	18	9.0	1	12/20/16 09:32	12/15/16	
alpha-BHC	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
alpha-Chlordane	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
beta-BHC	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
delta-BHC	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
gamma-BHC (Lindane)	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	
gamma-Chlordane	1.8 U	1.8	0.90	1	12/20/16 09:32	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	96	10 - 122	12/20/16 09:32	
Tetrachloro-m-xylene	40	10 - 123	12/20/16 09:32	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-4	**Units:**	ug/Kg
Lab Code:	R1613026-008	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	110	U	110	55	50	12/20/16 09:50	12/15/16	
4,4'-DDE	110	U	110	55	50	12/20/16 09:50	12/15/16	
4,4'-DDT	**2400**		110	55	50	12/20/16 09:50	12/15/16	
Aldrin	**890**		110	55	50	12/20/16 09:50	12/15/16	
Dieldrin	110	U	110	66	50	12/20/16 09:50	12/15/16	
Endosulfan I	110	U	110	55	50	12/20/16 09:50	12/15/16	
Endosulfan II	**1700**		110	55	50	12/20/16 09:50	12/15/16	
Endosulfan Sulfate	110	U	110	55	50	12/20/16 09:50	12/15/16	
Endrin	**1600**		110	92	50	12/20/16 09:50	12/15/16	
Endrin Aldehyde	**460**		110	55	50	12/20/16 09:50	12/15/16	
Endrin Ketone	**860**		110	55	50	12/20/16 09:50	12/15/16	
Heptachlor	110	U	110	55	50	12/20/16 09:50	12/15/16	
Heptachlor Epoxide	110	U	110	55	50	12/20/16 09:50	12/15/16	
Methoxychlor	110	U	110	55	50	12/20/16 09:50	12/15/16	
Toxaphene	1100	U	1100	550	50	12/20/16 09:50	12/15/16	
alpha-BHC	110	U	110	55	50	12/20/16 09:50	12/15/16	
alpha-Chlordane	110	U	110	55	50	12/20/16 09:50	12/15/16	
beta-BHC	110	U	110	55	50	12/20/16 09:50	12/15/16	
delta-BHC	110	U	110	55	50	12/20/16 09:50	12/15/16	
gamma-BHC (Lindane)	110	U	110	55	50	12/20/16 09:50	12/15/16	
gamma-Chlordane	110	U	110	55	50	12/20/16 09:50	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	10 - 122	12/20/16 09:50	D
Tetrachloro-m-xylene	0 *	10 - 123	12/20/16 09:50	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Units:**	ug/Kg
Lab Code:	R1613026-009	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	110	U	110	55	50	12/20/16 10:08	12/15/16	
4,4'-DDE	110	U	110	55	50	12/20/16 10:08	12/15/16	
4,4'-DDT	**1900**		110	55	50	12/20/16 10:08	12/15/16	
Aldrin	**770**		110	55	50	12/20/16 10:08	12/15/16	
Dieldrin	110	U	110	66	50	12/20/16 10:08	12/15/16	
Endosulfan I	110	U	110	55	50	12/20/16 10:08	12/15/16	
Endosulfan II	**1500**		110	55	50	12/20/16 10:08	12/15/16	
Endosulfan Sulfate	110	U	110	55	50	12/20/16 10:08	12/15/16	
Endrin	**1600**	**P**	110	92	50	12/20/16 10:08	12/15/16	
Endrin Aldehyde	**570**		110	55	50	12/20/16 10:08	12/15/16	
Endrin Ketone	**800**		110	55	50	12/20/16 10:08	12/15/16	
Heptachlor	110	U	110	55	50	12/20/16 10:08	12/15/16	
Heptachlor Epoxide	110	U	110	55	50	12/20/16 10:08	12/15/16	
Methoxychlor	110	U	110	55	50	12/20/16 10:08	12/15/16	
Toxaphene	1100	U	1100	550	50	12/20/16 10:08	12/15/16	
alpha-BHC	110	U	110	55	50	12/20/16 10:08	12/15/16	
alpha-Chlordane	110	U	110	55	50	12/20/16 10:08	12/15/16	
beta-BHC	110	U	110	55	50	12/20/16 10:08	12/15/16	
delta-BHC	110	U	110	55	50	12/20/16 10:08	12/15/16	
gamma-BHC (Lindane)	110	U	110	55	50	12/20/16 10:08	12/15/16	
gamma-Chlordane	110	U	110	55	50	12/20/16 10:08	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	10 - 122	12/20/16 10:08	D
Tetrachloro-m-xylene	0 *	10 - 123	12/20/16 10:08	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-19	**Units:**	ug/Kg
Lab Code:	R1613026-010	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
4,4'-DDE	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
4,4'-DDT	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
Aldrin	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
Dieldrin	2.1 U	2.1	1.3	1	12/20/16 10:26	12/15/16	
Endosulfan I	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
Endosulfan II	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
Endosulfan Sulfate	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
Endrin	**2.3**	2.1	1.8	1	12/20/16 10:26	12/15/16	
Endrin Aldehyde	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
Endrin Ketone	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
Heptachlor	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
Heptachlor Epoxide	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
Methoxychlor	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
Toxaphene	21 U	21	11	1	12/20/16 10:26	12/15/16	
alpha-BHC	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
alpha-Chlordane	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
beta-BHC	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
delta-BHC	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
gamma-BHC (Lindane)	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	
gamma-Chlordane	2.1 U	2.1	1.1	1	12/20/16 10:26	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	79	10 - 122	12/20/16 10:26	
Tetrachloro-m-xylene	33	10 - 123	12/20/16 10:26	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-7	**Units:**	ug/Kg
Lab Code:	R1613026-011	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
4,4'-DDE	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
4,4'-DDT	**14**	1.9	0.96	1	12/20/16 10:44	12/15/16	
Aldrin	**4.1**	1.9	0.96	1	12/20/16 10:44	12/15/16	
Dieldrin	1.9 U	1.9	1.2	1	12/20/16 10:44	12/15/16	
Endosulfan I	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
Endosulfan II	**10**	1.9	0.96	1	12/20/16 10:44	12/15/16	
Endosulfan Sulfate	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
Endrin	**7.9**	1.9	1.7	1	12/20/16 10:44	12/15/16	
Endrin Aldehyde	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
Endrin Ketone	**4.4**	1.9	0.96	1	12/20/16 10:44	12/15/16	
Heptachlor	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
Heptachlor Epoxide	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
Methoxychlor	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
Toxaphene	19 U	19	9.6	1	12/20/16 10:44	12/15/16	
alpha-BHC	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
alpha-Chlordane	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
beta-BHC	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
delta-BHC	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
gamma-BHC (Lindane)	1.9 U	1.9	0.96	1	12/20/16 10:44	12/15/16	
gamma-Chlordane	**6.4**	1.9	0.96	1	12/20/16 10:44	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	79	10 - 122	12/20/16 10:44	
Tetrachloro-m-xylene	61	10 - 123	12/20/16 10:44	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 11:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-14	**Units:**	ug/Kg
Lab Code:	R1613026-012	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
4,4'-DDE	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
4,4'-DDT	**0.92**	**J**	1.8	0.90	1	12/20/16 11:02	12/15/16	
Aldrin	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
Dieldrin	1.8	U	1.8	1.1	1	12/20/16 11:02	12/15/16	
Endosulfan I	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
Endosulfan II	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
Endosulfan Sulfate	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
Endrin	1.8	U	1.8	1.6	1	12/20/16 11:02	12/15/16	
Endrin Aldehyde	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
Endrin Ketone	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
Heptachlor	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
Heptachlor Epoxide	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
Methoxychlor	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
Toxaphene	18	U	18	9.0	1	12/20/16 11:02	12/15/16	
alpha-BHC	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
alpha-Chlordane	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
beta-BHC	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
delta-BHC	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
gamma-BHC (Lindane)	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	
gamma-Chlordane	1.8	U	1.8	0.90	1	12/20/16 11:02	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	87	10 - 122	12/20/16 11:02	
Tetrachloro-m-xylene	70	10 - 123	12/20/16 11:02	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Units:**	ug/Kg
Lab Code:	R1613026-013	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	49	U	49	25	25	12/20/16 12:33	12/15/16	
4,4'-DDE	49	U	49	25	25	12/20/16 12:33	12/15/16	
4,4'-DDT	**1600**		49	25	25	12/20/16 12:33	12/15/16	
Aldrin	**410**		49	25	25	12/20/16 12:33	12/15/16	
Dieldrin	49	U	49	30	25	12/20/16 12:33	12/15/16	
Endosulfan I	49	U	49	25	25	12/20/16 12:33	12/15/16	
Endosulfan II	**990**		49	25	25	12/20/16 12:33	12/15/16	
Endosulfan Sulfate	49	U	49	25	25	12/20/16 12:33	12/15/16	
Endrin	**1400**	**P**	49	42	25	12/22/16 09:25	12/15/16	
Endrin Aldehyde	**290**		49	25	25	12/20/16 12:33	12/15/16	
Endrin Ketone	**680**		49	25	25	12/20/16 12:33	12/15/16	
Heptachlor	49	U	49	25	25	12/20/16 12:33	12/15/16	
Heptachlor Epoxide	49	U	49	25	25	12/20/16 12:33	12/15/16	
Methoxychlor	49	U	49	25	25	12/20/16 12:33	12/15/16	
Toxaphene	490	U	490	250	25	12/20/16 12:33	12/15/16	
alpha-BHC	49	U	49	25	25	12/20/16 12:33	12/15/16	
alpha-Chlordane	49	U	49	25	25	12/20/16 12:33	12/15/16	
beta-BHC	49	U	49	25	25	12/20/16 12:33	12/15/16	
delta-BHC	49	U	49	25	25	12/20/16 12:33	12/15/16	
gamma-BHC (Lindane)	49	U	49	25	25	12/20/16 12:33	12/15/16	
gamma-Chlordane	49	U	49	25	25	12/20/16 12:33	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	10 - 122	12/20/16 12:33	D
Tetrachloro-m-xylene	0 *	10 - 123	12/20/16 12:33	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-9	**Units:**	ug/Kg
Lab Code:	R1613026-014	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
4,4'-DDE	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
4,4'-DDT	**160**	9.6	4.8	5	12/20/16 12:51	12/15/16	
Aldrin	**67**	9.6	4.8	5	12/20/16 12:51	12/15/16	
Dieldrin	9.6 U	9.6	5.8	5	12/20/16 12:51	12/15/16	
Endosulfan I	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
Endosulfan II	**130**	9.6	4.8	5	12/20/16 12:51	12/15/16	
Endosulfan Sulfate	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
Endrin	**220**	9.6	8.1	5	12/22/16 09:42	12/15/16	
Endrin Aldehyde	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
Endrin Ketone	**65**	9.6	4.8	5	12/20/16 12:51	12/15/16	
Heptachlor	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
Heptachlor Epoxide	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
Methoxychlor	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
Toxaphene	96 U	96	48	5	12/20/16 12:51	12/15/16	
alpha-BHC	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
alpha-Chlordane	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
beta-BHC	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
delta-BHC	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
gamma-BHC (Lindane)	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	
gamma-Chlordane	9.6 U	9.6	4.8	5	12/20/16 12:51	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	45	10 - 122	12/20/16 12:51	
Tetrachloro-m-xylene	27	10 - 123	12/20/16 12:51	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Units:**	ug/Kg
Lab Code:	R1613026-015	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	54 U	54	27	25	12/20/16 13:09	12/15/16	
4,4'-DDE	54 U	54	27	25	12/20/16 13:09	12/15/16	
4,4'-DDT	54 U	54	27	25	12/20/16 13:09	12/15/16	
Aldrin	**260**	54	27	25	12/20/16 13:09	12/15/16	
Dieldrin	54 U	54	32	25	12/20/16 13:09	12/15/16	
Endosulfan I	54 U	54	27	25	12/20/16 13:09	12/15/16	
Endosulfan II	**450**	54	27	25	12/20/16 13:09	12/15/16	
Endosulfan Sulfate	54 U	54	27	25	12/20/16 13:09	12/15/16	
Endrin	**460**	54	45	25	12/22/16 10:00	12/15/16	
Endrin Aldehyde	**170**	54	27	25	12/20/16 13:09	12/15/16	
Endrin Ketone	**350**	54	27	25	12/20/16 13:09	12/15/16	
Heptachlor	54 U	54	27	25	12/20/16 13:09	12/15/16	
Heptachlor Epoxide	54 U	54	27	25	12/20/16 13:09	12/15/16	
Methoxychlor	54 U	54	27	25	12/20/16 13:09	12/15/16	
Toxaphene	540 U	540	270	25	12/20/16 13:09	12/15/16	
alpha-BHC	54 U	54	27	25	12/20/16 13:09	12/15/16	
alpha-Chlordane	54 U	54	27	25	12/20/16 13:09	12/15/16	
beta-BHC	54 U	54	27	25	12/20/16 13:09	12/15/16	
delta-BHC	54 U	54	27	25	12/20/16 13:09	12/15/16	
gamma-BHC (Lindane)	54 U	54	27	25	12/20/16 13:09	12/15/16	
gamma-Chlordane	54 U	54	27	25	12/20/16 13:09	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	10 - 122	12/20/16 13:09	D
Tetrachloro-m-xylene	0 *	10 - 123	12/20/16 13:09	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-18	**Units:**	ug/Kg
Lab Code:	R1613026-016	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
4,4'-DDE	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
4,4'-DDT	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
Aldrin	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
Dieldrin	1.8 U	1.8	1.1	1	12/20/16 11:20	12/15/16	
Endosulfan I	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
Endosulfan II	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
Endosulfan Sulfate	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
Endrin	1.8 U	1.8	1.6	1	12/20/16 11:20	12/15/16	
Endrin Aldehyde	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
Endrin Ketone	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
Heptachlor	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
Heptachlor Epoxide	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
Methoxychlor	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
Toxaphene	18 U	18	9.0	1	12/20/16 11:20	12/15/16	
alpha-BHC	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
alpha-Chlordane	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
beta-BHC	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
delta-BHC	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
gamma-BHC (Lindane)	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	
gamma-Chlordane	1.8 U	1.8	0.90	1	12/20/16 11:20	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	112	10 - 122	12/20/16 11:20	
Tetrachloro-m-xylene	87	10 - 123	12/20/16 11:20	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Units:**	ug/Kg
Lab Code:	R1613026-017	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	57 U	57	28	25	12/20/16 13:27	12/15/16	
4,4'-DDE	57 U	57	28	25	12/20/16 13:27	12/15/16	
4,4'-DDT	**960**	57	28	25	12/20/16 13:27	12/15/16	
Aldrin	**390**	57	28	25	12/20/16 13:27	12/15/16	
Dieldrin	57 U	57	34	25	12/20/16 13:27	12/15/16	
Endosulfan I	57 U	57	28	25	12/20/16 13:27	12/15/16	
Endosulfan II	**760**	57	28	25	12/20/16 13:27	12/15/16	
Endosulfan Sulfate	57 U	57	28	25	12/20/16 13:27	12/15/16	
Endrin	**680**	57	48	25	12/22/16 10:18	12/15/16	
Endrin Aldehyde	57 U	57	28	25	12/20/16 13:27	12/15/16	
Endrin Ketone	57 U	57	28	25	12/20/16 13:27	12/15/16	
Heptachlor	57 U	57	28	25	12/20/16 13:27	12/15/16	
Heptachlor Epoxide	57 U	57	28	25	12/20/16 13:27	12/15/16	
Methoxychlor	57 U	57	28	25	12/20/16 13:27	12/15/16	
Toxaphene	570 U	570	280	25	12/20/16 13:27	12/15/16	
alpha-BHC	57 U	57	28	25	12/20/16 13:27	12/15/16	
alpha-Chlordane	57 U	57	28	25	12/20/16 13:27	12/15/16	
beta-BHC	57 U	57	28	25	12/20/16 13:27	12/15/16	
delta-BHC	57 U	57	28	25	12/20/16 13:27	12/15/16	
gamma-BHC (Lindane)	57 U	57	28	25	12/20/16 13:27	12/15/16	
gamma-Chlordane	57 U	57	28	25	12/20/16 13:27	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	10 - 122	12/20/16 13:27	D
Tetrachloro-m-xylene	0 *	10 - 123	12/20/16 13:27	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-7	**Units:**	ug/Kg
Lab Code:	R1613026-018	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
4,4'-DDE	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
4,4'-DDT	**8.7**	2.1	1.1	1	12/20/16 13:45	12/15/16	
Aldrin	**6.0**	2.1	1.1	1	12/20/16 13:45	12/15/16	
Dieldrin	2.1 U	2.1	1.3	1	12/20/16 13:45	12/15/16	
Endosulfan I	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
Endosulfan II	**9.9**	2.1	1.1	1	12/20/16 13:45	12/15/16	
Endosulfan Sulfate	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
Endrin	**8.8**	2.1	1.8	1	12/22/16 10:37	12/15/16	
Endrin Aldehyde	**3.0**	2.1	1.1	1	12/20/16 13:45	12/15/16	
Endrin Ketone	**6.2**	2.1	1.1	1	12/20/16 13:45	12/15/16	
Heptachlor	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
Heptachlor Epoxide	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
Methoxychlor	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
Toxaphene	21 U	21	11	1	12/20/16 13:45	12/15/16	
alpha-BHC	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
alpha-Chlordane	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
beta-BHC	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
delta-BHC	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
gamma-BHC (Lindane)	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	
gamma-Chlordane	2.1 U	2.1	1.1	1	12/20/16 13:45	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	76	10 - 122	12/20/16 13:45	
Tetrachloro-m-xylene	59	10 - 123	12/20/16 13:45	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
4,4'-DDE	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
4,4'-DDT	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
Aldrin	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
Dieldrin	2.0	U	2.0	1.3	1	12/20/16 14:03	12/15/16	
Endosulfan I	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
Endosulfan II	**1.5**	**J**	2.0	1.1	1	12/20/16 14:03	12/15/16	
Endosulfan Sulfate	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
Endrin	2.0	U	2.0	1.8	1	12/20/16 14:03	12/15/16	
Endrin Aldehyde	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
Endrin Ketone	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
Heptachlor	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
Heptachlor Epoxide	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
Methoxychlor	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
Toxaphene	20	U	20	11	1	12/20/16 14:03	12/15/16	
alpha-BHC	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
alpha-Chlordane	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
beta-BHC	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
delta-BHC	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
gamma-BHC (Lindane)	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	
gamma-Chlordane	2.0	U	2.0	1.1	1	12/20/16 14:03	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	84	10 - 122	12/20/16 14:03	
Tetrachloro-m-xylene	49	10 - 123	12/20/16 14:03	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:25
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-12	**Units:**	ug/Kg
Lab Code:	R1613026-001	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	2300 U	2300	1200	50	12/22/16 08:47	12/16/16	
Aroclor 1221	4700 U	4700	2400	50	12/22/16 08:47	12/16/16	
Aroclor 1232	2300 U	2300	1200	50	12/22/16 08:47	12/16/16	
Aroclor 1242	2300 U	2300	1200	50	12/22/16 08:47	12/16/16	
Aroclor 1248	**11000**	2300	1200	50	12/22/16 08:47	12/16/16	
Aroclor 1254	**9100**	2300	1400	50	12/22/16 08:47	12/16/16	
Aroclor 1260	**1800 J**	2300	1200	50	12/22/16 08:47	12/16/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/22/16 08:47	D
Tetrachloro-m-xylene	0 *	14 - 119	12/22/16 08:47	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-15	**Units:**	ug/Kg
Lab Code:	R1613026-002	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	37 U	37	20	1	12/22/16 09:07	12/16/16	
Aroclor 1221	75 U	75	39	1	12/22/16 09:07	12/16/16	
Aroclor 1232	37 U	37	20	1	12/22/16 09:07	12/16/16	
Aroclor 1242	37 U	37	20	1	12/22/16 09:07	12/16/16	
Aroclor 1248	37 U	37	20	1	12/22/16 09:07	12/16/16	
Aroclor 1254	37 U	37	22	1	12/22/16 09:07	12/16/16	
Aroclor 1260	37 U	37	20	1	12/22/16 09:07	12/16/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	80	22 - 128	12/22/16 09:07	
Tetrachloro-m-xylene	58	14 - 119	12/22/16 09:07	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:55
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-18	**Units:**	ug/Kg
Lab Code:	R1613026-003	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	40 U	40	21	1	12/22/16 09:26	12/16/16	
Aroclor 1221	81 U	81	42	1	12/22/16 09:26	12/16/16	
Aroclor 1232	40 U	40	21	1	12/22/16 09:26	12/16/16	
Aroclor 1242	40 U	40	21	1	12/22/16 09:26	12/16/16	
Aroclor 1248	40 U	40	21	1	12/22/16 09:26	12/16/16	
Aroclor 1254	40 U	40	23	1	12/22/16 09:26	12/16/16	
Aroclor 1260	40 U	40	21	1	12/22/16 09:26	12/16/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	62	22 - 128	12/22/16 09:26	
Tetrachloro-m-xylene	54	14 - 119	12/22/16 09:26	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:05
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-2	**Units:**	ug/Kg
Lab Code:	R1613026-004	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	200 U	200	110	5	12/22/16 09:46	12/16/16	
Aroclor 1221	400 U	400	210	5	12/22/16 09:46	12/16/16	
Aroclor 1232	200 U	200	110	5	12/22/16 09:46	12/16/16	
Aroclor 1242	200 U	200	110	5	12/22/16 09:46	12/16/16	
Aroclor 1248	**1000**	200	110	5	12/22/16 09:46	12/16/16	
Aroclor 1254	**1400**	200	120	5	12/22/16 09:46	12/16/16	
Aroclor 1260	**710**	200	110	5	12/22/16 09:46	12/16/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	80	22 - 128	12/22/16 09:46	
Tetrachloro-m-xylene	64	14 - 119	12/22/16 09:46	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:20
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-5	**Units:**	ug/Kg
Lab Code:	R1613026-005	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	37 U	37	19	1	12/22/16 10:05	12/16/16	
Aroclor 1221	74 U	74	38	1	12/22/16 10:05	12/16/16	
Aroclor 1232	37 U	37	19	1	12/22/16 10:05	12/16/16	
Aroclor 1242	37 U	37	19	1	12/22/16 10:05	12/16/16	
Aroclor 1248	37 U	37	19	1	12/22/16 10:05	12/16/16	
Aroclor 1254	37 U	37	22	1	12/22/16 10:05	12/16/16	
Aroclor 1260	37 U	37	19	1	12/22/16 10:05	12/16/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	22 - 128	12/22/16 10:05	
Tetrachloro-m-xylene	54	14 - 119	12/22/16 10:05	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-10	**Units:**	ug/Kg
Lab Code:	R1613026-006	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	36 U	36	19	1	12/22/16 10:25	12/16/16	
Aroclor 1221	74 U	74	38	1	12/22/16 10:25	12/16/16	
Aroclor 1232	36 U	36	19	1	12/22/16 10:25	12/16/16	
Aroclor 1242	36 U	36	19	1	12/22/16 10:25	12/16/16	
Aroclor 1248	36 U	36	19	1	12/22/16 10:25	12/16/16	
Aroclor 1254	36 U	36	21	1	12/22/16 10:25	12/16/16	
Aroclor 1260	36 U	36	19	1	12/22/16 10:25	12/16/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	86	22 - 128	12/22/16 10:25	
Tetrachloro-m-xylene	55	14 - 119	12/22/16 10:25	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-12	**Units:**	ug/Kg
Lab Code:	R1613026-007	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	35 U	35	19	1	12/19/16 16:08	12/15/16	
Aroclor 1221	71 U	71	37	1	12/19/16 16:08	12/15/16	
Aroclor 1232	35 U	35	19	1	12/19/16 16:08	12/15/16	
Aroclor 1242	35 U	35	19	1	12/19/16 16:08	12/15/16	
Aroclor 1248	35 U	35	19	1	12/19/16 16:08	12/15/16	
Aroclor 1254	35 U	35	21	1	12/19/16 16:08	12/15/16	
Aroclor 1260	35 U	35	19	1	12/19/16 16:08	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	98	22 - 128	12/19/16 16:08	
Tetrachloro-m-xylene	50	14 - 119	12/19/16 16:08	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-4	**Units:**	ug/Kg
Lab Code:	R1613026-008	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	21000 U	21000	11000	500	12/20/16 09:04	12/15/16	
Aroclor 1221	43000 U	43000	22000	500	12/20/16 09:04	12/15/16	
Aroclor 1232	21000 U	21000	11000	500	12/20/16 09:04	12/15/16	
Aroclor 1242	21000 U	21000	11000	500	12/20/16 09:04	12/15/16	
Aroclor 1248	**98000**	21000	11000	500	12/20/16 09:04	12/15/16	
Aroclor 1254	**58000**	21000	13000	500	12/20/16 09:04	12/15/16	
Aroclor 1260	21000 U	21000	11000	500	12/20/16 09:04	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/20/16 09:04	D
Tetrachloro-m-xylene	0 *	14 - 119	12/20/16 09:04	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Units:**	ug/Kg
Lab Code:	R1613026-009	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	8500 U	8500	4400	200	12/20/16 17:43	12/15/16	
Aroclor 1221	17000 U	17000	8800	200	12/20/16 17:43	12/15/16	
Aroclor 1232	8500 U	8500	4400	200	12/20/16 17:43	12/15/16	
Aroclor 1242	8500 U	8500	4400	200	12/20/16 17:43	12/15/16	
Aroclor 1248	**51000**	8500	4400	200	12/20/16 17:43	12/15/16	
Aroclor 1254	**42000**	8500	5000	200	12/20/16 17:43	12/15/16	
Aroclor 1260	**7600 J**	8500	4400	200	12/20/16 17:43	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/20/16 17:43	D
Tetrachloro-m-xylene	0 *	14 - 119	12/20/16 17:43	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-19	**Units:**	ug/Kg
Lab Code:	R1613026-010	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	41 U	41	21	1	12/19/16 17:07	12/15/16	
Aroclor 1221	83 U	83	42	1	12/19/16 17:07	12/15/16	
Aroclor 1232	41 U	41	21	1	12/19/16 17:07	12/15/16	
Aroclor 1242	41 U	41	21	1	12/19/16 17:07	12/15/16	
Aroclor 1248	**61**	41	21	1	12/19/16 17:07	12/15/16	
Aroclor 1254	**52**	41	24	1	12/19/16 17:07	12/15/16	
Aroclor 1260	41 U	41	21	1	12/19/16 17:07	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	72	22 - 128	12/19/16 17:07	
Tetrachloro-m-xylene	32	14 - 119	12/19/16 17:07	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-7	**Units:**	ug/Kg
Lab Code:	R1613026-011	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	75 U	75	39	2	12/20/16 09:43	12/15/16	
Aroclor 1221	150 U	150	77	2	12/20/16 09:43	12/15/16	
Aroclor 1232	75 U	75	39	2	12/20/16 09:43	12/15/16	
Aroclor 1242	75 U	75	39	2	12/20/16 09:43	12/15/16	
Aroclor 1248	**330**	75	39	2	12/20/16 09:43	12/15/16	
Aroclor 1254	**290**	75	44	2	12/20/16 09:43	12/15/16	
Aroclor 1260	**52 J**	75	39	2	12/20/16 09:43	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	86	22 - 128	12/20/16 09:43	
Tetrachloro-m-xylene	73	14 - 119	12/20/16 09:43	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 11:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-14	**Units:**	ug/Kg
Lab Code:	R1613026-012	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	35 U	35	19	1	12/19/16 17:46	12/15/16	
Aroclor 1221	72 U	72	37	1	12/19/16 17:46	12/15/16	
Aroclor 1232	35 U	35	19	1	12/19/16 17:46	12/15/16	
Aroclor 1242	35 U	35	19	1	12/19/16 17:46	12/15/16	
Aroclor 1248	35 U	35	19	1	12/19/16 17:46	12/15/16	
Aroclor 1254	35 U	35	21	1	12/19/16 17:46	12/15/16	
Aroclor 1260	35 U	35	19	1	12/19/16 17:46	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	61	22 - 128	12/19/16 17:46	
Tetrachloro-m-xylene	57	14 - 119	12/19/16 17:46	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Units:**	ug/Kg
Lab Code:	R1613026-013	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	3800 U	3800	2000	100	12/20/16 10:02	12/15/16	
Aroclor 1221	7800 U	7800	4000	100	12/20/16 10:02	12/15/16	
Aroclor 1232	3800 U	3800	2000	100	12/20/16 10:02	12/15/16	
Aroclor 1242	3800 U	3800	2000	100	12/20/16 10:02	12/15/16	
Aroclor 1248	**26000**	3800	2000	100	12/20/16 10:02	12/15/16	
Aroclor 1254	**33000**	3800	2300	100	12/20/16 10:02	12/15/16	
Aroclor 1260	**8200**	3800	2000	100	12/20/16 10:02	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/20/16 10:02	D
Tetrachloro-m-xylene	0 *	14 - 119	12/20/16 10:02	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-9	**Units:**	ug/Kg
Lab Code:	R1613026-014	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	3700 U	3700	2000	100	12/20/16 10:22	12/15/16	
Aroclor 1221	7600 U	7600	3900	100	12/20/16 10:22	12/15/16	
Aroclor 1232	3700 U	3700	2000	100	12/20/16 10:22	12/15/16	
Aroclor 1242	3700 U	3700	2000	100	12/20/16 10:22	12/15/16	
Aroclor 1248	**18000**	3700	2000	100	12/20/16 10:22	12/15/16	
Aroclor 1254	**12000**	3700	2200	100	12/20/16 10:22	12/15/16	
Aroclor 1260	3700 U	3700	2000	100	12/20/16 10:22	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/20/16 10:22	D
Tetrachloro-m-xylene	0 *	14 - 119	12/20/16 10:22	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Units:**	ug/Kg
Lab Code:	R1613026-015	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	4200 U	4200	2200	100	12/20/16 10:41	12/15/16	
Aroclor 1221	8400 U	8400	4300	100	12/20/16 10:41	12/15/16	
Aroclor 1232	4200 U	4200	2200	100	12/20/16 10:41	12/15/16	
Aroclor 1242	4200 U	4200	2200	100	12/20/16 10:41	12/15/16	
Aroclor 1248	**20000**	4200	2200	100	12/20/16 10:41	12/15/16	
Aroclor 1254	**16000**	4200	2400	100	12/20/16 10:41	12/15/16	
Aroclor 1260	**3800 J**	4200	2200	100	12/20/16 10:41	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/20/16 10:41	D
Tetrachloro-m-xylene	0 *	14 - 119	12/20/16 10:41	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-18	**Units:**	ug/Kg
Lab Code:	R1613026-016	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	35 U	35	19	1	12/19/16 19:43	12/15/16	
Aroclor 1221	71 U	71	37	1	12/19/16 19:43	12/15/16	
Aroclor 1232	35 U	35	19	1	12/19/16 19:43	12/15/16	
Aroclor 1242	35 U	35	19	1	12/19/16 19:43	12/15/16	
Aroclor 1248	35 U	35	19	1	12/19/16 19:43	12/15/16	
Aroclor 1254	35 U	35	21	1	12/19/16 19:43	12/15/16	
Aroclor 1260	35 U	35	19	1	12/19/16 19:43	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	97	22 - 128	12/19/16 19:43	
Tetrachloro-m-xylene	80	14 - 119	12/19/16 19:43	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Units:**	ug/Kg
Lab Code:	R1613026-017	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	4400 U	4400	2300	100	12/20/16 11:01	12/15/16	
Aroclor 1221	8900 U	8900	4600	100	12/20/16 11:01	12/15/16	
Aroclor 1232	4400 U	4400	2300	100	12/20/16 11:01	12/15/16	
Aroclor 1242	4400 U	4400	2300	100	12/20/16 11:01	12/15/16	
Aroclor 1248	**27000**	4400	2300	100	12/20/16 11:01	12/15/16	
Aroclor 1254	**25000**	4400	2600	100	12/20/16 11:01	12/15/16	
Aroclor 1260	**8900**	4400	2300	100	12/20/16 11:01	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/20/16 11:01	D
Tetrachloro-m-xylene	0 *	14 - 119	12/20/16 11:01	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-7	**Units:**	ug/Kg
Lab Code:	R1613026-018	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	41 U	41	22	1	12/19/16 20:22	12/15/16	
Aroclor 1221	84 U	84	43	1	12/19/16 20:22	12/15/16	
Aroclor 1232	41 U	41	22	1	12/19/16 20:22	12/15/16	
Aroclor 1242	41 U	41	22	1	12/19/16 20:22	12/15/16	
Aroclor 1248	**330**	41	22	1	12/19/16 20:22	12/15/16	
Aroclor 1254	**290**	41	24	1	12/19/16 20:22	12/15/16	
Aroclor 1260	**85**	41	22	1	12/19/16 20:22	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	82	22 - 128	12/19/16 20:22	
Tetrachloro-m-xylene	66	14 - 119	12/19/16 20:22	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	40 U	40	21	1	12/19/16 20:42	12/15/16	
Aroclor 1221	80 U	80	41	1	12/19/16 20:42	12/15/16	
Aroclor 1232	40 U	40	21	1	12/19/16 20:42	12/15/16	
Aroclor 1242	40 U	40	21	1	12/19/16 20:42	12/15/16	
Aroclor 1248	**28 J**	40	21	1	12/19/16 20:42	12/15/16	
Aroclor 1254	**48**	40	23	1	12/19/16 20:42	12/15/16	
Aroclor 1260	40 U	40	21	1	12/19/16 20:42	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	88	22 - 128	12/19/16 20:42	
Tetrachloro-m-xylene	51	14 - 119	12/19/16 20:42	

Metals

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METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/12/2016
Project Name:
Date Received: 12/13/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-101-12 **Lab Code:** R1613026-001

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	14.0	5.1	1.0	8070		
Antimony	6010C	8.4	0.236	1.0	43.5		
Arsenic	6010C	1.4	0.232	1.0	19.4		
Barium	6010C	2.8	0.145	1.0	1650		
Beryllium	6010C	0.420	0.017	1.0	0.252	J	
Cadmium	6010C	0.700	0.038	1.0	54.5		
Mercury	7471B	0.045	0.004	1.0	1.5		
Calcium	6010C	5600	746	40.0	33000		N
Chromium	6010C	1.4	0.057	1.0	163		
Cobalt	6010C	7.0	0.057	1.0	34.4		
Copper	6010C	112	6.2	40.0	1340		
Iron	6010C	560	47.7	40.0	168000		
Lead	6010C	280	8.0	40.0	2900		
Magnesium	6010C	140	2.1	1.0	8280		
Manganese	6010C	1.4	0.064	1.0	840		N
Nickel	6010C	5.6	0.177	1.0	442		
Potassium	6010C	280	5.7	1.0	562		
Selenium	6010C	56.0	33.1	40.0	56.0	U	
Silver	6010C	1.4	0.061	1.0	2.9		
Sodium	6010C	140	11.0	1.0	672		
Thallium	6010C	56.0	28.1	40.0	56.0	U	
Vanadium	6010C	7.0	0.094	1.0	25.1		
Zinc	6010C	112	6.9	40.0	8320		

% Solids: 71.4

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/12/2016
Project Name:
Date Received: 12/13/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-101-15
Lab Code: R1613026-002

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	10.7	3.9	1.0	2660		
Antimony	6010C	6.4	0.180	1.0	6.4	U	
Arsenic	6010C	1.1	0.177	1.0	1.3		
Barium	6010C	2.1	0.111	1.0	37.4		
Beryllium	6010C	0.321	0.013	1.0	0.107	J	
Cadmium	6010C	0.535	0.029	1.0	0.535	U	
Mercury	7471B	0.037	0.003	1.0	0.009	J	
Calcium	6010C	107	14.3	1.0	863		N
Chromium	6010C	1.1	0.044	1.0	5.7		
Cobalt	6010C	5.4	0.043	1.0	2.3	J	
Copper	6010C	2.1	0.118	1.0	7.2		
Iron	6010C	53.5	4.6	5.0	5950		
Lead	6010C	5.4	0.153	1.0	7.1		
Magnesium	6010C	107	1.6	1.0	1220		
Manganese	6010C	1.1	0.049	1.0	63.1		N
Nickel	6010C	4.3	0.135	1.0	3.8	J	
Potassium	6010C	214	4.4	1.0	457		
Selenium	6010C	1.1	0.632	1.0	1.1	U	
Silver	6010C	1.1	0.047	1.0	1.1	U	
Sodium	6010C	107	8.4	1.0	47.5	J	
Thallium	6010C	1.1	0.536	1.0	1.1	U	
Vanadium	6010C	5.4	0.072	1.0	6.9		
Zinc	6010C	2.1	0.132	1.0	26.0		

% Solids: 89.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SB-101-12
Project No.:	R1613026	**Date Collected:**	12/12/2016
Project Name:		**Date Received:**	12/13/2016
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **FT-SB-101-18** **Lab Code:** **R1613026-003**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	11.9	4.3	1.0	1450		
Antimony	6010C	7.1	0.200	1.0	7.1	U	
Arsenic	6010C	1.2	0.196	1.0	0.202	J	
Barium	6010C	2.4	0.123	1.0	29.3		
Beryllium	6010C	0.356	0.014	1.0	0.059	J	
Cadmium	6010C	0.593	0.032	1.0	0.593	U	
Mercury	7471B	0.040	0.004	1.0	0.040	U	
Calcium	6010C	119	15.8	1.0	574		N
Chromium	6010C	1.2	0.048	1.0	2.3		
Cobalt	6010C	5.9	0.048	1.0	1.4	J	
Copper	6010C	2.4	0.130	1.0	3.6		
Iron	6010C	11.9	1.0	1.0	3990		
Lead	6010C	5.9	0.170	1.0	1.5	J	
Magnesium	6010C	119	1.8	1.0	701		
Manganese	6010C	1.2	0.054	1.0	328		N
Nickel	6010C	4.8	0.150	1.0	1.7	J	
Potassium	6010C	237	4.8	1.0	310		
Selenium	6010C	1.2	0.701	1.0	1.2	U	
Silver	6010C	1.2	0.052	1.0	1.2	U	
Sodium	6010C	119	9.3	1.0	32.5	J	
Thallium	6010C	1.2	0.595	1.0	1.2	U	
Vanadium	6010C	5.9	0.080	1.0	3.8	J	
Zinc	6010C	2.4	0.146	1.0	9.1		

% Solids: **82.6**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/12/2016
Project Name:
Date Received: 12/13/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-108-2
Lab Code: R1613026-004

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	11.8	4.3	1.0	6530		
Antimony	6010C	7.1	0.199	1.0	1.1	J	
Arsenic	6010C	1.2	0.195	1.0	2.4		
Barium	6010C	2.4	0.123	1.0	70.8		
Beryllium	6010C	0.354	0.014	1.0	0.106	J	
Cadmium	6010C	0.591	0.032	1.0	1.6		
Mercury	7471B	0.037	0.003	1.0	0.085		
Calcium	6010C	118	15.7	1.0	1710		N
Chromium	6010C	1.2	0.048	1.0	9.9		
Cobalt	6010C	5.9	0.048	1.0	3.6	J	
Copper	6010C	23.6	1.3	10.0	324		
Iron	6010C	118	10.1	10.0	15200		
Lead	6010C	5.9	0.169	1.0	91.1		
Magnesium	6010C	118	1.8	1.0	1080		
Manganese	6010C	1.2	0.054	1.0	171		N
Nickel	6010C	4.7	0.149	1.0	12.0		
Potassium	6010C	236	4.8	1.0	264		
Selenium	6010C	1.2	0.698	1.0	1.2	U	
Silver	6010C	1.2	0.052	1.0	0.260	J	
Sodium	6010C	118	9.2	1.0	124		
Thallium	6010C	1.2	0.592	1.0	1.2	U	
Vanadium	6010C	5.9	0.080	1.0	11.1		
Zinc	6010C	2.4	0.145	1.0	273		

% Solids: 83.8

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/12/2016
Project Name:
Date Received: 12/13/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-108-5
Lab Code: R1613026-005

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	11.0	4.0	1.0	2380		
Antimony	6010C	6.6	0.185	1.0	6.6	U	
Arsenic	6010C	1.1	0.181	1.0	0.746	J	
Barium	6010C	2.2	0.114	1.0	14.4		
Beryllium	6010C	0.329	0.013	1.0	0.066	J	
Cadmium	6010C	0.548	0.029	1.0	0.548	U	
Mercury	7471B	0.034	0.003	1.0	0.034	U	
Calcium	6010C	110	14.6	1.0	259		N
Chromium	6010C	1.1	0.045	1.0	3.0		
Cobalt	6010C	5.5	0.044	1.0	1.7	J	
Copper	6010C	2.2	0.121	1.0	4.8		
Iron	6010C	11.0	0.934	1.0	4320		
Lead	6010C	5.5	0.157	1.0	1.2	J	
Magnesium	6010C	110	1.6	1.0	774		
Manganese	6010C	1.1	0.050	1.0	37.1		N
Nickel	6010C	4.4	0.139	1.0	2.9	J	
Potassium	6010C	219	4.5	1.0	280		
Selenium	6010C	1.1	0.648	1.0	1.1	U	
Silver	6010C	1.1	0.048	1.0	1.1	U	
Sodium	6010C	110	8.6	1.0	10.4	J	
Thallium	6010C	1.1	0.549	1.0	1.1	U	
Vanadium	6010C	5.5	0.074	1.0	4.4	J	
Zinc	6010C	2.2	0.135	1.0	8.1		

% Solids: 90.3

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/12/2016
Project Name:
Date Received: 12/13/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-108-10
Lab Code: R1613026-006

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	10.5	3.8	1.0	3150		
Antimony	6010C	6.3	0.177	1.0	6.3	U	
Arsenic	6010C	1.1	0.174	1.0	1.1		
Barium	6010C	2.1	0.109	1.0	25.2		
Beryllium	6010C	0.316	0.013	1.0	0.137	J	
Cadmium	6010C	0.526	0.028	1.0	0.526	U	
Mercury	7471B	0.036	0.003	1.0	0.036	U	
Calcium	6010C	105	14.0	1.0	214		N
Chromium	6010C	1.1	0.043	1.0	3.6		
Cobalt	6010C	5.3	0.043	1.0	2.4	J	
Copper	6010C	2.1	0.116	1.0	6.3		
Iron	6010C	52.6	4.5	5.0	6950		
Lead	6010C	5.3	0.151	1.0	1.3	J	
Magnesium	6010C	105	1.6	1.0	1180		
Manganese	6010C	1.1	0.048	1.0	319		N
Nickel	6010C	4.2	0.133	1.0	4.4		
Potassium	6010C	210	4.3	1.0	425		
Selenium	6010C	1.1	0.622	1.0	1.1	U	
Silver	6010C	1.1	0.046	1.0	1.1	U	
Sodium	6010C	105	8.2	1.0	8.3	J	
Thallium	6010C	1.1	0.527	1.0	1.1	U	
Vanadium	6010C	5.3	0.071	1.0	5.8		
Zinc	6010C	2.1	0.129	1.0	11.2		

% Solids: 90.5

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/13/2016
Project Name:
Date Received: 12/14/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-112-12
Lab Code: R1613026-007

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	10.4	3.8	1.0	3670		
Antimony	6010C	6.2	0.175	1.0	6.2	U	
Arsenic	6010C	1.0	0.172	1.0	1.3		
Barium	6010C	2.1	0.108	1.0	23.4		
Beryllium	6010C	0.312	0.012	1.0	0.104	J	
Cadmium	6010C	0.519	0.028	1.0	0.519	U	
Mercury	7471B	0.034	0.003	1.0	0.034	U	
Calcium	6010C	104	13.8	1.0	169		N
Chromium	6010C	1.0	0.042	1.0	3.9		
Cobalt	6010C	5.2	0.042	1.0	2.6	J	
Copper	6010C	2.1	0.114	1.0	5.3		
Iron	6010C	51.9	4.4	5.0	6720		
Lead	6010C	5.2	0.149	1.0	1.1	J	
Magnesium	6010C	104	1.5	1.0	1110		
Manganese	6010C	1.0	0.048	1.0	133		N
Nickel	6010C	4.2	0.131	1.0	3.1	J	
Potassium	6010C	208	4.2	1.0	480		
Selenium	6010C	1.0	0.613	1.0	1.0	U	
Silver	6010C	1.0	0.046	1.0	1.0	U	
Sodium	6010C	104	8.1	1.0	21.6	J	
Thallium	6010C	1.0	0.520	1.0	1.0	U	
Vanadium	6010C	5.2	0.070	1.0	6.0		
Zinc	6010C	2.1	0.128	1.0	9.9		

% Solids: 93.5

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/13/2016
Project Name:
Date Received: 12/14/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-112-4
Lab Code: R1613026-008

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	12.9	4.7	1.0	8120		
Antimony	6010C	7.7	0.218	1.0	33.0		
Arsenic	6010C	1.3	0.213	1.0	16.9		
Barium	6010C	2.6	0.134	1.0	1330		
Beryllium	6010C	0.387	0.015	1.0	0.142	J	
Cadmium	6010C	0.645	0.035	1.0	52.5		
Mercury	7471B	0.397	0.035	10.0	2.2		
Calcium	6010C	5160	688	40.0	27000		N
Chromium	6010C	1.3	0.053	1.0	127		
Cobalt	6010C	6.5	0.052	1.0	42.5		
Copper	6010C	103	5.7	40.0	1280		
Iron	6010C	516	44.0	40.0	164000		
Lead	6010C	258	7.4	40.0	2150		
Magnesium	6010C	129	1.9	1.0	6260		
Manganese	6010C	1.3	0.059	1.0	836		N
Nickel	6010C	5.2	0.163	1.0	280		
Potassium	6010C	258	5.2	1.0	342		
Selenium	6010C	51.6	30.5	40.0	51.6	U	
Silver	6010C	1.3	0.057	1.0	3.4		
Sodium	6010C	129	10.1	1.0	441		
Thallium	6010C	51.6	25.9	40.0	51.6	U	
Vanadium	6010C	6.5	0.087	1.0	18.9		
Zinc	6010C	103	6.3	40.0	6210		

% Solids: 77.5

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/13/2016
Project Name:
Date Received: 12/14/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-112-2
Lab Code: R1613026-009

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	12.4	4.5	1.0	4460		
Antimony	6010C	7.5	0.210	1.0	55.2		
Arsenic	6010C	1.2	0.206	1.0	19.5		
Barium	6010C	2.5	0.129	1.0	1630		
Beryllium	6010C	0.373	0.015	1.0	0.124	J	
Cadmium	6010C	0.622	0.033	1.0	41.9		
Mercury	7471B	0.429	0.038	10.0	3.7		
Calcium	6010C	4980	663	40.0	26100		N
Chromium	6010C	1.2	0.051	1.0	165		
Cobalt	6010C	6.2	0.050	1.0	36.3		
Copper	6010C	99.6	5.5	40.0	1520		
Iron	6010C	498	42.4	40.0	177000		
Lead	6010C	249	7.1	40.0	2520		
Magnesium	6010C	124	1.8	1.0	6740		
Manganese	6010C	1.2	0.057	1.0	873		N
Nickel	6010C	5.0	0.157	1.0	358		
Potassium	6010C	249	5.1	1.0	267		
Selenium	6010C	49.8	29.4	40.0	49.8	U	
Silver	6010C	1.2	0.055	1.0	2.3		
Sodium	6010C	124	9.7	1.0	389		
Thallium	6010C	49.8	25.0	40.0	49.8	U	
Vanadium	6010C	6.2	0.084	1.0	17.3		
Zinc	6010C	99.6	6.1	40.0	6710		

% Solids: 76.5

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/13/2016
Project Name:
Date Received: 12/14/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-109-19 **Lab Code:** R1613026-010

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	12.0	4.3	1.0	2510		
Antimony	6010C	7.2	0.202	1.0	1.0	J	
Arsenic	6010C	1.2	0.198	1.0	4.5		
Barium	6010C	2.4	0.124	1.0	60.4		
Beryllium	6010C	0.359	0.014	1.0	0.060	J	
Cadmium	6010C	0.598	0.032	1.0	1.6		
Mercury	7471B	0.038	0.003	1.0	0.092		
Calcium	6010C	120	15.9	1.0	893		N
Chromium	6010C	1.2	0.049	1.0	7.7		
Cobalt	6010C	6.0	0.048	1.0	3.4	J	
Copper	6010C	2.4	0.131	1.0	51.7		
Iron	6010C	120	10.2	10.0	16500		
Lead	6010C	6.0	0.171	1.0	68.2		
Magnesium	6010C	120	1.8	1.0	861		
Manganese	6010C	1.2	0.055	1.0	87.0		N
Nickel	6010C	4.8	0.151	1.0	16.4		
Potassium	6010C	239	4.9	1.0	249		
Selenium	6010C	1.2	0.707	1.0	1.2	U	
Silver	6010C	1.2	0.053	1.0	0.084	J	
Sodium	6010C	120	9.4	1.0	33.4	J	
Thallium	6010C	1.2	0.599	1.0	1.2	U	
Vanadium	6010C	6.0	0.081	1.0	4.5	J	
Zinc	6010C	2.4	0.147	1.0	219		

% Solids: 80.4

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/13/2016
Project Name:
Date Received: 12/14/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-112-7
Lab Code: R1613026-011

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	10.8	3.9	1.0	2650		
Antimony	6010C	6.5	0.182	1.0	6.5	U	
Arsenic	6010C	1.1	0.179	1.0	0.757	J	
Barium	6010C	2.2	0.112	1.0	10.8		
Beryllium	6010C	0.324	0.013	1.0	0.065	J	
Cadmium	6010C	0.541	0.029	1.0	0.541	U	
Mercury	7471B	0.035	0.003	1.0	0.020	J	
Calcium	6010C	108	14.4	1.0	179		N
Chromium	6010C	1.1	0.044	1.0	3.7		
Cobalt	6010C	5.4	0.044	1.0	1.6	J	
Copper	6010C	2.2	0.119	1.0	3.8		
Iron	6010C	10.8	0.921	1.0	4750		
Lead	6010C	5.4	0.155	1.0	5.0	J	
Magnesium	6010C	108	1.6	1.0	806		
Manganese	6010C	1.1	0.050	1.0	54.1		N
Nickel	6010C	4.3	0.137	1.0	3.3	J	
Potassium	6010C	216	4.4	1.0	276		
Selenium	6010C	1.1	0.639	1.0	1.1	U	
Silver	6010C	1.1	0.047	1.0	1.1	U	
Sodium	6010C	108	8.5	1.0	33.4	J	
Thallium	6010C	1.1	0.542	1.0	1.1	U	
Vanadium	6010C	5.4	0.073	1.0	5.1	J	
Zinc	6010C	2.2	0.133	1.0	18.1		

% Solids: 88.1

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/13/2016
Project Name:
Date Received: 12/14/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-111-14
Lab Code: R1613026-012

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	10.6	3.8	1.0	3070		
Antimony	6010C	6.4	0.178	1.0	6.4	U	
Arsenic	6010C	1.1	0.175	1.0	0.889	J	
Barium	6010C	2.1	0.110	1.0	25.7		
Beryllium	6010C	0.317	0.013	1.0	0.106	J	
Cadmium	6010C	0.529	0.028	1.0	0.529	U	
Mercury	7471B	0.035	0.003	1.0	0.011	J	
Calcium	6010C	106	14.1	1.0	232		N
Chromium	6010C	1.1	0.043	1.0	7.5		
Cobalt	6010C	5.3	0.043	1.0	2.2	J	
Copper	6010C	2.1	0.116	1.0	7.7		
Iron	6010C	52.9	4.5	5.0	6140		
Lead	6010C	5.3	0.152	1.0	3.4	J	
Magnesium	6010C	106	1.6	1.0	1070		
Manganese	6010C	1.1	0.048	1.0	264		N
Nickel	6010C	4.2	0.134	1.0	4.1	J	
Potassium	6010C	212	4.3	1.0	456		
Selenium	6010C	1.1	0.625	1.0	1.1	U	
Silver	6010C	1.1	0.046	1.0	1.1	U	
Sodium	6010C	106	8.3	1.0	37.5	J	
Thallium	6010C	1.1	0.530	1.0	1.1	U	
Vanadium	6010C	5.3	0.071	1.0	5.8		
Zinc	6010C	2.1	0.130	1.0	15.4		

% Solids: 93.6

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/13/2016
Project Name:
Date Received: 12/14/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-111-4
Lab Code: R1613026-013

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	11.7	4.3	1.0	5110		
Antimony	6010C	7.0	0.198	1.0	68.9		
Arsenic	6010C	1.2	0.194	1.0	25.0		
Barium	6010C	2.3	0.122	1.0	1420		
Beryllium	6010C	0.352	0.014	1.0	0.188	J	
Cadmium	6010C	0.586	0.032	1.0	109		
Mercury	7471B	0.378	0.033	10.0	5.2		
Calcium	6010C	4690	625	40.0	30900		N
Chromium	6010C	1.2	0.048	1.0	235		
Cobalt	6010C	5.9	0.047	1.0	31.6		
Copper	6010C	93.8	5.2	40.0	11000		
Iron	6010C	469	39.9	40.0	172000		
Lead	6010C	234	6.7	40.0	3750		
Magnesium	6010C	117	1.7	1.0	8990		
Manganese	6010C	1.2	0.054	1.0	732		N
Nickel	6010C	4.7	0.148	1.0	381		
Potassium	6010C	234	4.8	1.0	321		
Selenium	6010C	46.9	27.7	40.0	43.1	J	
Silver	6010C	1.2	0.051	1.0	8.0		
Sodium	6010C	117	9.2	1.0	274		
Thallium	6010C	46.9	23.5	40.0	46.9	U	
Vanadium	6010C	5.9	0.079	1.0	20.5		
Zinc	6010C	93.8	5.8	40.0	9630		

% Solids: 85.3

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/13/2016
Project Name:
Date Received: 12/14/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-111-9
Lab Code: R1613026-014

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	11.1	4.0	1.0	5820		
Antimony	6010C	6.6	0.187	1.0	6.6	U	
Arsenic	6010C	1.1	0.183	1.0	1.2		
Barium	6010C	2.2	0.115	1.0	37.1		
Beryllium	6010C	0.332	0.013	1.0	0.133	J	
Copper	6010C	2.2	0.159	1.0	10.4		
Cadmium	6010C	0.554	0.030	1.0	0.554	U	
Mercury	7471B	0.037	0.003	1.0	0.022	J	
Calcium	6010C	111	14.7	1.0	95.7	J	N
Chromium	6010C	1.1	0.045	1.0	6.5		
Cobalt	6010C	5.5	0.045	1.0	3.5	J	
Iron	6010C	55.4	4.7	5.0	8620		
Lead	6010C	5.5	0.159	1.0	8.4		
Magnesium	6010C	111	1.6	1.0	1390		
Manganese	6010C	1.1	0.051	1.0	90.3		N
Nickel	6010C	4.4	0.140	1.0	6.3		
Potassium	6010C	221	4.5	1.0	717		
Selenium	6010C	1.1	0.654	1.0	1.1	U	
Silver	6010C	1.1	0.049	1.0	1.1	U	
Sodium	6010C	111	8.7	1.0	81.7	J	
Thallium	6010C	1.1	0.555	1.0	1.1	U	
Vanadium	6010C	5.5	0.075	1.0	8.4		
Zinc	6010C	2.2	0.136	1.0	42.4		

% Solids: 87.7

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SB-101-12
Project No.:	R1613026	**Date Collected:**	12/13/2016
Project Name:		**Date Received:**	12/14/2016
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: FT-SB-109-2 **Lab Code:** R1613026-015

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	12.3	4.5	1.0	8350		
Antimony	6010C	7.4	0.207	1.0	57.0		
Arsenic	6010C	1.2	0.203	1.0	20.4		
Barium	6010C	2.5	0.127	1.0	1640		
Beryllium	6010C	0.368	0.015	1.0	0.196	J	
Cadmium	6010C	0.614	0.033	1.0	44.8		
Mercury	7471B	0.408	0.036	10.0	3.0		
Calcium	6010C	4910	654	40.0	54300		N
Chromium	6010C	1.2	0.050	1.0	261		
Cobalt	6010C	6.1	0.050	1.0	44.9		
Copper	6010C	98.2	5.4	40.0	11300		
Iron	6010C	491	41.8	40.0	184000		
Lead	6010C	245	7.0	40.0	3280		
Magnesium	6010C	123	1.8	1.0	7880		
Manganese	6010C	1.2	0.056	1.0	943		N
Nickel	6010C	4.9	0.155	1.0	539		
Potassium	6010C	245	5.0	1.0	490		
Selenium	6010C	49.1	29.0	40.0	49.1	U	
Silver	6010C	1.2	0.054	1.0	6.3		
Sodium	6010C	123	9.6	1.0	506		
Thallium	6010C	49.1	24.6	40.0	49.1	U	
Vanadium	6010C	6.1	0.083	1.0	23.9		
Zinc	6010C	98.2	6.0	40.0	8000		

% Solids: 79.1

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/13/2016
Project Name:
Date Received: 12/14/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-109-18 **Lab Code:** R1613026-016

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	10.3	3.8	1.0	1690		
Antimony	6010C	6.2	0.174	1.0	6.2	U	
Arsenic	6010C	1.0	0.171	1.0	0.599	J	
Barium	6010C	2.1	0.107	1.0	14.1		
Beryllium	6010C	0.310	0.012	1.0	0.052	J	
Copper	6010C	2.1	0.149	1.0	5.1		
Cadmium	6010C	0.516	0.028	1.0	0.516	U	
Mercury	7471B	0.034	0.003	1.0	0.034	U	
Calcium	6010C	103	13.8	1.0	315		N
Chromium	6010C	1.0	0.042	1.0	3.0		
Cobalt	6010C	5.2	0.042	1.0	1.3	J	
Iron	6010C	10.3	0.880	1.0	3730		
Lead	6010C	5.2	0.148	1.0	2.9	J	
Magnesium	6010C	103	1.5	1.0	596		
Manganese	6010C	1.0	0.047	1.0	170		N
Nickel	6010C	4.1	0.131	1.0	1.9	J	
Potassium	6010C	207	4.2	1.0	284		
Selenium	6010C	1.0	0.610	1.0	1.0	U	
Silver	6010C	1.0	0.045	1.0	1.0	U	
Sodium	6010C	103	8.1	1.0	13.6	J	
Thallium	6010C	1.0	0.518	1.0	1.0	U	
Vanadium	6010C	5.2	0.070	1.0	3.5	J	
Zinc	6010C	2.1	0.127	1.0	15.7		

% Solids: 94.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SB-101-12
Project No.:	R1613026	**Date Collected:**	12/13/2016
Project Name:		**Date Received:**	12/14/2016
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **FT-SB-110-2** **Lab Code:** **R1613026-017**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	13.0	4.7	1.0	5840		
Antimony	6010C	7.8	0.220	1.0	46.8		
Arsenic	6010C	1.3	0.216	1.0	11.8		
Barium	6010C	2.6	0.135	1.0	989		
Beryllium	6010C	0.391	0.016	1.0	0.130	J	
Cadmium	6010C	0.652	0.035	1.0	30.0		
Mercury	7471B	0.436	0.039	10.0	4.6		
Calcium	6010C	3910	521	30.0	13000		N
Chromium	6010C	1.3	0.053	1.0	238		
Cobalt	6010C	6.5	0.053	1.0	37.3		
Copper	6010C	78.2	4.3	30.0	1110		
Iron	6010C	391	33.3	30.0	94700		
Lead	6010C	196	5.6	30.0	2000		
Magnesium	6010C	130	1.9	1.0	3760		
Manganese	6010C	1.3	0.060	1.0	523		N
Nickel	6010C	5.2	0.165	1.0	323		
Potassium	6010C	261	5.3	1.0	187	J	
Selenium	6010C	39.1	23.1	30.0	39.1	U	
Silver	6010C	1.3	0.057	1.0	2.2		
Sodium	6010C	130	10.2	1.0	252		
Thallium	6010C	39.1	19.6	30.0	39.1	U	
Vanadium	6010C	6.5	0.088	1.0	12.8		
Zinc	6010C	78.2	4.8	30.0	4480		

% Solids: **75.2**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SB-101-12
Project No.:	R1613026	**Date Collected:**	12/13/2016
Project Name:		**Date Received:**	12/14/2016
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **FT-SB-110-7** **Lab Code:** **R1613026-018**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	12.5	4.6	1.0	5690		
Antimony	6010C	7.5	0.211	1.0	7.5	U	
Arsenic	6010C	1.3	0.207	1.0	1.2	J	
Barium	6010C	2.5	0.130	1.0	51.4		
Beryllium	6010C	0.376	0.015	1.0	0.038	J	
Cadmium	6010C	0.626	0.034	1.0	0.088	J	
Mercury	7471B	0.041	0.004	1.0	0.054		
Calcium	6010C	125	16.7	1.0	2170		N
Chromium	6010C	1.3	0.051	1.0	5.6		
Cobalt	6010C	6.3	0.051	1.0	1.5	J	
Copper	6010C	2.5	0.138	1.0	17.5		
Iron	6010C	62.6	5.3	5.0	8020		
Lead	6010C	6.3	0.179	1.0	12.7		
Magnesium	6010C	125	1.9	1.0	701		
Manganese	6010C	1.3	0.057	1.0	34.2		N
Nickel	6010C	5.0	0.158	1.0	19.0		
Potassium	6010C	250	5.1	1.0	193	J	
Selenium	6010C	1.3	0.740	1.0	1.3	U	
Silver	6010C	1.3	0.055	1.0	1.3	U	
Sodium	6010C	125	9.8	1.0	41.5	J	
Thallium	6010C	1.3	0.627	1.0	1.3	U	
Vanadium	6010C	6.3	0.084	1.0	15.6		
Zinc	6010C	2.5	0.154	1.0	110		

% Solids: **79.1**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SB-101-12
Project No.: R1613026
Date Collected: 12/13/2016
Project Name:
Date Received: 12/14/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SB-110-11
Lab Code: R1613026-019

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	11.5	4.2	1.0	4110		
Arsenic	6010C	1.2	0.270	1.0	1.1	J	
Antimony	6010C	6.9	0.193	1.0	6.9	U	
Barium	6010C	2.3	0.119	1.0	42.0		
Beryllium	6010C	0.344	0.014	1.0	0.103	J	
Cadmium	6010C	0.573	0.031	1.0	0.138	J	
Mercury	7471B	0.040	0.004	1.0	0.037	J	
Calcium	6010C	115	15.3	1.0	680		N
Chromium	6010C	1.2	0.047	1.0	5.9		
Cobalt	6010C	5.7	0.046	1.0	2.6	J	
Copper	6010C	2.3	0.126	1.0	22.0		
Iron	6010C	57.3	4.9	5.0	8580		
Lead	6010C	5.7	0.164	1.0	17.0		
Magnesium	6010C	115	1.7	1.0	1110		
Manganese	6010C	1.2	0.052	1.0	147		N
Nickel	6010C	4.6	0.145	1.0	6.9		
Potassium	6010C	229	4.7	1.0	472		
Selenium	6010C	1.2	0.677	1.0	1.2	U	
Silver	6010C	1.2	0.050	1.0	1.2	U	
Sodium	6010C	115	9.0	1.0	21.9	J	
Thallium	6010C	1.2	0.574	1.0	1.2	U	
Vanadium	6010C	5.7	0.077	1.0	7.1		
Zinc	6010C	2.3	0.141	1.0	67.4		

% Solids: 83.1

Comments:

General Chemistry

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:25
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-12	**Basis:**	Dry
Lab Code:	R1613026-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.1 J**	mg/Kg	0.11	0.02	1	12/21/16 11:25	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:25
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-12	**Basis:**	As Received
Lab Code:	R1613026-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**71.4**	Percent	-	-	1	12/14/16 10:30	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-15	**Basis:**	Dry
Lab Code:	R1613026-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.016 J**	mg/Kg	0.083	0.015	1	12/21/16 11:26	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-15	**Basis:**	As Received
Lab Code:	R1613026-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**89.0**	Percent	-	-	1	12/14/16 10:30	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:55
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-18	**Basis:**	Dry
Lab Code:	R1613026-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.11 U	mg/Kg	0.11	0.02	1	12/21/16 11:27	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 12:55
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-101-18	**Basis:**	As Received
Lab Code:	R1613026-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**82.6**	Percent	-	-	1	12/14/16 10:30	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:05
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-2	**Basis:**	Dry
Lab Code:	R1613026-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.08 J**	mg/Kg	0.10	0.02	1	12/21/16 11:27	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:05
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-2	**Basis:**	As Received
Lab Code:	R1613026-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**83.8**	Percent	-	-	1	12/14/16 10:30	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:20
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-5	**Basis:**	Dry
Lab Code:	R1613026-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.11 U	mg/Kg	0.11	0.02	1	12/21/16 11:28	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:20
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-5	**Basis:**	As Received
Lab Code:	R1613026-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**90.3**	Percent	-	-	1	12/14/16 10:30	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-10	**Basis:**	Dry
Lab Code:	R1613026-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.098 U	mg/Kg	0.098	0.015	1	12/21/16 11:29	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16 15:40
Sample Matrix:	Soil	**Date Received:**	12/13/16 11:05
Sample Name:	FT-SB-108-10	**Basis:**	As Received
Lab Code:	R1613026-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**90.5**	Percent	-	-	1	12/14/16 10:30	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-12	**Basis:**	Dry
Lab Code:	R1613026-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.086 U	mg/Kg	0.086	0.015	1	12/21/16 11:33	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-12	**Basis:**	As Received
Lab Code:	R1613026-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**93.5**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-4	**Basis:**	Dry
Lab Code:	R1613026-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.16**	mg/Kg	0.12	0.02	1	12/21/16 11:34	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-4	**Basis:**	As Received
Lab Code:	R1613026-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**77.5**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Basis:**	Dry
Lab Code:	R1613026-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.07 J**	mg/Kg	0.12	0.02	1	12/21/16 11:35	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 09:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-2	**Basis:**	As Received
Lab Code:	R1613026-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**76.5**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-19	**Basis:**	Dry
Lab Code:	R1613026-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.11 U	mg/Kg	0.11	0.02	1	12/21/16 11:35	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-19	**Basis:**	As Received
Lab Code:	R1613026-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**80.4**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-7	**Basis:**	Dry
Lab Code:	R1613026-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.016 J**	mg/Kg	0.094	0.015	1	12/21/16 11:36	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:05
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-112-7	**Basis:**	As Received
Lab Code:	R1613026-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**88.1**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 11:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-14	**Basis:**	Dry
Lab Code:	R1613026-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.087 U	mg/Kg	0.087	0.015	1	12/21/16 11:37	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 11:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-14	**Basis:**	As Received
Lab Code:	R1613026-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**93.6**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Basis:**	Dry
Lab Code:	R1613026-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.092 U	mg/Kg	0.092	0.015	1	12/21/16 11:38	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-4	**Basis:**	As Received
Lab Code:	R1613026-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**85.3**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-9	**Basis:**	Dry
Lab Code:	R1613026-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.11 U	mg/Kg	0.11	0.02	1	12/21/16 11:38	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:55
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-111-9	**Basis:**	As Received
Lab Code:	R1613026-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**87.7**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Basis:**	Dry
Lab Code:	R1613026-015		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/Kg	0.10	0.02	1	12/21/16 11:41	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:35
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-2	**Basis:**	As Received
Lab Code:	R1613026-015		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**79.1**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-18	**Basis:**	Dry
Lab Code:	R1613026-016		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/Kg	0.10	0.02	1	12/21/16 11:41	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 13:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-109-18	**Basis:**	As Received
Lab Code:	R1613026-016		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**94.0**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Basis:**	Dry
Lab Code:	R1613026-017		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.13 U	mg/Kg	0.13	0.02	1	12/21/16 11:42	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:10
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-2	**Basis:**	As Received
Lab Code:	R1613026-017		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**75.2**	Percent	-	-	1	12/27/16 11:05	NA	

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dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-7	**Basis:**	Dry
Lab Code:	R1613026-018		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.042 J**	mg/Kg	0.099	0.015	1	12/21/16 11:43	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 14:40
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-7	**Basis:**	As Received
Lab Code:	R1613026-018		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**79.1**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-11	**Basis:**	Dry
Lab Code:	R1613026-019		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.05 J**	mg/Kg	0.11	0.02	1	12/21/16 11:44	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/14/16 10:10
Sample Name:	FT-SB-110-11	**Basis:**	As Received
Lab Code:	R1613026-019		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**83.1**	Percent	-	-	1	12/27/16 11:05	NA	

QC Summary Forms

ALS Environmental—Rochester Laboratory
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Volatile Organic Compounds by GC/MS

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ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Sample Name	Lab Code	4-Bromofluorobenzene 51 - 136	Dibromofluoromethane 63 - 138	Toluene-d8 66 - 138
FT-SB-101-12	R1613026-001	100	87	104
FT-SB-101-15	R1613026-002	95	91	100
FT-SB-101-18	R1613026-003	97	93	100
FT-SB-108-2	R1613026-004	93	98	99
FT-SB-108-5	R1613026-005	99	96	99
FT-SB-108-10	R1613026-006	99	96	100
FT-SB-108-10 DL	R1613026-006	102	84	102
FT-SB-112-12	R1613026-007	96	96	100
FT-SB-112-4	R1613026-008	82	95	97
FT-SB-112-4 DL	R1613026-008	104	88	104
FT-SB-112-2	R1613026-009	43 *	109	82
FT-SB-112-2 DL	R1613026-009	111	87	107
FT-SB-109-19	R1613026-010	99	95	102
FT-SB-112-7	R1613026-011	92	92	97
FT-SB-111-14	R1613026-012	101	97	102
FT-SB-111-4	R1613026-013	45 *	93	86
FT-SB-111-4 RE	R1613026-013	48 *	100	88
FT-SB-111-9	R1613026-014	92	96	100
FT-SB-109-2	R1613026-015	62	101	95
FT-SB-109-2 DL	R1613026-015	109	88	105
FT-SB-109-18	R1613026-016	98	95	101
FT-SB-110-2	R1613026-017	43 *	101	86
FT-SB-110-2 RE	R1613026-017	53	102	94
FT-SB-110-7	R1613026-018	81	99	100
FT-SB-110-11	R1613026-019	98	92	102
Lab Control Sample	RQ1615350-03	107	99	106
Method Blank	RQ1615350-04	108	91	104
Lab Control Sample	RQ1615384-03	107	105	105
Method Blank	RQ1615384-04	106	98	104
Method Blank	RQ1615457-01	97	92	99
Lab Control Sample	RQ1615457-02	98	97	99
FT-SB-110-11 MS	RQ1615457-05	96	99	101
FT-SB-110-11 DMS	RQ1615457-06	100	100	103

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dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16
Sample Matrix:	Soil	**Date Received:**	12/14/16
		Date Analyzed:	12/15/16
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry
Analysis Method:	8260C		
Prep Method:	EPA 5035A		

		Matrix Spike RQ1615457-05			Duplicate Matrix Spike RQ1615457-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	4.4 U	54.6	43.9	124	69.7	54.2	129	51-132	4	30
1,1,2,2-Tetrachloroethane	4.4 U	52.1	43.9	119	67.0	54.2	124	53-134	4	30
1,1,2-Trichloroethane	4.4 U	48.5	43.9	111	61.4	54.2	113	62-126	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	4.4 U	52.8	43.9	120	67.6	54.2	125	45-136	4	30
1,1-Dichloroethane (1,1-DCA)	4.4 U	58.4	43.9	133 *	74.9	54.2	138 *	53-131	4	30
1,1-Dichloroethene (1,1-DCE)	4.4 U	54.5	43.9	124	70.5	54.2	130	61-139	5	30
1,2,3-Trichlorobenzene	4.4 U	37.7	43.9	86	46.3	54.2	85	10-179	1	30
1,2,4-Trichlorobenzene	4.4 U	37.3	43.9	85	45.1	54.2	83	10-179	2	30
1,2-Dibromo-3-chloropropane (DBCP)	4.4 U	38.7	43.9	88	53.1	54.2	98	27-163	11	30
1,2-Dibromoethane	4.4 U	47.9	43.9	109	61.8	54.2	114	52-137	4	30
1,2-Dichlorobenzene	4.4 U	43.7	43.9	100	53.8	54.2	99	22-156	1	30
1,2-Dichloroethane	4.4 U	55.4	43.9	126 *	70.7	54.2	131 *	59-125	4	30
1,2-Dichloropropane	4.4 U	54.4	43.9	124	68.3	54.2	126	67-126	2	30
1,3-Dichlorobenzene	4.4 U	42.9	43.9	98	51.5	54.2	95	29-146	3	30
1,4-Dichlorobenzene	4.4 U	42.5	43.9	97	50.9	54.2	94	10-172	3	30
1,4-Dioxane	88 U	1260	878	144	2070	1080	191 *	50-148	28	30
2-Butanone (MEK)	10	54.8	43.9	101	65.2	54.2	101	43-134	<1	30
2-Hexanone	4.4 U	47.4	43.9	108	63.5	54.2	117	37-146	8	30
4-Methyl-2-pentanone	4.4 U	52.7	43.9	120	70.6	54.2	130	47-145	8	30
Acetone	140	153	43.9	41	133	54.2	-5 *	11-183	256*	30
Benzene	4.4 U	54.4	43.9	124	68.6	54.2	127 *	63-126	2	30
Bromochloromethane	4.4 U	50.8	43.9	116	63.7	54.2	118	60-119	2	30
Bromodichloromethane	4.4 U	45.3	43.9	103	61.4	54.2	113	47-141	9	30
Bromoform	4.4 U	36.7	43.9	83	52.6	54.2	97	26-157	16	30
Bromomethane	4.4 U	53.8	43.9	122	68.0	54.2	126	10-137	3	30
Carbon Disulfide	4.4 U	51.8	43.9	118	69.1	54.2	128	35-135	8	30
Carbon Tetrachloride	4.4 U	47.0	43.9	107	62.8	54.2	116	46-137	8	30
Chlorobenzene	4.4 U	46.2	43.9	105	56.6	54.2	104	51-132	<1	30
Chloroethane	4.4 U	55.9	43.9	127	71.4	54.2	132	45-132	4	30
Chloroform	4.4 U	55.8	43.9	127 *	70.2	54.2	130 *	61-124	2	30
Chloromethane	4.4 U	54.4	43.9	124	68.8	54.2	127	50-136	2	30
Cyclohexane	4.4 U	60.9	43.9	139	75.9	54.2	140	40-142	<1	30
Dibromochloromethane	4.4 U	40.7	43.9	93	56.3	54.2	104	40-146	11	30
Dichlorodifluoromethane (CFC 12)	4.4 U	40.8	43.9	93	53.1	54.2	98	44-138	5	30
Dichloromethane	4.4 U	52.5	43.9	120	67.9	54.2	125 *	64-120	4	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16
Sample Matrix:	Soil	**Date Received:**	12/14/16
		Date Analyzed:	12/15/16
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry
Analysis Method:	8260C		
Prep Method:	EPA 5035A		

		Matrix Spike RQ1615457-05			Duplicate Matrix Spike RQ1615457-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Ethylbenzene	4.4 U	45.9	43.9	104	55.2	54.2	102	44-131	2	30
Isopropylbenzene (Cumene)	4.4 U	46.2	43.9	105	55.8	54.2	103	36-148	2	30
Methyl Acetate	8.0	82.8	43.9	170	81.3	54.2	135	34-173	23	30
Methyl tert-Butyl Ether	2.2 J	55.7	43.9	122	71.3	54.2	128	62-130	5	30
Methylcyclohexane	4.4 U	58.9	43.9	134	75.4	54.2	139	33-148	4	30
Styrene	4.4 U	44.4	43.9	101	54.1	54.2	100	39-149	<1	30
Tetrachloroethene (PCE)	4.4 U	42.9	43.9	98	53.0	54.2	98	45-141	<1	30
Toluene	4.4 U	50.5	43.9	115	62.1	54.2	115	50-140	<1	30
Trichloroethene (TCE)	4.4 U	47.6	43.9	108	59.9	54.2	111	54-136	3	30
Trichlorofluoromethane (CFC 11)	4.4 U	57.4	43.9	131 *	75.2	54.2	139 *	47-129	6	30
Vinyl Chloride	4.4 U	58.7	43.9	134 *	74.8	54.2	138 *	53-128	3	30
cis-1,2-Dichloroethene	4.4 U	53.8	43.9	122	68.4	54.2	126	56-126	3	30
cis-1,3-Dichloropropene	4.4 U	46.0	43.9	105	59.7	54.2	110	31-150	5	30
m,p-Xylenes	8.8 U	91.4	87.8	104	109	108	101	45-141	3	30
o-Xylene	4.4 U	45.7	43.9	104	55.7	54.2	103	46-139	<1	30
trans-1,2-Dichloroethene	4.4 U	53.5	43.9	122	67.4	54.2	124	52-128	2	30
trans-1,3-Dichloropropene	4.4 U	44.1	43.9	100	57.7	54.2	107	23-160	7	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615350-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	250 U	250	37	50	12/16/16 11:05	
1,1,2,2-Tetrachloroethane	250 U	250	41	50	12/16/16 11:05	
1,1,2-Trichloroethane	250 U	250	37	50	12/16/16 11:05	
1,1,2-Trichloro-1,2,2-trifluoroethane	250 U	250	62	50	12/16/16 11:05	
1,1-Dichloroethane (1,1-DCA)	250 U	250	63	50	12/16/16 11:05	
1,1-Dichloroethene (1,1-DCE)	250 U	250	64	50	12/16/16 11:05	
1,2,3-Trichlorobenzene	250 U	250	31	50	12/16/16 11:05	
1,2,4-Trichlorobenzene	250 U	250	30	50	12/16/16 11:05	
1,2-Dibromo-3-chloropropane (DBCP)	250 U	250	94	50	12/16/16 11:05	
1,2-Dibromoethane	250 U	250	61	50	12/16/16 11:05	
1,2-Dichlorobenzene	250 U	250	31	50	12/16/16 11:05	
1,2-Dichloroethane	250 U	250	31	50	12/16/16 11:05	
1,2-Dichloropropane	250 U	250	49	50	12/16/16 11:05	
1,3-Dichlorobenzene	250 U	250	32	50	12/16/16 11:05	
1,4-Dichlorobenzene	250 U	250	28	50	12/16/16 11:05	
1,4-Dioxane	5000 U	5000	960	50	12/16/16 11:05	
2-Butanone (MEK)	250 U	250	120	50	12/16/16 11:05	
2-Hexanone	250 U	250	61	50	12/16/16 11:05	
4-Methyl-2-pentanone	250 U	250	49	50	12/16/16 11:05	
Acetone	250 U	250	150	50	12/16/16 11:05	
Benzene	250 U	250	15	50	12/16/16 11:05	
Bromochloromethane	250 U	250	68	50	12/16/16 11:05	
Bromodichloromethane	250 U	250	31	50	12/16/16 11:05	
Bromoform	250 U	250	47	50	12/16/16 11:05	
Bromomethane	250 U	250	69	50	12/16/16 11:05	
Carbon Disulfide	250 U	250	62	50	12/16/16 11:05	
Carbon Tetrachloride	250 U	250	46	50	12/16/16 11:05	
Chlorobenzene	250 U	250	15	50	12/16/16 11:05	
Chloroethane	250 U	250	150	50	12/16/16 11:05	
Chloroform	250 U	250	63	50	12/16/16 11:05	
Chloromethane	250 U	250	20	50	12/16/16 11:05	
Cyclohexane	250 U	250	69	50	12/16/16 11:05	
Dibromochloromethane	250 U	250	37	50	12/16/16 11:05	
Dichlorodifluoromethane (CFC 12)	250 U	250	95	50	12/16/16 11:05	
Dichloromethane	250 U	250	29	50	12/16/16 11:05	
Ethylbenzene	250 U	250	12	50	12/16/16 11:05	
Isopropylbenzene (Cumene)	250 U	250	34	50	12/16/16 11:05	
Methyl Acetate	250 U	250	88	50	12/16/16 11:05	
Methyl tert-Butyl Ether	250 U	250	47	50	12/16/16 11:05	
Methylcyclohexane	250 U	250	60	50	12/16/16 11:05	
Styrene	250 U	250	15	50	12/16/16 11:05	
Tetrachloroethene (PCE)	250 U	250	44	50	12/16/16 11:05	
Toluene	250 U	250	50	50	12/16/16 11:05	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615350-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	250 U	250	51	50	12/16/16 11:05	
Trichlorofluoromethane (CFC 11)	250 U	250	33	50	12/16/16 11:05	
Vinyl Chloride	250 U	250	92	50	12/16/16 11:05	
cis-1,2-Dichloroethene	250 U	250	48	50	12/16/16 11:05	
cis-1,3-Dichloropropene	250 U	250	45	50	12/16/16 11:05	
m,p-Xylenes	500 U	500	55	50	12/16/16 11:05	
o-Xylene	250 U	250	24	50	12/16/16 11:05	
trans-1,2-Dichloroethene	250 U	250	43	50	12/16/16 11:05	
trans-1,3-Dichloropropene	250 U	250	10	50	12/16/16 11:05	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	51 - 136	12/16/16 11:05	
Dibromofluoromethane	91	63 - 138	12/16/16 11:05	
Toluene-d8	104	66 - 138	12/16/16 11:05	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615384-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.73	1	12/19/16 14:02	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.81	1	12/19/16 14:02	
1,1,2-Trichloroethane	5.0 U	5.0	0.73	1	12/19/16 14:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1.3	1	12/19/16 14:02	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1.3	1	12/19/16 14:02	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.3	1	12/19/16 14:02	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.62	1	12/19/16 14:02	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.59	1	12/19/16 14:02	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.9	1	12/19/16 14:02	
1,2-Dibromoethane	5.0 U	5.0	1.3	1	12/19/16 14:02	
1,2-Dichlorobenzene	5.0 U	5.0	0.61	1	12/19/16 14:02	
1,2-Dichloroethane	5.0 U	5.0	0.61	1	12/19/16 14:02	
1,2-Dichloropropane	5.0 U	5.0	0.97	1	12/19/16 14:02	
1,3-Dichlorobenzene	5.0 U	5.0	0.63	1	12/19/16 14:02	
1,4-Dichlorobenzene	5.0 U	5.0	0.56	1	12/19/16 14:02	
1,4-Dioxane	100 U	100	20	1	12/19/16 14:02	
2-Butanone (MEK)	5.0 U	5.0	2.3	1	12/19/16 14:02	
2-Hexanone	5.0 U	5.0	1.3	1	12/19/16 14:02	
4-Methyl-2-pentanone	5.0 U	5.0	0.98	1	12/19/16 14:02	
Acetone	5.0 U	5.0	2.9	1	12/19/16 14:02	
Benzene	5.0 U	5.0	0.29	1	12/19/16 14:02	
Bromochloromethane	5.0 U	5.0	1.4	1	12/19/16 14:02	
Bromodichloromethane	5.0 U	5.0	0.61	1	12/19/16 14:02	
Bromoform	5.0 U	5.0	0.93	1	12/19/16 14:02	
Bromomethane	5.0 U	5.0	1.4	1	12/19/16 14:02	
Carbon Disulfide	5.0 U	5.0	1.3	1	12/19/16 14:02	
Carbon Tetrachloride	5.0 U	5.0	0.92	1	12/19/16 14:02	
Chlorobenzene	5.0 U	5.0	0.29	1	12/19/16 14:02	
Chloroethane	5.0 U	5.0	2.9	1	12/19/16 14:02	
Chloroform	5.0 U	5.0	1.3	1	12/19/16 14:02	
Chloromethane	5.0 U	5.0	0.40	1	12/19/16 14:02	
Cyclohexane	5.0 U	5.0	1.4	1	12/19/16 14:02	
Dibromochloromethane	5.0 U	5.0	0.73	1	12/19/16 14:02	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1.9	1	12/19/16 14:02	
Dichloromethane	5.0 U	5.0	0.57	1	12/19/16 14:02	
Ethylbenzene	5.0 U	5.0	0.23	1	12/19/16 14:02	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.67	1	12/19/16 14:02	
Methyl Acetate	5.0 U	5.0	1.8	1	12/19/16 14:02	
Methyl tert-Butyl Ether	5.0 U	5.0	0.94	1	12/19/16 14:02	
Methylcyclohexane	5.0 U	5.0	1.2	1	12/19/16 14:02	
Styrene	5.0 U	5.0	0.30	1	12/19/16 14:02	
Tetrachloroethene (PCE)	5.0 U	5.0	0.88	1	12/19/16 14:02	
Toluene	5.0 U	5.0	1.0	1	12/19/16 14:02	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615384-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1.1	1	12/19/16 14:02	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.66	1	12/19/16 14:02	
Vinyl Chloride	5.0 U	5.0	1.9	1	12/19/16 14:02	
cis-1,2-Dichloroethene	5.0 U	5.0	0.95	1	12/19/16 14:02	
cis-1,3-Dichloropropene	5.0 U	5.0	0.90	1	12/19/16 14:02	
m,p-Xylenes	10 U	10	1.1	1	12/19/16 14:02	
o-Xylene	5.0 U	5.0	0.48	1	12/19/16 14:02	
trans-1,2-Dichloroethene	5.0 U	5.0	0.86	1	12/19/16 14:02	
trans-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/19/16 14:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	51 - 136	12/19/16 14:02	
Dibromofluoromethane	98	63 - 138	12/19/16 14:02	
Toluene-d8	104	66 - 138	12/19/16 14:02	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615457-01	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.73	1	12/15/16 12:41	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.81	1	12/15/16 12:41	
1,1,2-Trichloroethane	5.0 U	5.0	0.73	1	12/15/16 12:41	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1.3	1	12/15/16 12:41	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1.3	1	12/15/16 12:41	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.3	1	12/15/16 12:41	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.62	1	12/15/16 12:41	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.59	1	12/15/16 12:41	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.9	1	12/15/16 12:41	
1,2-Dibromoethane	5.0 U	5.0	1.3	1	12/15/16 12:41	
1,2-Dichlorobenzene	5.0 U	5.0	0.61	1	12/15/16 12:41	
1,2-Dichloroethane	5.0 U	5.0	0.61	1	12/15/16 12:41	
1,2-Dichloropropane	5.0 U	5.0	0.97	1	12/15/16 12:41	
1,3-Dichlorobenzene	5.0 U	5.0	0.63	1	12/15/16 12:41	
1,4-Dichlorobenzene	5.0 U	5.0	0.56	1	12/15/16 12:41	
1,4-Dioxane	100 U	100	20	1	12/15/16 12:41	
2-Butanone (MEK)	5.0 U	5.0	2.3	1	12/15/16 12:41	
2-Hexanone	5.0 U	5.0	1.3	1	12/15/16 12:41	
4-Methyl-2-pentanone	5.0 U	5.0	0.98	1	12/15/16 12:41	
Acetone	5.0 U	5.0	2.9	1	12/15/16 12:41	
Benzene	5.0 U	5.0	0.29	1	12/15/16 12:41	
Bromochloromethane	5.0 U	5.0	1.4	1	12/15/16 12:41	
Bromodichloromethane	5.0 U	5.0	0.61	1	12/15/16 12:41	
Bromoform	5.0 U	5.0	0.93	1	12/15/16 12:41	
Bromomethane	5.0 U	5.0	1.4	1	12/15/16 12:41	
Carbon Disulfide	5.0 U	5.0	1.3	1	12/15/16 12:41	
Carbon Tetrachloride	5.0 U	5.0	0.92	1	12/15/16 12:41	
Chlorobenzene	5.0 U	5.0	0.29	1	12/15/16 12:41	
Chloroethane	5.0 U	5.0	2.9	1	12/15/16 12:41	
Chloroform	5.0 U	5.0	1.3	1	12/15/16 12:41	
Chloromethane	5.0 U	5.0	0.40	1	12/15/16 12:41	
Cyclohexane	5.0 U	5.0	1.4	1	12/15/16 12:41	
Dibromochloromethane	5.0 U	5.0	0.73	1	12/15/16 12:41	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1.9	1	12/15/16 12:41	
Dichloromethane	**3.5 J**	5.0	0.57	1	12/15/16 12:41	
Ethylbenzene	5.0 U	5.0	0.23	1	12/15/16 12:41	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.67	1	12/15/16 12:41	
Methyl Acetate	5.0 U	5.0	1.8	1	12/15/16 12:41	
Methyl tert-Butyl Ether	5.0 U	5.0	0.94	1	12/15/16 12:41	
Methylcyclohexane	5.0 U	5.0	1.2	1	12/15/16 12:41	
Styrene	5.0 U	5.0	0.30	1	12/15/16 12:41	
Tetrachloroethene (PCE)	5.0 U	5.0	0.88	1	12/15/16 12:41	
Toluene	5.0 U	5.0	1.0	1	12/15/16 12:41	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615457-01	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1.1	1	12/15/16 12:41	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.66	1	12/15/16 12:41	
Vinyl Chloride	5.0 U	5.0	1.9	1	12/15/16 12:41	
cis-1,2-Dichloroethene	5.0 U	5.0	0.95	1	12/15/16 12:41	
cis-1,3-Dichloropropene	5.0 U	5.0	0.90	1	12/15/16 12:41	
m,p-Xylenes	10 U	10	1.1	1	12/15/16 12:41	
o-Xylene	5.0 U	5.0	0.48	1	12/15/16 12:41	
trans-1,2-Dichloroethene	5.0 U	5.0	0.86	1	12/15/16 12:41	
trans-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/15/16 12:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	51 - 136	12/15/16 12:41	
Dibromofluoromethane	92	63 - 138	12/15/16 12:41	
Toluene-d8	99	66 - 138	12/15/16 12:41	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/16/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615350-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	19.9	20.0	100	40-140
1,1,2,2-Tetrachloroethane	8260C	19.0	20.0	95	40-140
1,1,2-Trichloroethane	8260C	20.0	20.0	100	40-140
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	16.6	20.0	83	40-140
1,1-Dichloroethane (1,1-DCA)	8260C	22.2	20.0	111	40-140
1,1-Dichloroethene (1,1-DCE)	8260C	19.8	20.0	99	40-140
1,2,3-Trichlorobenzene	8260C	16.0	20.0	80	40-140
1,2,4-Trichlorobenzene	8260C	18.8	20.0	94	40-140
1,2-Dibromo-3-chloropropane (DBCP)	8260C	14.6	20.0	73	40-140
1,2-Dibromoethane	8260C	18.7	20.0	94	40-140
1,2-Dichlorobenzene	8260C	20.3	20.0	101	40-140
1,2-Dichloroethane	8260C	22.7	20.0	114	40-140
1,2-Dichloropropane	8260C	21.9	20.0	110	40-140
1,3-Dichlorobenzene	8260C	20.9	20.0	105	40-140
1,4-Dichlorobenzene	8260C	20.3	20.0	102	40-140
1,4-Dioxane	8260C	308	400	77	40-140
2-Butanone (MEK)	8260C	18.8	20.0	94	40-140
2-Hexanone	8260C	20.5	20.0	103	40-140
4-Methyl-2-pentanone	8260C	19.6	20.0	98	40-140
Acetone	8260C	18.3	20.0	91	40-140
Benzene	8260C	21.6	20.0	108	40-140
Bromochloromethane	8260C	21.1	20.0	105	40-140
Bromodichloromethane	8260C	19.0	20.0	95	40-140
Bromoform	8260C	18.1	20.0	90	40-140
Bromomethane	8260C	15.2	20.0	76	40-140
Carbon Disulfide	8260C	19.5	20.0	97	40-140
Carbon Tetrachloride	8260C	17.8	20.0	89	40-140
Chlorobenzene	8260C	20.3	20.0	102	40-140
Chloroethane	8260C	17.8	20.0	89	40-140
Chloroform	8260C	20.2	20.0	101	40-140
Chloromethane	8260C	20.7	20.0	103	40-140
Cyclohexane	8260C	20.8	20.0	104	40-140
Dibromochloromethane	8260C	19.4	20.0	97	40-140

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/16/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615350-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	14.7	20.0	73	40-140
Dichloromethane	8260C	20.5	20.0	102	40-140
Ethylbenzene	8260C	19.9	20.0	99	40-140
Isopropylbenzene (Cumene)	8260C	20.0	20.0	100	40-140
Methyl Acetate	8260C	18.1	20.0	91	40-140
Methyl tert-Butyl Ether	8260C	18.6	20.0	93	40-140
Methylcyclohexane	8260C	22.1	20.0	110	40-140
Styrene	8260C	21.0	20.0	105	40-140
Tetrachloroethene (PCE)	8260C	18.3	20.0	92	40-140
Toluene	8260C	20.7	20.0	104	40-140
Trichloroethene (TCE)	8260C	20.7	20.0	104	40-140
Trichlorofluoromethane (CFC 11)	8260C	18.0	20.0	90	40-140
Vinyl Chloride	8260C	21.0	20.0	105	40-140
cis-1,2-Dichloroethene	8260C	21.9	20.0	109	40-140
cis-1,3-Dichloropropene	8260C	20.1	20.0	101	40-140
m,p-Xylenes	8260C	40.7	40.0	102	40-140
o-Xylene	8260C	20.5	20.0	103	40-140
trans-1,2-Dichloroethene	8260C	20.6	20.0	103	40-140
trans-1,3-Dichloropropene	8260C	19.2	20.0	96	40-140

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/19/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615384-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	15.8	20.0	79	40-140
1,1,2,2-Tetrachloroethane	8260C	18.0	20.0	90	40-140
1,1,2-Trichloroethane	8260C	18.5	20.0	92	40-140
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	12.4	20.0	62	40-140
1,1-Dichloroethane (1,1-DCA)	8260C	18.1	20.0	91	40-140
1,1-Dichloroethene (1,1-DCE)	8260C	15.9	20.0	79	40-140
1,2,3-Trichlorobenzene	8260C	18.2	20.0	91	40-140
1,2,4-Trichlorobenzene	8260C	18.5	20.0	92	40-140
1,2-Dibromo-3-chloropropane (DBCP)	8260C	18.0	20.0	90	40-140
1,2-Dibromoethane	8260C	19.0	20.0	95	40-140
1,2-Dichlorobenzene	8260C	18.6	20.0	93	40-140
1,2-Dichloroethane	8260C	19.0	20.0	95	40-140
1,2-Dichloropropane	8260C	18.9	20.0	95	40-140
1,3-Dichlorobenzene	8260C	18.9	20.0	95	40-140
1,4-Dichlorobenzene	8260C	18.9	20.0	95	40-140
1,4-Dioxane	8260C	390	400	97	40-140
2-Butanone (MEK)	8260C	17.6	20.0	88	40-140
2-Hexanone	8260C	18.8	20.0	94	40-140
4-Methyl-2-pentanone	8260C	19.3	20.0	96	40-140
Acetone	8260C	21.7	20.0	108	40-140
Benzene	8260C	18.7	20.0	93	40-140
Bromochloromethane	8260C	19.2	20.0	96	40-140
Bromodichloromethane	8260C	18.6	20.0	93	40-140
Bromoform	8260C	18.7	20.0	93	40-140
Bromomethane	8260C	18.0	20.0	90	40-140
Carbon Disulfide	8260C	17.5	20.0	88	40-140
Carbon Tetrachloride	8260C	15.3	20.0	77	40-140
Chlorobenzene	8260C	18.5	20.0	92	40-140
Chloroethane	8260C	16.7	20.0	84	40-140
Chloroform	8260C	18.1	20.0	91	40-140
Chloromethane	8260C	16.5	20.0	82	40-140
Cyclohexane	8260C	15.2	20.0	76	40-140
Dibromochloromethane	8260C	18.6	20.0	93	40-140

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/19/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615384-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	13.0	20.0	65	40-140
Dichloromethane	8260C	19.0	20.0	95	40-140
Ethylbenzene	8260C	16.7	20.0	84	40-140
Isopropylbenzene (Cumene)	8260C	16.4	20.0	82	40-140
Methyl Acetate	8260C	17.9	20.0	90	40-140
Methyl tert-Butyl Ether	8260C	18.6	20.0	93	40-140
Methylcyclohexane	8260C	15.8	20.0	79	40-140
Styrene	8260C	18.5	20.0	93	40-140
Tetrachloroethene (PCE)	8260C	14.9	20.0	74	40-140
Toluene	8260C	17.5	20.0	87	40-140
Trichloroethene (TCE)	8260C	17.6	20.0	88	40-140
Trichlorofluoromethane (CFC 11)	8260C	14.7	20.0	73	40-140
Vinyl Chloride	8260C	17.0	20.0	85	40-140
cis-1,2-Dichloroethene	8260C	19.6	20.0	98	40-140
cis-1,3-Dichloropropene	8260C	18.6	20.0	93	40-140
m,p-Xylenes	8260C	34.2	40.0	86	40-140
o-Xylene	8260C	17.9	20.0	89	40-140
trans-1,2-Dichloroethene	8260C	17.9	20.0	89	40-140
trans-1,3-Dichloropropene	8260C	18.8	20.0	94	40-140

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/15/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615457-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	17.7	20.0	88	40-140
1,1,2,2-Tetrachloroethane	8260C	19.9	20.0	99	40-140
1,1,2-Trichloroethane	8260C	18.7	20.0	93	40-140
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	15.3	20.0	77	40-140
1,1-Dichloroethane (1,1-DCA)	8260C	21.0	20.0	105	40-140
1,1-Dichloroethene (1,1-DCE)	8260C	18.0	20.0	90	40-140
1,2,3-Trichlorobenzene	8260C	19.9	20.0	100	40-140
1,2,4-Trichlorobenzene	8260C	20.6	20.0	103	40-140
1,2-Dibromo-3-chloropropane (DBCP)	8260C	15.2	20.0	76	40-140
1,2-Dibromoethane	8260C	18.8	20.0	94	40-140
1,2-Dichlorobenzene	8260C	20.8	20.0	104	40-140
1,2-Dichloroethane	8260C	20.9	20.0	105	40-140
1,2-Dichloropropane	8260C	20.4	20.0	102	40-140
1,3-Dichlorobenzene	8260C	21.0	20.0	105	40-140
1,4-Dichlorobenzene	8260C	21.1	20.0	105	40-140
1,4-Dioxane	8260C	348	400	87	40-140
2-Butanone (MEK)	8260C	17.2	20.0	86	40-140
2-Hexanone	8260C	17.4	20.0	87	40-140
4-Methyl-2-pentanone	8260C	18.1	20.0	90	40-140
Acetone	8260C	21.5	20.0	108	40-140
Benzene	8260C	20.1	20.0	101	40-140
Bromochloromethane	8260C	19.3	20.0	96	40-140
Bromodichloromethane	8260C	19.1	20.0	95	40-140
Bromoform	8260C	17.2	20.0	86	40-140
Bromomethane	8260C	21.7	20.0	109	40-140
Carbon Disulfide	8260C	17.8	20.0	89	40-140
Carbon Tetrachloride	8260C	15.0	20.0	75	40-140
Chlorobenzene	8260C	19.6	20.0	98	40-140
Chloroethane	8260C	20.8	20.0	104	40-140
Chloroform	8260C	20.9	20.0	104	40-140
Chloromethane	8260C	21.6	20.0	108	40-140
Cyclohexane	8260C	25.4	20.0	127	40-140
Dibromochloromethane	8260C	17.7	20.0	89	40-140

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/15/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615457-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	16.4	20.0	82	40-140
Dichloromethane	8260C	24.1	20.0	120	40-140
Ethylbenzene	8260C	18.1	20.0	91	40-140
Isopropylbenzene (Cumene)	8260C	18.3	20.0	92	40-140
Methyl Acetate	8260C	19.9	20.0	99	40-140
Methyl tert-Butyl Ether	8260C	20.1	20.0	100	40-140
Methylcyclohexane	8260C	24.9	20.0	124	40-140
Styrene	8260C	19.5	20.0	97	40-140
Tetrachloroethene (PCE)	8260C	15.9	20.0	80	40-140
Toluene	8260C	19.2	20.0	96	40-140
Trichloroethene (TCE)	8260C	17.7	20.0	88	40-140
Trichlorofluoromethane (CFC 11)	8260C	18.0	20.0	90	40-140
Vinyl Chloride	8260C	19.7	20.0	99	40-140
cis-1,2-Dichloroethene	8260C	20.6	20.0	103	40-140
cis-1,3-Dichloropropene	8260C	18.8	20.0	94	40-140
m,p-Xylenes	8260C	38.0	40.0	95	40-140
o-Xylene	8260C	19.2	20.0	96	40-140
trans-1,2-Dichloroethene	8260C	19.1	20.0	96	40-140
trans-1,3-Dichloropropene	8260C	18.4	20.0	92	40-140

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3541

Sample Name	Lab Code	2,4,6-Tribromophenol 13 - 128	2-Fluorobiphenyl 10 - 102	2-Fluorophenol 16 - 129
FT-SB-101-12	R1613026-001	0 *	0 *	0 *
FT-SB-101-15	R1613026-002	55	45	41
FT-SB-101-18	R1613026-003	36	36	33
FT-SB-108-2	R1613026-004	49	51	46
FT-SB-108-5	R1613026-005	39	41	39
FT-SB-108-10	R1613026-006	56	57	51
FT-SB-112-12	R1613026-007	58	61	56
FT-SB-112-4	R1613026-008	0 *	0 *	0 *
FT-SB-112-2	R1613026-009	43	54	51
FT-SB-109-19	R1613026-010	59	43	40
FT-SB-112-7	R1613026-011	55	57	53
FT-SB-111-14	R1613026-012	50	52	47
FT-SB-111-4	R1613026-013	51	64	51
FT-SB-111-9	R1613026-014	0 *	0 *	0 *
FT-SB-109-2	R1613026-015	61	70	58
FT-SB-109-18	R1613026-016	47	43	40
FT-SB-110-2	R1613026-017	21	23	20
FT-SB-110-7	R1613026-018	44	49	43
FT-SB-110-11	R1613026-019	61	55	44
Method Blank	RQ1615221-01	47	57	52
Lab Control Sample	RQ1615221-02	59	61	53
Duplicate Lab Control Sample	RQ1615221-03	61	60	54
FT-SB-110-11 MS	RQ1615221-04	56	49	47
FT-SB-110-11 DMS	RQ1615221-05	57	46	43

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3541

Sample Name	Lab Code	Nitrobenzene-d5 10 - 95	Phenol-d6 10 - 145	Terphenyl-d14 16 - 126
FT-SB-101-12	R1613026-001	0 *	0 *	0 *
FT-SB-101-15	R1613026-002	41	45	71
FT-SB-101-18	R1613026-003	34	35	45
FT-SB-108-2	R1613026-004	49	49	56
FT-SB-108-5	R1613026-005	40	42	58
FT-SB-108-10	R1613026-006	57	58	78
FT-SB-112-12	R1613026-007	59	58	81
FT-SB-112-4	R1613026-008	0 *	0 *	0 *
FT-SB-112-2	R1613026-009	48	50	59
FT-SB-109-19	R1613026-010	42	42	68
FT-SB-112-7	R1613026-011	56	55	67
FT-SB-111-14	R1613026-012	50	50	59
FT-SB-111-4	R1613026-013	54	57	65
FT-SB-111-9	R1613026-014	0 *	0 *	0 *
FT-SB-109-2	R1613026-015	59	66	80
FT-SB-109-18	R1613026-016	42	43	54
FT-SB-110-2	R1613026-017	25	22	26
FT-SB-110-7	R1613026-018	48	42	58
FT-SB-110-11	R1613026-019	49	51	64
Method Blank	RQ1615221-01	54	56	72
Lab Control Sample	RQ1615221-02	58	59	74
Duplicate Lab Control Sample	RQ1615221-03	58	60	76
FT-SB-110-11 MS	RQ1615221-04	49	51	62
FT-SB-110-11 DMS	RQ1615221-05	44	49	62

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16
Sample Matrix:	Soil	**Date Received:**	12/14/16
		Date Analyzed:	12/19/16
		Date Extracted:	12/15/16

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry
Analysis Method:	8270D		
Prep Method:	EPA 3541		

		Matrix Spike RQ1615221-04			Duplicate Matrix Spike RQ1615221-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	790 U	1880	4010	47	1770	4010	44	10-101	6	30
2,3,4,6-Tetrachlorophenol	790 U	2280	4010	57	2190	4010	55	11-125	4	30
2,4,5-Trichlorophenol	790 U	2260	4010	56	2400	4010	60	19-103	6	30
2,4,6-Trichlorophenol	790 U	2250	4010	56	2200	4010	55	13-149	2	30
2,4-Dichlorophenol	790 U	2390	4010	60	2210	4010	55	16-98	8	30
2,4-Dimethylphenol	790 U	2310	4010	58	2300	4010	57	10-98	<1	30
2,4-Dinitrophenol	4100 U	4100	4010	11	389 J	4010	10	10-129	NC	30
2,4-Dinitrotoluene	790 U	2210	4010	55	2380	4010	59	13-127	7	30
2,6-Dinitrotoluene	790 U	2150	4010	54	2100	4010	52	14-121	2	30
2-Chloronaphthalene	790 U	1990	4010	50	1860	4010	46	10-94	7	30
2-Chlorophenol	790 U	2180	4010	55	1970	4010	49	14-99	10	30
2-Methylnaphthalene	790 U	2190	4010	55	1890	4010	47	10-90	14	30
2-Methylphenol	790 U	2380	4010	59	2120	4010	53	14-99	11	30
2-Nitroaniline	4100 U	2280	4010	57	2340	4010	58	19-109	3	30
2-Nitrophenol	790 U	2110	4010	53	1990	4010	49	10-90	6	30
3,3'-Dichlorobenzidine	790 U	1950	4010	49	2190	4010	55	10-118	12	30
3- and 4-Methylphenol Coelution	790 U	2040	4010	51	1980	4010	49	11-101	3	30
3-Nitroaniline	4100 U	2040	4010	51	2140	4010	53	16-103	5	30
4,6-Dinitro-2-methylphenol	4100 U	4100	4010	14	984 J	4010	25	10-112	NC	30
4-Bromophenyl Phenyl Ether	790 U	2350	4010	59	2080	4010	52	13-112	12	30
4-Chloro-3-methylphenol	790 U	2470	4010	62	2450	4010	61	18-110	1	30
4-Chloroaniline	790 U	1880	4010	47	1900	4010	47	10-91	1	30
4-Chlorophenyl Phenyl Ether	790 U	2240	4010	56	2110	4010	53	11-104	6	30
4-Nitroaniline	4100 U	2440	4010	61	2590	4010	64	17-114	6	30
4-Nitrophenol	4100 U	2230	4010	56	2260	4010	56	11-131	1	30
Acenaphthene	790 U	2180	4010	55	2010	4010	50	12-99	8	30
Acenaphthylene	790 U	2130	4010	53	2000	4010	50	10-102	6	30
Acetophenone	790 U	3630	8010	45	3330	8030	41	12-99	9	30
Anthracene	790 U	2350	4010	59	2370	4010	59	15-116	<1	30
Atrazine	790 U	3050	4010	76	2860	4010	71	18-146	6	30
Benz(a)anthracene	790 U	2440	4010	61	2510	4010	63	10-129	3	30
Benzaldehyde	4100 U	1910	4010	48	1840 J	4010	46	10-200	4	30
Benzo(a)pyrene	790 U	2410	4010	60	2390	4010	60	10-127	<1	30
Benzo(b)fluoranthene	790 U	2280	4010	57	2310	4010	58	14-128	2	30
Benzo(g,h,i)perylene	790 U	2640	4010	66	2570	4010	64	10-132	3	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16
Sample Matrix:	Soil	**Date Received:**	12/14/16
		Date Analyzed:	12/19/16
		Date Extracted:	12/15/16

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry
Analysis Method:	8270D		
Prep Method:	EPA 3541		

		Matrix Spike RQ1615221-04			Duplicate Matrix Spike RQ1615221-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	790 U	2340	4010	58	2380	4010	59	16-118	2	30
Biphenyl	790 U	2050	4010	51	1900	4010	47	10-99	8	30
2,2'-Oxybis(1-chloropropane)	790 U	1350	4010	34	1210	4010	30	21-142	11	30
Bis(2-chloroethoxy)methane	790 U	1920	4010	48	1770	4010	44	16-93	8	30
Bis(2-chloroethyl) Ether	790 U	1720	4010	43	1540	4010	38	18-130	11	30
Bis(2-ethylhexyl) Phthalate	760	9160	4010	210 *	5340	4010	114	13-140	53*	30
Butyl Benzyl Phthalate	240 J	3270	4010	76	2850	4010	65	19-125	14	30
Caprolactam	790 U	1830	4010	46	1880	4010	47	10-115	3	30
Carbazole	790 U	2630	4010	66	2520	4010	63	21-118	4	30
Chrysene	790 U	2430	4010	61	2410	4010	60	10-133	1	30
Di-n-butyl Phthalate	100 J	2750	4010	66	2540	4010	61	19-128	8	30
Di-n-octyl Phthalate	790 U	2930	4010	73	3020	4010	75	16-140	3	30
Dibenz(a,h)anthracene	790 U	2330	4010	58	2240	4010	56	10-128	4	30
Dibenzofuran	790 U	2270	4010	57	2140	4010	53	13-99	6	30
Diethyl Phthalate	790 U	2250	4010	56	2340	4010	58	17-117	4	30
Dimethyl Phthalate	790 U	2330	4010	58	2290	4010	57	18-103	2	30
Fluoranthene	790 U	2490	4010	62	2420	4010	60	10-149	3	30
Fluorene	790 U	2350	4010	59	2150	4010	54	14-105	9	30
Hexachlorobenzene	790 U	2190	4010	55	2180	4010	54	14-114	<1	30
Hexachlorobutadiene	790 U	2000	4010	50	1860	4010	46	12-84	7	30
Hexachlorocyclopentadiene	790 U	790	4010	0 *	400 U	4010	2 *	10-101	NC	30
Hexachloroethane	790 U	1390	4010	35	1160	4010	29	16-114	18	30
Indeno(1,2,3-cd)pyrene	790 U	2400	4010	60	2370	4010	59	10-129	<1	30
Isophorone	790 U	1940	4010	48	1840	4010	46	15-95	5	30
N-Nitrosodi-n-propylamine	790 U	1900	4010	47	1720	4010	43	11-98	9	30
N-Nitrosodiphenylamine	790 U	2630	4010	66	2430	4010	61	16-121	8	30
Naphthalene	790 U	2010	4010	50	1760	4010	44	10-83	13	30
Nitrobenzene	790 U	1930	4010	48	1800	4010	45	20-84	7	30
Pentachlorophenol (PCP)	4100 U	2410	4010	60	2500	4010	62	10-127	3	30
Phenanthrene	790 U	2420	4010	60	2330	4010	58	10-137	3	30
Phenol	790 U	2000	4010	50	1930	4010	48	10-109	3	30
Pyrene	790 U	2420	4010	60	2390	4010	60	10-147	1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615221-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	330 U	330	79	1	12/16/16 08:09	12/15/16	
2,3,4,6-Tetrachlorophenol	330 U	330	86	1	12/16/16 08:09	12/15/16	
2,4,5-Trichlorophenol	330 U	330	60	1	12/16/16 08:09	12/15/16	
2,4,6-Trichlorophenol	330 U	330	39	1	12/16/16 08:09	12/15/16	
2,4-Dichlorophenol	330 U	330	58	1	12/16/16 08:09	12/15/16	
2,4-Dimethylphenol	330 U	330	61	1	12/16/16 08:09	12/15/16	
2,4-Dinitrophenol	1700 U	1700	260	1	12/16/16 08:09	12/15/16	
2,4-Dinitrotoluene	330 U	330	63	1	12/16/16 08:09	12/15/16	
2,6-Dinitrotoluene	330 U	330	83	1	12/16/16 08:09	12/15/16	
2-Chloronaphthalene	330 U	330	52	1	12/16/16 08:09	12/15/16	
2-Chlorophenol	330 U	330	43	1	12/16/16 08:09	12/15/16	
2-Methylnaphthalene	330 U	330	54	1	12/16/16 08:09	12/15/16	
2-Methylphenol	330 U	330	69	1	12/16/16 08:09	12/15/16	
2-Nitroaniline	1700 U	1700	220	1	12/16/16 08:09	12/15/16	
2-Nitrophenol	330 U	330	46	1	12/16/16 08:09	12/15/16	
3,3'-Dichlorobenzidine	330 U	330	65	1	12/16/16 08:09	12/15/16	
3- and 4-Methylphenol Coelution	330 U	330	130	1	12/16/16 08:09	12/15/16	
3-Nitroaniline	1700 U	1700	330	1	12/16/16 08:09	12/15/16	
4,6-Dinitro-2-methylphenol	1700 U	1700	340	1	12/16/16 08:09	12/15/16	
4-Bromophenyl Phenyl Ether	330 U	330	63	1	12/16/16 08:09	12/15/16	
4-Chloro-3-methylphenol	330 U	330	52	1	12/16/16 08:09	12/15/16	
4-Chloroaniline	330 U	330	64	1	12/16/16 08:09	12/15/16	
4-Chlorophenyl Phenyl Ether	330 U	330	58	1	12/16/16 08:09	12/15/16	
4-Nitroaniline	1700 U	1700	250	1	12/16/16 08:09	12/15/16	
4-Nitrophenol	1700 U	1700	210	1	12/16/16 08:09	12/15/16	
Acenaphthene	330 U	330	56	1	12/16/16 08:09	12/15/16	
Acenaphthylene	330 U	330	55	1	12/16/16 08:09	12/15/16	
Acetophenone	330 U	330	94	1	12/16/16 08:09	12/15/16	
Anthracene	330 U	330	62	1	12/16/16 08:09	12/15/16	
Atrazine	330 U	330	190	1	12/16/16 08:09	12/15/16	
Benz(a)anthracene	330 U	330	49	1	12/16/16 08:09	12/15/16	
Benzaldehyde	1700 U	1700	130	1	12/16/16 08:09	12/15/16	
Benzo(a)pyrene	330 U	330	57	1	12/16/16 08:09	12/15/16	
Benzo(b)fluoranthene	330 U	330	50	1	12/16/16 08:09	12/15/16	
Benzo(g,h,i)perylene	330 U	330	53	1	12/16/16 08:09	12/15/16	
Benzo(k)fluoranthene	330 U	330	55	1	12/16/16 08:09	12/15/16	
Biphenyl	330 U	330	67	1	12/16/16 08:09	12/15/16	
2,2'-Oxybis(1-chloropropane)	330 U	330	59	1	12/16/16 08:09	12/15/16	
Bis(2-chloroethoxy)methane	330 U	330	39	1	12/16/16 08:09	12/15/16	
Bis(2-chloroethyl) Ether	330 U	330	61	1	12/16/16 08:09	12/15/16	
Bis(2-ethylhexyl) Phthalate	330 U	330	49	1	12/16/16 08:09	12/15/16	
Butyl Benzyl Phthalate	330 U	330	65	1	12/16/16 08:09	12/15/16	
Caprolactam	330 U	330	80	1	12/16/16 08:09	12/15/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615221-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	330 U	330	57	1	12/16/16 08:09	12/15/16	
Chrysene	330 U	330	51	1	12/16/16 08:09	12/15/16	
Di-n-butyl Phthalate	330 U	330	80	1	12/16/16 08:09	12/15/16	
Di-n-octyl Phthalate	330 U	330	63	1	12/16/16 08:09	12/15/16	
Dibenz(a,h)anthracene	330 U	330	50	1	12/16/16 08:09	12/15/16	
Dibenzofuran	330 U	330	57	1	12/16/16 08:09	12/15/16	
Diethyl Phthalate	330 U	330	64	1	12/16/16 08:09	12/15/16	
Dimethyl Phthalate	330 U	330	60	1	12/16/16 08:09	12/15/16	
Fluoranthene	330 U	330	69	1	12/16/16 08:09	12/15/16	
Fluorene	330 U	330	53	1	12/16/16 08:09	12/15/16	
Hexachlorobenzene	330 U	330	61	1	12/16/16 08:09	12/15/16	
Hexachlorobutadiene	330 U	330	36	1	12/16/16 08:09	12/15/16	
Hexachlorocyclopentadiene	330 U	330	73	1	12/16/16 08:09	12/15/16	
Hexachloroethane	330 U	330	44	1	12/16/16 08:09	12/15/16	
Indeno(1,2,3-cd)pyrene	330 U	330	55	1	12/16/16 08:09	12/15/16	
Isophorone	330 U	330	52	1	12/16/16 08:09	12/15/16	
N-Nitrosodi-n-propylamine	330 U	330	75	1	12/16/16 08:09	12/15/16	
N-Nitrosodiphenylamine	330 U	330	57	1	12/16/16 08:09	12/15/16	
Naphthalene	330 U	330	47	1	12/16/16 08:09	12/15/16	
Nitrobenzene	330 U	330	50	1	12/16/16 08:09	12/15/16	
Pentachlorophenol (PCP)	1700 U	1700	270	1	12/16/16 08:09	12/15/16	
Phenanthrene	330 U	330	69	1	12/16/16 08:09	12/15/16	
Phenol	330 U	330	120	1	12/16/16 08:09	12/15/16	
Pyrene	330 U	330	70	1	12/16/16 08:09	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	47	13 - 128	12/16/16 08:09	
2-Fluorobiphenyl	57	10 - 102	12/16/16 08:09	
2-Fluorophenol	52	16 - 129	12/16/16 08:09	
Nitrobenzene-d5	54	10 - 95	12/16/16 08:09	
Phenol-d6	56	10 - 145	12/16/16 08:09	
Terphenyl-d14	72	16 - 126	12/16/16 08:09	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000141-79-7	3-Penten-2-one, 4-methyl-	2.94	250	JN
	unknown	3.13	2800	J
	unknown	3.37	97000	J
	unknown	3.88	790	J
	unknown	5.46	180	J

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/16/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615221-02			RQ1615221-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	8270D	2000	3330	60	2060	3330	62	31-127	3	30
2,3,4,6-Tetrachlorophenol	8270D	2030	3330	61	1970	3330	59	37-123	3	30
2,4,5-Trichlorophenol	8270D	2100	3330	63	2180	3330	65	32-104	4	30
2,4,6-Trichlorophenol	8270D	2170	3330	65	2140	3330	64	30-101	1	30
2,4-Dichlorophenol	8270D	2200	3330	66	2260	3330	68	39-135	3	30
2,4-Dimethylphenol	8270D	2220	3330	67	2170	3330	65	31-135	2	30
2,4-Dinitrophenol	8270D	802 J	3330	24	525 J	3330	16	10-128	42*	30
2,4-Dinitrotoluene	8270D	2310	3330	69	2320	3330	70	39-122	<1	30
2,6-Dinitrotoluene	8270D	2120	3330	64	2150	3330	64	34-122	1	30
2-Chloronaphthalene	8270D	2060	3330	62	1990	3330	60	41-124	3	30
2-Chlorophenol	8270D	2090	3330	63	2040	3330	61	39-123	2	30
2-Methylnaphthalene	8270D	2080	3330	62	2100	3330	63	33-125	<1	30
2-Methylphenol	8270D	2030	3330	61	1970	3330	59	38-123	3	30
2-Nitroaniline	8270D	2130	3330	64	2220	3330	67	25-116	4	30
2-Nitrophenol	8270D	2040	3330	61	2030	3330	61	23-96	<1	30
3,3'-Dichlorobenzidine	8270D	1850	3330	56	1770	3330	53	25-105	5	30
3- and 4-Methylphenol Coelution	8270D	1990	3330	60	1960	3330	59	42-114	2	30
3-Nitroaniline	8270D	1810	3330	54	1710	3330	51	43-106	6	30
4,6-Dinitro-2-methylphenol	8270D	1170 J	3330	35	916 J	3330	27	10-127	24	30
4-Bromophenyl Phenyl Ether	8270D	2000	3330	60	2030	3330	61	40-102	2	30
4-Chloro-3-methylphenol	8270D	2150	3330	64	2210	3330	66	42-140	3	30
4-Chloroaniline	8270D	1630	3330	49	1510	3330	45	34-101	8	30
4-Chlorophenyl Phenyl Ether	8270D	2080	3330	62	2130	3330	64	39-100	3	30
4-Nitroaniline	8270D	2330	3330	70	2110	3330	63	35-112	10	30
4-Nitrophenol	8270D	1750	3330	52	1750	3330	52	34-123	<1	30
Acenaphthene	8270D	2090	3330	63	2120	3330	64	32-100	1	30
Acenaphthylene	8270D	2090	3330	63	2080	3330	62	33-100	<1	30
Acetophenone	8270D	3510	6670	53	3480	6670	52	23-87	<1	30
Anthracene	8270D	2250	3330	67	2200	3330	66	46-103	2	30
Atrazine	8270D	2780	3330	83	2730	3330	82	44-137	2	30
Benz(a)anthracene	8270D	2370	3330	71	2410	3330	72	32-105	2	30
Benzaldehyde	8270D	2160	3330	65	2180	3330	65	10-200	<1	30
Benzo(a)pyrene	8270D	2370	3330	71	2370	3330	71	48-110	<1	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/16/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615221-02			RQ1615221-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	2220	3330	67	2220	3330	67	44-107	<1	30
Benzo(g,h,i)perylene	8270D	2920	3330	87	2880	3330	86	49-120	1	30
Benzo(k)fluoranthene	8270D	2310	3330	69	2310	3330	69	46-107	<1	30
Biphenyl	8270D	2030	3330	61	2010	3330	60	24-104	<1	30
2,2'-Oxybis(1-chloropropane)	8270D	1490	3330	45	1490	3330	45	38-138	<1	30
Bis(2-chloroethoxy)methane	8270D	1870	3330	56	1900	3330	57	28-91	1	30
Bis(2-chloroethyl) Ether	8270D	1750	3330	52	1710	3330	51	37-86	2	30
Bis(2-ethylhexyl) Phthalate	8270D	2460	3330	74	2500	3330	75	35-119	1	30
Butyl Benzyl Phthalate	8270D	2480	3330	74	2540	3330	76	47-117	2	30
Caprolactam	8270D	2100	3330	63	2180	3330	65	30-111	4	30
Carbazole	8270D	2370	3330	71	2360	3330	71	41-112	<1	30
Chrysene	8270D	2360	3330	71	2460	3330	74	48-111	4	30
Di-n-butyl Phthalate	8270D	2520	3330	76	2540	3330	76	51-120	<1	30
Di-n-octyl Phthalate	8270D	2380	3330	71	2330	3330	70	47-127	2	30
Dibenz(a,h)anthracene	8270D	2530	3330	76	2540	3330	76	46-114	<1	30
Dibenzofuran	8270D	2160	3330	65	2160	3330	65	34-97	<1	30
Diethyl Phthalate	8270D	2310	3330	69	2280	3330	69	45-108	1	30
Dimethyl Phthalate	8270D	2290	3330	69	2300	3330	69	41-101	<1	30
Fluoranthene	8270D	2260	3330	68	2250	3330	67	45-113	<1	30
Fluorene	8270D	2170	3330	65	2210	3330	66	38-101	2	30
Hexachlorobenzene	8270D	2130	3330	64	2140	3330	64	41-106	<1	30
Hexachlorobutadiene	8270D	2290	3330	69	2240	3330	67	10-142	2	30
Hexachlorocyclopentadiene	8270D	683	3330	20	700	3330	21	10-133	3	30
Hexachloroethane	8270D	1840	3330	55	1750	3330	53	10-129	5	30
Indeno(1,2,3-cd)pyrene	8270D	2560	3330	77	2530	3330	76	46-115	1	30
Isophorone	8270D	1910	3330	57	1920	3330	58	27-95	<1	30
N-Nitrosodi-n-propylamine	8270D	1840	3330	55	1850	3330	56	21-89	<1	30
N-Nitrosodiphenylamine	8270D	2380	3330	71	2360	3330	71	37-116	<1	30
Naphthalene	8270D	2020	3330	61	2010	3330	60	31-123	<1	30
Nitrobenzene	8270D	1880	3330	57	1920	3330	58	35-134	2	30
Pentachlorophenol (PCP)	8270D	1950	3330	58	1890	3330	57	10-137	3	30
Phenanthrene	8270D	2200	3330	66	2160	3330	65	45-106	2	30
Phenol	8270D	2000	3330	60	1910	3330	57	10-144	4	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/16/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615221-02			RQ1615221-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	2350	3330	71	2370	3330	71	48-117	<1	30

Semivolatile Organic Compounds by GC

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Extraction Method: EPA 3541

Sample Name	Lab Code	Decachlorobiphenyl 10 - 122	Tetrachloro-m-xylene 10 - 123
FT-SB-112-12	R1613026-007	96	40
FT-SB-112-4	R1613026-008	0 *	0 *
FT-SB-112-2	R1613026-009	0 *	0 *
FT-SB-109-19	R1613026-010	79	33
FT-SB-112-7	R1613026-011	79	61
FT-SB-111-14	R1613026-012	87	70
FT-SB-111-4	R1613026-013	0 *	0 *
FT-SB-111-9	R1613026-014	45	27
FT-SB-109-2	R1613026-015	0 *	0 *
FT-SB-109-18	R1613026-016	112	87
FT-SB-110-2	R1613026-017	0 *	0 *
FT-SB-110-7	R1613026-018	76	59
FT-SB-110-11	R1613026-019	84	49
Method Blank	RQ1615214-01	98	76
Lab Control Sample	RQ1615214-02	102	76
Duplicate Lab Control Sample	RQ1615214-03	101	78
FT-SB-110-11 MS	RQ1615214-04	111	76
FT-SB-110-11 DMS	RQ1615214-05	96	67

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16
Sample Matrix:	Soil	**Date Received:**	12/14/16
		Date Analyzed:	12/20/16
		Date Extracted:	12/15/16

Duplicate Matrix Spike Summary
Organochlorine Pesticides by Gas Chromatography

Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry
Analysis Method:	8081B		
Prep Method:	EPA 3541		

		Matrix Spike RQ1615214-04			Duplicate Matrix Spike RQ1615214-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	2.0 U	9.35	8.00	117	8.36	8.00	104	10-165	11	30
4,4'-DDE	2.0 U	8.52	8.00	107	7.68	8.00	96	10-165	10	30
4,4'-DDT	2.0 U	9.90	8.00	124	8.60	8.00	107	10-163	14	30
Aldrin	2.0 U	7.99	8.00	100	7.08	8.00	88	10-167	12	30
Dieldrin	2.0 U	8.44	8.00	106	7.78	8.00	97	24-140	8	30
Endosulfan I	2.0 U	7.32	8.00	92	6.81	8.00	85	13-145	7	30
Endosulfan II	1.5 J	9.42	8.00	102	8.93	8.00	96	12-178	5	30
Endosulfan Sulfate	2.0 U	8.86	8.00	111	8.07	8.00	101	15-157	9	30
Endrin	2.0 U	11.0	8.00	137	9.59	8.00	120	16-153	13	30
Endrin Aldehyde	2.0 U	4.75	8.00	59	6.71	8.00	84	10-161	34*	30
Endrin Ketone	2.0 U	9.54	8.00	119	8.53	8.00	107	17-161	11	30
Heptachlor	2.0 U	7.37	8.00	92	6.87	8.00	86	10-160	7	30
Heptachlor Epoxide	2.0 U	8.45	8.00	106	7.44	8.00	93	10-166	13	30
Methoxychlor	2.0 U	9.60	8.00	120	9.00	8.00	112	10-192	6	30
alpha-BHC	2.0 U	7.40	8.00	92	7.00	8.00	87	10-149	6	30
alpha-Chlordane	2.0 U	8.34	8.00	104	7.17	8.00	90	10-180	15	30
beta-BHC	2.0 U	7.71	8.00	96	8.07	8.00	101	10-176	5	30
delta-BHC	2.0 U	8.43	8.00	105	8.36	8.00	104	17-138	<1	30
gamma-BHC (Lindane)	2.0 U	7.63	8.00	95	6.89	8.00	86	10-141	10	30
gamma-Chlordane	2.0 U	8.62	8.00	108	7.71	8.00	96	14-139	11	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615214-01	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
4,4'-DDE	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
4,4'-DDT	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
Aldrin	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
Dieldrin	1.7 U	1.7	1.1	1	12/20/16 08:19	12/15/16	
Endosulfan I	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
Endosulfan II	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
Endosulfan Sulfate	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
Endrin	1.7 U	1.7	1.5	1	12/22/16 09:06	12/15/16	
Endrin Aldehyde	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
Endrin Ketone	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
Heptachlor	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
Heptachlor Epoxide	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
Methoxychlor	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
Toxaphene	17 U	17	8.4	1	12/20/16 08:19	12/15/16	
alpha-BHC	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
alpha-Chlordane	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
beta-BHC	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
delta-BHC	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
gamma-BHC (Lindane)	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	
gamma-Chlordane	1.7 U	1.7	0.84	1	12/20/16 08:19	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	98	10 - 122	12/20/16 08:19	
Tetrachloro-m-xylene	76	10 - 123	12/20/16 08:19	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/20/16

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615214-02			RQ1615214-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	6.24	6.67	94	6.57	6.67	99	17-138	5	30
4,4'-DDE	8081B	6.69	6.67	100	7.03	6.67	105	35-125	5	30
4,4'-DDT	8081B	6.38	6.67	96	6.60	6.67	99	34-123	3	30
Aldrin	8081B	5.70	6.67	85	5.64	6.67	85	10-103	1	30
Dieldrin	8081B	6.38	6.67	96	6.47	6.67	97	22-120	1	30
Endosulfan I	8081B	5.90	6.67	88	6.03	6.67	91	30-108	2	30
Endosulfan II	8081B	6.47	6.67	97	6.64	6.67	100	26-122	3	30
Endosulfan Sulfate	8081B	6.32	6.67	95	6.13	6.67	92	22-121	3	30
Endrin	8081B	7.12	6.67	107	7.19	6.67	108	42-133	<1	30
Endrin Aldehyde	8081B	2.82	6.67	42	3.12	6.67	47	10-73	10	30
Endrin Ketone	8081B	6.34	6.67	95	6.71	6.67	101	36-116	6	30
Heptachlor	8081B	6.10	6.67	91	6.07	6.67	91	31-115	<1	30
Heptachlor Epoxide	8081B	6.26	6.67	94	6.40	6.67	96	27-131	2	30
Methoxychlor	8081B	7.15	6.67	107	7.46	6.67	112	32-148	4	30
alpha-BHC	8081B	5.93	6.67	89	6.13	6.67	92	19-126	3	30
alpha-Chlordane	8081B	6.34	6.67	95	6.43	6.67	96	31-104	1	30
beta-BHC	8081B	5.52	6.67	83	5.72	6.67	86	28-123	4	30
delta-BHC	8081B	6.11	6.67	92	6.18	6.67	93	17-126	1	30
gamma-BHC (Lindane)	8081B	5.89	6.67	88	5.86	6.67	88	23-125	<1	30
gamma-Chlordane	8081B	6.08	6.67	91	6.13	6.67	92	28-107	<1	30

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613026
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Extraction Method: EPA 3541

Sample Name	Lab Code	Decachlorobiphenyl 22 - 128	Tetrachloro-m-xylene 14 - 119
FT-SB-101-12	R1613026-001	0 *	0 *
FT-SB-101-15	R1613026-002	80	58
FT-SB-101-18	R1613026-003	62	54
FT-SB-108-2	R1613026-004	80	64
FT-SB-108-5	R1613026-005	70	54
FT-SB-108-10	R1613026-006	86	55
FT-SB-112-12	R1613026-007	98	50
FT-SB-112-4	R1613026-008	0 *	0 *
FT-SB-112-2	R1613026-009	0 *	0 *
FT-SB-109-19	R1613026-010	72	32
FT-SB-112-7	R1613026-011	86	73
FT-SB-111-14	R1613026-012	61	57
FT-SB-111-4	R1613026-013	0 *	0 *
FT-SB-111-9	R1613026-014	0 *	0 *
FT-SB-109-2	R1613026-015	0 *	0 *
FT-SB-109-18	R1613026-016	97	80
FT-SB-110-2	R1613026-017	0 *	0 *
FT-SB-110-7	R1613026-018	82	66
FT-SB-110-11	R1613026-019	88	51
Method Blank	RQ1615214-01	87	82
Lab Control Sample	RQ1615214-02	76	74
Duplicate Lab Control Sample	RQ1615214-03	77	76
FT-SB-110-11 MS	RQ1615214-06	96	46
FT-SB-110-11 DMS	RQ1615214-07	96	56
Method Blank	RQ1615262-01	79	75
Lab Control Sample	RQ1615262-02	87	82
Duplicate Lab Control Sample	RQ1615262-03	92	89

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16
Sample Matrix:	Soil	**Date Received:**	12/14/16
		Date Analyzed:	12/19/16
		Date Extracted:	12/15/16

Duplicate Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	FT-SB-110-11	**Units:**	ug/Kg
Lab Code:	R1613026-019	**Basis:**	Dry
Analysis Method:	8082A		
Prep Method:	EPA 3541		

		Matrix Spike RQ1615214-06			**Duplicate Matrix Spike** RQ1615214-07					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	40 U	147	200	73	198	200	99	18-144	30	30
Aroclor 1260	40 U	208	200	104	235	200	118	19-162	12	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615214-01	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	33 U	33	17	1	12/19/16 15:09	12/15/16	
Aroclor 1221	67 U	67	34	1	12/19/16 15:09	12/15/16	
Aroclor 1232	33 U	33	17	1	12/19/16 15:09	12/15/16	
Aroclor 1242	33 U	33	17	1	12/19/16 15:09	12/15/16	
Aroclor 1248	33 U	33	17	1	12/19/16 15:09	12/15/16	
Aroclor 1254	33 U	33	19	1	12/19/16 15:09	12/15/16	
Aroclor 1260	33 U	33	17	1	12/19/16 15:09	12/15/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	87	22 - 128	12/19/16 15:09	
Tetrachloro-m-xylene	82	14 - 119	12/19/16 15:09	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615262-01	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	33 U	33	17	1	12/22/16 07:48	12/16/16	
Aroclor 1221	67 U	67	34	1	12/22/16 07:48	12/16/16	
Aroclor 1232	33 U	33	17	1	12/22/16 07:48	12/16/16	
Aroclor 1242	33 U	33	17	1	12/22/16 07:48	12/16/16	
Aroclor 1248	33 U	33	17	1	12/22/16 07:48	12/16/16	
Aroclor 1254	33 U	33	19	1	12/22/16 07:48	12/16/16	
Aroclor 1260	33 U	33	17	1	12/22/16 07:48	12/16/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	79	22 - 128	12/22/16 07:48	
Tetrachloro-m-xylene	75	14 - 119	12/22/16 07:48	

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/19/16

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/Kg
Basis: Dry

			Lab Control Sample RQ1615214-02			Duplicate Lab Control Sample RQ1615214-03				
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	144	167	87	149	167	89	43-129	3	30
Aroclor 1260	8082A	128	167	77	130	167	78	49-135	1	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/22/16

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/Kg
Basis: Dry

			Lab Control Sample RQ1615262-02			Duplicate Lab Control Sample RQ1615262-03				
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	164	167	98	172	167	103	43-129	5	30
Aroclor 1260	8082A	142	167	85	151	167	91	49-135	6	30

Metals

ALS Environmental—Rochester Laboratory
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BLANKS

Contract: R1613026

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SB-101-12

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): MG/KG

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	36.33	U	36.33	U	51.80	J	36.33	U	3.633	U	P
Antimony	1.69	U	1.69	U	1.69	U	1.69	U	-0.340	J	P
Arsenic	1.65	U	1.65	U	1.65	U	1.65	U	0.165	U	P
Barium	6.50	J	1.04	U	10.70	J	1.04	U	-0.150	J	P
Beryllium	0.12	U	0.12	U	0.20	J	0.12	U	0.012	U	P
Cadmium	0.27	U	0.27	U	0.40	J	0.27	U	0.027	U	P
Mercury	0.018	U	0.018	U	0.018	U	0.018	U	0.003	U	CV
Calcium	133.23	U	133.23	U	133.23	U	133.23	U	13.323	U	P
Chromium	0.41	U	0.41	U	1.30	J	0.41	U	0.130	J	P
Cobalt	0.40	U	0.40	U	1.30	J	-0.70	J	-0.080	J	P
Copper	1.10	U	1.10	U	1.10	U	1.10	U	0.110	J	P
Iron	8.52	U	8.52	U	8.52	U	8.52	U	1.490	J	P
Lead	1.43	U	1.43	U	1.43	U	1.43	U	0.143	U	P
Magnesium	14.80	U	14.80	U	62.10	J	14.80	U	1.480	U	P
Manganese	0.46	U	0.46	U	1.40	J	0.46	U	0.090	J	P
Nickel	1.26	U	1.26	U	1.26	U	1.26	U	-0.160	J	P
Potassium	40.64	U	40.64	U	75.00	J	40.64	U	4.064	U	P
Selenium	5.91	U	5.91	U	5.91	U	5.91	U	0.591	U	P
Silver	0.44	U	0.44	U	0.50	J	0.44	U	0.044	U	P
Sodium	78.19	U	78.19	U	78.19	U	78.19	U	23.530	J	P
Thallium	5.01	U	5.01	U	5.01	U	5.01	U	0.501	U	P
Vanadium	1.00	J	0.67	U	1.90	J	0.67	U	0.067	U	P
Zinc	1.23	U	1.23	U	1.23	U	1.23	U	0.123	U	P

Comments:

METALS

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BLANKS

Contract: R1613026

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SB-101-12

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			36.33	U	36.33	U	36.33	U			P
Antimony			1.69	U	1.69	U	1.69	U			P
Arsenic			1.65	U	-2.10	J	1.65	U			P
Barium			1.04	U	1.04	U	1.04	U			P
Beryllium			0.12	U	0.12	U	0.12	U			P
Cadmium			0.27	U	0.27	U	0.27	U			P
Mercury			0.018	U	0.018	U	0.018	U			CV
Calcium			133.23	U	133.23	U	133.23	U			P
Chromium			0.41	U	0.41	U	0.41	U			P
Cobalt			0.40	U	0.40	U	-0.80	J			P
Copper			1.10	U	1.10	U	1.10	U			P
Iron			8.52	U	8.52	U	9.60	J			P
Lead			1.43	U	1.43	U	1.43	U			P
Magnesium			14.80	U	14.80	U	22.50	J			P
Manganese			0.46	U	0.46	U	0.46	U			P
Nickel			1.26	U	1.26	U	1.26	U			P
Potassium			40.64	U	40.64	U	40.64	U			P
Selenium			5.91	U	5.91	U	5.91	U			P
Silver			0.44	U	0.44	U	0.44	U			P
Sodium			78.19	U	78.19	U	78.19	U			P
Thallium			5.01	U	5.01	U	5.01	U			P
Vanadium			0.67	U	0.67	U	0.67	U			P
Zinc			1.23	U	1.23	U	1.23	U			P

Comments:

METALS

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BLANKS

Contract: R1613026

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SB-101-12

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			36.33	U	36.33	U	36.33	U			P
Antimony			1.90	J	1.69	U	1.69	U			P
Arsenic			1.65	U	1.65	U	1.65	U			P
Barium			4.70	J	5.00	J	3.30	J			P
Beryllium			0.12	U	0.12	U	0.12	U			P
Cadmium			0.27	U	0.27	U	0.27	U			P
Mercury			0.018	U	0.018	U					CV
Calcium			133.23	U	133.23	U	133.23	U			P
Chromium			0.41	U	0.41	U	0.41	U			P
Cobalt			0.40	U	0.50	J	-0.60	J			P
Copper			1.10	U	1.10	U	1.10	U			P
Iron			87.60	J	28.90	J	19.20	J			P
Lead			1.43	U	1.43	U	1.43	U			P
Magnesium			14.80	U	14.80	U	14.80	U			P
Manganese			0.60	J	0.80	J	0.50	J			P
Nickel			1.26	U	1.26	U	1.26	U			P
Potassium			40.64	U	40.64	U	40.64	U			P
Selenium			5.91	U	5.91	U	5.91	U			P
Silver			0.44	U	0.44	U	0.44	U			P
Sodium			78.19	U	78.19	U	78.19	U			P
Thallium			5.01	U	5.01	U	5.01	U			P
Vanadium			0.67	U	0.67	U	0.67	U			P
Zinc			2.40	J	1.23	U	1.23	U			P

Comments:

METALS

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BLANKS

Contract: R1613026

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SB-101-12

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			36.33	U							P
Antimony			1.69	U							P
Arsenic			1.65	U							P
Barium			1.04	U							P
Beryllium			0.12	U							P
Cadmium			0.27	U							P
Calcium			133.23	U							P
Chromium			0.41	U							P
Cobalt			-0.70	J							P
Copper			1.10	U							P
Iron			14.10	J							P
Lead			1.43	U							P
Magnesium			31.90	J							P
Manganese			0.46	U							P
Nickel			1.26	U							P
Potassium			40.64	U							P
Selenium			5.91	U							P
Silver			0.44	U							P
Sodium			78.19	U							P
Thallium			5.01	U							P
Vanadium			0.67	U							P
Zinc			1.23	U							P

Comments:

METALS

-3-

BLANKS

Contract: R1613026

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SB-101-12

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): MG/KG

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	3.06	J	3.11	J	2.36	U	2.36	U			P
Copper	8.87	J	7.66	J	7.11	J	6.55	J			P

Comments:

METALS

-3-

BLANKS

Contract: R1613026

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SB-101-12

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			2.78	J							P
Copper			8.20	J							P

Comments:

ALS Environmental

METALS

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-SB-110-11S

Contract: R1613026

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SB-101-12

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 83.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		4210.00		4110.00		238.0	42		P
Arsenic	75 - 125	5.62		1.09	J	4.8	94		P
Antimony	75 - 125	51.80		0.19	U	59.6	87		P
Barium	75 - 125	285.00		42.00		238.0	102		P
Beryllium	75 - 125	5.87		0.10	J	6.0	96		P
Cadmium	75 - 125	6.26		0.14	J	6.0	102		P
Mercury	75 - 125	0.243		0.037	J	0.19	108		CV
Calcium	75 - 125	1000.00		680.00		238.0	134	N	P
Chromium	75 - 125	29.30		5.88		23.8	98		P
Cobalt	75 - 125	61.20		2.57	J	59.6	98		P
Copper	75 - 125	54.40		22.00		29.8	109		P
Iron		8320.00		8580.00		119.0	-218		P
Lead	75 - 125	86.30		17.00		59.6	116		P
Magnesium		1290.00		1110.00		238.0	76		P
Manganese	75 - 125	166.00		147.00		59.6	32	N	P
Nickel	75 - 125	66.40		6.92		59.6	100		P
Potassium	75 - 125	2510.00		472.00		2380.0	86		P
Selenium	75 - 125	105.00		0.68	U	120.0	88		P
Silver	75 - 125	5.53		0.05	U	6.0	92		P
Sodium	75 - 125	2190.00		21.90	J	2380.0	91		P
Thallium	75 - 125	212.00		0.57	U	238.0	89		P
Vanadium	75 - 125	64.90		7.05		59.6	97		P
Zinc	75 - 125	141.00		67.40		59.6	123		P

Comments: _____

ALS Environmental

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-SB-110-11SD

Contract: R1613026

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SB-101-12

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 83.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		3920.00		4110.00		238.0	-80		P
Arsenic	75 - 125	5.61		1.09	J	4.8	94		P
Antimony	75 - 125	51.70		0.19	U	59.6	87		P
Barium	75 - 125	277.00		42.00		238.0	99		P
Beryllium	75 - 125	5.86		0.10	J	6.0	96		P
Cadmium	75 - 125	6.03		0.14	J	6.0	98		P
Mercury	75 - 125	0.226		0.037	J	0.19	99		CV
Calcium	75 - 125	892.00		680.00		238.0	89		P
Chromium	75 - 125	28.50		5.88		23.8	95		P
Cobalt	75 - 125	61.10		2.57	J	59.6	98		P
Copper	75 - 125	45.90		22.00		29.8	80		P
Iron		7680.00		8580.00		119.0	-756		P
Lead	75 - 125	75.10		17.00		59.6	97		P
Magnesium		1270.00		1110.00		238.0	67		P
Manganese	75 - 125	156.00		147.00		59.6	15	N	P
Nickel	75 - 125	64.70		6.92		59.6	97		P
Potassium	75 - 125	2480.00		472.00		2380.0	84		P
Selenium	75 - 125	105.00		0.68	U	120.0	88		P
Silver	75 - 125	5.50		0.05	U	6.0	92		P
Sodium	75 - 125	2180.00		21.90	J	2380.0	91		P
Thallium	75 - 125	212.00		0.57	U	238.0	89		P
Vanadium	75 - 125	64.60		7.05		59.6	97		P
Zinc	75 - 125	119.00		67.40		59.6	87		P

Comments: _____

METALS
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DUPLICATES

SAMPLE NO.

FT-SB-110-11SD

Contract: R1613026

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SB-101-12

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 83.1 % Solids for Duplicate: 83.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		4210.00		3920.00		7		P
Arsenic		5.62		5.61		0		P
Antimony		51.80		51.70		0		P
Barium		285.00		277.00		3		P
Beryllium		5.87		5.86		0		P
Cadmium		6.26		6.03		4		P
Mercury		0.243		0.226		7		CV
Calcium		1000.00		892.00		11		P
Chromium		29.30		28.50		3		P
Cobalt		61.20		61.10		0		P
Copper		54.40		45.90		17		P
Iron		8320.00		7680.00		8		P
Lead		86.30		75.10		14		P
Magnesium		1290.00		1270.00		2		P
Manganese		166.00		156.00		6		P
Nickel		66.40		64.70		3		P
Potassium		2510.00		2480.00		1		P
Selenium		105.00		105.00		0		P
Silver		5.53		5.50		1		P
Sodium		2190.00		2180.00		0		P
Thallium		212.00		212.00		0		P
Vanadium		64.90		64.60		0		P
Zinc		141.00		119.00		17		P

Comments: _____

METALS

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LABORATORY CONTROL SAMPLE

Contract: R1613026

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SB-101-12

Solid LCS Source: CPI

Aqueous LCS Source:

Analyte	Aqueous (ug/L True	Found	%R	Solid (mg/K True	Found	C	Limits		%R
Aluminum				200	177.54		160	240	89
Antimony				50	46.36		40	60	93
Arsenic				4	3.74		3.2	4.8	94
Barium				200	204.03		160	240	102
Beryllium				5	4.82		4	6	96
Cadmium				5	5.03		4	6	101
Mercury				0.166	0.17		.133	.199	102
Calcium				200	181.35		160	240	91
Chromium				20	19.63		16	24	98
Cobalt				50	49.39		40	60	99
Copper				25	24.16		20	30	97
Iron				100	96.22		80	120	96
Lead				50	49.59		40	60	99
Magnesium				200	188.70		160	240	94
Manganese				50	48.69		40	60	97
Nickel				50	49.48		40	60	99
Potassium				2000	1809.40		1600	2400	90
Selenium				101	87.73		80.8	121	87
Silver				5	4.57		4	6	91
Sodium				2000	1842.77		1600	2400	92
Thallium				200	174.15		160	240	87
Vanadium				50	49.02		40	60	98
Zinc				50	47.47		40	60	95

Comments: _____

General Chemistry

ALS Environmental—Rochester Laboratory
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	Dry
Lab Code:	R1613026-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/Kg	0.10	0.02	1	12/21/16 11:23	12/21/16	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/12/16
Sample Matrix:	Soil	**Date Received:**	12/13/16
		Date Analyzed:	12/21/16
		Date Extracted:	12/21/16

Duplicate Matrix Spike Summary
Cyanide, Total

Sample Name:	FT-SB-108-10	**Units:**	mg/Kg
Lab Code:	R1613026-006	**Basis:**	Dry
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike			Duplicate Matrix Spike					
		R1613026-006MS			R1613026-006DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Total	0.099 U	0.988	0.985	100	1.11	1.10	101	10-159	12	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project:	Fortino Tire/251592	**Date Collected:**	12/13/16
Sample Matrix:	Soil	**Date Received:**	12/14/16
		Date Analyzed:	12/21/16
		Date Extracted:	12/21/16

Duplicate Matrix Spike Summary
Cyanide, Total

Sample Name:	FT-SB-110-11	**Units:**	mg/Kg
Lab Code:	R1613026-019	**Basis:**	Dry
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike			Duplicate Matrix Spike					
		R1613026-019MS			R1613026-019DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Total	0.05 J	1.07	1.16	88	1.04	1.09	90	10-159	3	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project	Fortino Tire/251592	**Date Collected:**	12/12/16
Sample Matrix:	Soil	**Date Received:**	12/13/16
		Date Analyzed:	12/14/16

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	FT-SB-108-10	**Units:**	Percent
Lab Code:	R1613026-006	**Basis:**	As Received

Analyte Name	Analysis Method	MRL	Sample Result	Duplicate Sample R1613026-006DUP Result	Average	RPD	RPD Limit
Total Solids	ALS SOP	-	90.5	92.2	91.4	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613026
Project	Fortino Tire/251592	**Date Collected:**	12/13/16
Sample Matrix:	Soil	**Date Received:**	12/14/16
		Date Analyzed:	12/27/16

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	FT-SB-110-11	**Units:**	Percent
Lab Code:	R1613026-019	**Basis:**	As Received

Analyte Name	Analysis Method	MRL	Sample Result	Duplicate Sample R1613026-019DUP Result	Average	RPD	RPD Limit
Total Solids	ALS SOP	-	83.1	83.2	83.1	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/21/16

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R1613026-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Total	9012B	1.01	1.00	101	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613026
Date Analyzed: 12/21/16

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R1613026-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Total	9012B	4.06	4.00	102	85-115

February 16, 2017 Service Request No:R1613206

Mr. Marc Flanagan
TRC Environmental Corporation
10 Maxwell Drive
Suite 200
Clifton Park, NY 12065

Laboratory Results for: Fortino Tire

Dear Mr.Flanagan,

Enclosed are the results of the sample(s) submitted to our laboratory December 15, 2016
For your reference, these analyses have been assigned our service request number **R1613206.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental



Janice Jaeger
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

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1565 Jefferson Rd, Building 300, Rochester, NY 14623 | 585-288-5380 | www.alsglobal.com

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request:R1613206
Date Received:12/15/16

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier IV, validation deliverables including all summary forms and associated raw data. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Any parameters that are not included in the lab's NELAC accreditation are identified on a "Non-Certified Analytes" report in the Miscellaneous Forms Section of this report. Individual analytical results requiring further explanation are flagged with qualifiers and/or discussed below. The flags are explained in the Report Qualifiers and Definitions page in the Miscellaneous Forms section of this report.

Sample Receipt

9 / Soil samples were received for analysis at ALS Environmental on 12/15/2016. Any discrepancies noted upon initial sample inspection are noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at ≤6°C upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Volatile Organic Analyses:

Method 8260c, 12/19/16: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260c, 12/19/16, R1613206-001,003,005,006: The recovery of one or more internal standards was outside control limits because of suspected matrix interference. The sample was re-extracted and reanalyzed, but produced similar results. No further corrective action was appropriate.

Method 8260c, 12/20/16, R1613206-005: The recovery of one or more internal standards was outside control limits because of suspected matrix interference. The sample was re-extracted and reanalyzed, but produced similar results. No further corrective action was appropriate.

Method 8260c, R1613206-005: The control limits were exceeded for one or more surrogates due to matrix interferences. A re-extraction and reanalysis was performed, but produced similar results. No further corrective action was required.

Method 8260c, 12/22/16: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260c, 12/22/16: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Semi-Volatile Organic Analyses:

Method 8270D, 12/29/16: The upper control limit was exceeded for 4-Nitrophenol in the Continuing Calibration Verification (CCV).

Approved by _____ Date 2/16/2017

The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8270D, 12/22/16, 01/04/17: The lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The Laboratory Control Sample (LCS) was within limits for all analytes. Several analytes exceeded limits for relative percent difference (RPD). The analytes affected are flagged in the LCS Summary.

Method 8270D, 12/22/16, 12/29/16: The matrix spike recovery of one or more of the spiked analytes was outside of control limits because of sample heterogeneity. The sample contained a background concentration of the analyte such that sample heterogeneity significantly affected the spike recovery calculation. No further corrective action was required.

Method 8270D, 01/04/17: The lower control limit for the spike recovery of the Matrix Spike/Matrix Spike Duplicate (MS/MSD) was exceeded for one or more analytes. The Rrelative Percent Difference (RPD) is also outside limits for one or more analytes. The analytes affected are flagged in the MS Summary.

Method 8270D, R1613206-001: The control limits were exceeded for one or more surrogates due to matrix interferences. A re-extraction and reanalysis was performed, but produced similar results. The re-extraction was performed out of holding time. No further corrective action was required.

Method 8270D, R1613206-005, -007, -008, & -009: The control limits for one or more surrogates in the sample are not applicable. The analysis of the sample required a dilution, which resulted in a surrogate concentration below the Method Reporting Limit (MRL). No further corrective action was appropriate.

Method 8081b, 12/27/16: The control limit was exceeded for endrin aldehyde in the Laboratory Control Sample (LCS). The discrepancy indicates a potential bias for results reported from this analytical batch. Reanalysis was not performed because insufficient sample remained for additional testing. The analytes affected are flagged in the LCS Summary Report.

Method 8081b, 12/27/16: The matrix spike recovery of one or more of the spiked analytes was outside of control limits because of sample heterogeneity. The sample contained a background concentration of the analyte such that sample heterogeneity significantly affected the spike recovery calculation. No further corrective action was required.

Method 8082, R1613206-001,005,007,008,009#: The control limits for one or more surrogates in the sample are not applicable. The analysis of the sample required a dilution, which resulted in a surrogate concentration below the Method Reporting Limit (MRL). No further corrective action was appropriate.

Method 8082, 12/27/16: The matrix spike recovery of one or more of the spiked analytes was outside of control limits because of sample heterogeneity. The sample contained a background concentration of the analyte such that sample heterogeneity significantly affected the spike recovery calculation. No further corrective action was required.

Metals Analyses:

Method 6010C TL, ICSAB: The upper control limit was exceeded for one or more analytes in the Interference Calibration Standard AB (ICSAB). The field samples analyzed in this sequence did not contain the analyte(s) in question. Since the exceedance equates to a potential high bias, the data quality is not affected. No further corrective action was required

Method 6010C Fe, 1/5/17: The Method Blank contained a low level of one or more analytes at concentrations above the Method Reporting Limit (MRL), but less than ten times the concentration in the associated samples. Contamination is deemed insignificant relative to the reported samples and the data is reported with no further corrective action required.

Method 6010C, R1613206-001: The Relative Percent Difference (RPD) for the serial dilution test of one or more analytes was

Approved by  Date 2/16/2017

above the method control limits which indicates the presence of physical or chemical interference for analysis of these analytes in this sample matrix. Exceedances have been flagged.

Method 6010C Tl: The Method Reporting Limit (MRL) was elevated due to matrix of sample.

General Chemistry Analyses:

Approved by _____ Date 2/16/2017

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:**R1613206
Project: Fortino Tire/251592

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1613206-001	104-18	12/15/2016	1135
R1613206-002	103-19	12/15/2016	1015
R1613206-003	105-3	12/14/2016	1340
R1613206-004	105-8	12/14/2016	1435
R1613206-005	103-2	12/15/2016	0945
R1613206-006	103-17	12/15/2016	0955
R1613206-007	102-2	12/14/2016	1430
R1613206-008	105-1	12/14/2016	1330
R1613206-009	104-8	12/15/2016	1105

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

42275

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 2

Project Name: Fortino Tire	Project Number: 251592
Project Manager: Marc Flanagan	Report CC:
Company/Address: 10 Maxwell drive, Clifton Park NY	
Phone #: 518 935 9690	Email: npeterson@trcsolutions.com
Sampler's Signature:	Sampler's Printed Name: Nathaniel Peterson

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

Preservative Key: 0. NONE; 1. HCL; 2. HNO_3; 3. H_2SO_4; 4. NaOH; 5. Zn. Acetate; 6. MeOH; 7. $NaHSO_4$; 8. Other _____

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
104-18-		12/15	1135		6	X	X	X	X	X	X		
104-18-MS		12/15	1135		6	X	X	X		X	Y		
104-18-MSD		12/15	1135		6	X	X	X		X	X		
103-14		12/15	1015		6	X	X	X		X	Y		
105-3		12/14	1340		6	X	X	X	X	X	Y		
~~104-18~~ 105-9		12/14	1435		6	X	X	Y		X	Y		
103-2		12/15	945		6	X	X	X		Y	X		
103-17		12/15	955		6	X	X	X	X	X	Y		
102-2		12/14	1430		6	X	X	X	X	Y	X		
105-1		12/14	1330		6	V	X	Y		X	Y		
104-8		12/15	1105		2	X	X	X	[redacted]	X	Y		

SPECIAL INSTRUCTIONS/COMMENTS

Metals (Cat B) Hg, Cyanide

no 8260 analysis needed for 104-8 as per Nathanial Peterson email 12/16/14

some of the SB-104-18 and the MS/MSDs for 104-18 may have 11:20 as "Time" on jar. This should be (11:35)

See QAPP ☐

TURNAROUND REQUIREMENTS

_____ RUSH (SURCHARGES APPLY)

_____ 1 day _____ 2 day _____ 3 day

_____ 4 day _____ 5 day

REQUESTED REPORT DATE _____

REPORT REQUIREMENTS

____ I. Results Only

____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

Edata ____Yes ____No

INVOICE INFORMATION

PO #

BILL TO:

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	Signature
Printed Name: Nathaniel Peterson	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm: TRC	Firm	Firm	Firm	Firm	Firm
Date/Time: 11/15/16 16:00	Date/Time: 12/16/14 1600	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Lab Copy; Yellow - Return to Originator

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

42276

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 2 OF 2

Project Name: Fortino Tire	Project Number: 258592
Project Manager: Mare Flanagan	Report CC:
Company/Address: 10 Maxwell Drive	
Phone #: 518 925 9690	Email: npeterson@trcsolutions.com
Sampler's Signature:	Sampler's Printed Name: Nathaniel Peterson

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)									REMARKS/ ALTERNATE DESCRIPTION
105-8		11/14	1345	S	6	X	X	X		X	X										

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals: Hg, Cyanide

Cat B

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day

REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data

Edata ____Yes ____No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature	Signature	Signature	Signature	Signature
Printed Name: Nathaniel Peterson	Printed Name	Printed Name	Printed Name	Printed Name	Printed Name
Firm: TRC	Firm	Firm	Firm	Firm	Firm
Date/Time: 12/15/16 16:00	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Lab Copy; Yellow - Return to Originator

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Cooler Receipt and Preservation Check Form

Project/Client TRC Folder Number .

Cooler received on 12/15/16 by: dlw COURIER: ~~ALS~~ UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y ~~N~~	5a	Perchlorate samples have required headspace?	Y N ~~NA~~
2	Custody papers properly completed (ink, signed)?	Y N	5b	Did VOA vials, Alk,or Sulfide have sig* bubbles?	Y N ~~NA~~
3	Did all bottles arrive in good condition (unbroken)?	Y N	6	Where did the bottles originate?	~~ALS/ROC~~ CLIENT
4	Circle: ~~Wet Ice~~ Dry Ice Gel packs present?	Y N	7	Soil VOA received as:	Bulk Encore ~~5035set~~ NA

8. Temperature Readings Date: 12/15/16 Time: 1915 ID: IR#7 ~~IR#8~~ From: Temp Blank ~~Sample Bottle~~

Observed Temp (°C)	0.7°						
Correction Factor (°C)	+0.0						
Corrected Temp (°C)	0.7°						
Within 0-6°C?	Y N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: Ice melted Poorly Packed Same Day Rule

&Client Approval to Run Samples: Standing Approval Client aware at drop-off Client notified by:

All samples held in storage location: R-002 by dlw on 12/15/16 at 1915
5035 samples placed in storage location: R-F09 by ↓ on ↓ at ↓

Cooler Breakdown: Date: 12/16/16 Time: 1356 by:

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? ~~YES~~ NO
3. Were correct containers used for the tests indicated? YES NO
4. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO ~~N/A~~
5. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3								
≤2	H_2SO_4								
<4	$NaHSO_4$								
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
	$Na_2S_2O_3$	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Yes=All samples OK

No=Samples were preserved at The lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 101316-1BN4, 092616-1BN5, 5035 kit,
Other Comments:

Did not receive 5035 kit for 104-8!

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

PC Secondary Review: 12/16/16 *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an ñimmediateò hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Delaware Accredited	Nebraska Accredited	
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047	North Carolina #676	Virginia #460167

[1] Analyses were performed according to our laboratoryôs NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: TRC Environmental Corporation **Service Request:** R1613206
Project: Fortino Tire/251592

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
ALS SOP	Soil	Total Solids

ALS Group USA, Corp.
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Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613206
Project: Fortino Tire/251592

Sample Name: 104-18 **Date Collected:** 12/15/16
Lab Code: R1613206-001 **Date Received:** 12/15/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MROGERSON	AMOSES
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: 103-19 **Date Collected:** 12/15/16
Lab Code: R1613206-002 **Date Received:** 12/15/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: 105-3 **Date Collected:** 12/14/16
Lab Code: R1613206-003 **Date Received:** 12/15/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MROGERSON	AMOSES
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592		

Sample Name:	105-3	**Date Collected:**	12/14/16
Lab Code:	R1613206-003	**Date Received:**	12/15/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name:	105-8	**Date Collected:**	12/14/16
Lab Code:	R1613206-004	**Date Received:**	12/15/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name:	103-2	**Date Collected:**	12/15/16
Lab Code:	R1613206-005	**Date Received:**	12/15/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613206
Project: Fortino Tire/251592

Sample Name: 103-17 **Date Collected:** 12/15/16
Lab Code: R1613206-006 **Date Received:** 12/15/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MROGERSON	AMOSES
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: 102-2 **Date Collected:** 12/14/16
Lab Code: R1613206-007 **Date Received:** 12/15/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	MROGERSON	AMOSES
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: 105-1 **Date Collected:** 12/14/16
Lab Code: R1613206-008 **Date Received:** 12/15/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592		

Sample Name:	105-1	**Date Collected:**	12/14/16
Lab Code:	R1613206-008	**Date Received:**	12/15/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name:	104-8	**Date Collected:**	12/15/16
Lab Code:	R1613206-009	**Date Received:**	12/15/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	NMANSEN	NMANSEN
8082A	MROGERSON	MPEDRO
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.3 U	5.3	0.79	.84	12/20/16 19:37	
1,1,2,2-Tetrachloroethane	5.3 U	5.3	0.87	.84	12/20/16 19:37	
1,1,2-Trichloroethane	5.3 U	5.3	0.79	.84	12/20/16 19:37	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.3 U	5.3	1.4	.84	12/20/16 19:37	
1,1-Dichloroethane (1,1-DCA)	5.3 U	5.3	1.4	.84	12/20/16 19:37	
1,1-Dichloroethene (1,1-DCE)	5.3 U	5.3	1.4	.84	12/20/16 19:37	
1,2,3-Trichlorobenzene	5.3 U	5.3	0.67	.84	12/20/16 19:37	
1,2,4-Trichlorobenzene	5.3 U	5.3	0.64	.84	12/20/16 19:37	
1,2-Dibromo-3-chloropropane (DBCP)	5.3 U	5.3	2.0	.84	12/20/16 19:37	
1,2-Dibromoethane	5.3 U	5.3	1.3	.84	12/20/16 19:37	
1,2-Dichlorobenzene	5.3 U	5.3	0.66	.84	12/20/16 19:37	
1,2-Dichloroethane	5.3 U	5.3	0.66	.84	12/20/16 19:37	
1,2-Dichloropropane	5.3 U	5.3	1.1	.84	12/20/16 19:37	
1,3-Dichlorobenzene	5.3 U	5.3	0.68	.84	12/20/16 19:37	
1,4-Dichlorobenzene	5.3 U	5.3	0.60	.84	12/20/16 19:37	
1,4-Dioxane	110 U	110	21	.84	12/20/16 19:37	
2-Butanone (MEK)	**6.9**	5.3	2.5	.84	12/20/16 19:37	
2-Hexanone	5.3 U	5.3	1.3	.84	12/20/16 19:37	
4-Methyl-2-pentanone	5.3 U	5.3	1.1	.84	12/20/16 19:37	
Acetone	**140**	5.3	3.1	.84	12/20/16 19:37	
Benzene	**0.60 J**	5.3	0.31	.84	12/20/16 19:37	
Bromochloromethane	5.3 U	5.3	1.5	.84	12/20/16 19:37	
Bromodichloromethane	5.3 U	5.3	0.66	.84	12/20/16 19:37	
Bromoform	5.3 U	5.3	1.0	.84	12/20/16 19:37	
Bromomethane	5.3 U	5.3	1.5	.84	12/20/16 19:37	
Carbon Disulfide	5.3 U	5.3	1.4	.84	12/20/16 19:37	
Carbon Tetrachloride	5.3 U	5.3	0.99	.84	12/20/16 19:37	
Chlorobenzene	5.3 U	5.3	0.31	.84	12/20/16 19:37	
Chloroethane	5.3 U	5.3	3.1	.84	12/20/16 19:37	
Chloroform	5.3 U	5.3	1.4	.84	12/20/16 19:37	
Chloromethane	5.3 U	5.3	0.43	.84	12/20/16 19:37	
Cyclohexane	5.3 U	5.3	1.5	.84	12/20/16 19:37	
Dibromochloromethane	5.3 U	5.3	0.79	.84	12/20/16 19:37	
Dichlorodifluoromethane (CFC 12)	5.3 U	5.3	2.1	.84	12/20/16 19:37	
Dichloromethane	5.3 U	5.3	0.61	.84	12/20/16 19:37	
Ethylbenzene	**0.89 J**	5.3	0.25	.84	12/20/16 19:37	
Isopropylbenzene (Cumene)	5.3 U	5.3	0.72	.84	12/20/16 19:37	
Methyl Acetate	**3.5 J**	5.3	1.9	.84	12/20/16 19:37	
Methyl tert-Butyl Ether	5.3 U	5.3	1.1	.84	12/20/16 19:37	
Methylcyclohexane	5.3 U	5.3	1.3	.84	12/20/16 19:37	
Styrene	5.3 U	5.3	0.33	.84	12/20/16 19:37	
Tetrachloroethene (PCE)	5.3 U	5.3	0.95	.84	12/20/16 19:37	
Toluene	5.3 U	5.3	1.1	.84	12/20/16 19:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.3	U	5.3	1.1	.84	12/20/16 19:37	
Trichlorofluoromethane (CFC 11)	5.3	U	5.3	0.71	.84	12/20/16 19:37	
Vinyl Chloride	5.3	U	5.3	2.0	.84	12/20/16 19:37	
cis-1,2-Dichloroethene	5.3	U	5.3	1.1	.84	12/20/16 19:37	
cis-1,3-Dichloropropene	5.3	U	5.3	0.97	.84	12/20/16 19:37	
m,p-Xylenes	11	U	11	1.2	.84	12/20/16 19:37	
o-Xylene	**0.83**	**J**	5.3	0.52	.84	12/20/16 19:37	
trans-1,2-Dichloroethene	5.3	U	5.3	0.92	.84	12/20/16 19:37	
trans-1,3-Dichloropropene	5.3	U	5.3	0.22	.84	12/20/16 19:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	51 - 136	12/20/16 19:37	
Dibromofluoromethane	103	63 - 138	12/20/16 19:37	
Toluene-d8	109	66 - 138	12/20/16 19:37	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 10:15
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-19	**Units:**	ug/Kg
Lab Code:	R1613206-002	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.2 U	5.2	0.76	.87	12/19/16 16:02	
1,1,2,2-Tetrachloroethane	5.2 U	5.2	0.84	.87	12/19/16 16:02	
1,1,2-Trichloroethane	5.2 U	5.2	0.76	.87	12/19/16 16:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.2 U	5.2	1.3	.87	12/19/16 16:02	
1,1-Dichloroethane (1,1-DCA)	5.2 U	5.2	1.3	.87	12/19/16 16:02	
1,1-Dichloroethene (1,1-DCE)	5.2 U	5.2	1.4	.87	12/19/16 16:02	
1,2,3-Trichlorobenzene	5.2 U	5.2	0.65	.87	12/19/16 16:02	
1,2,4-Trichlorobenzene	**0.94 J**	5.2	0.61	.87	12/19/16 16:02	
1,2-Dibromo-3-chloropropane (DBCP)	5.2 U	5.2	2.0	.87	12/19/16 16:02	
1,2-Dibromoethane	5.2 U	5.2	1.3	.87	12/19/16 16:02	
1,2-Dichlorobenzene	**1.4 J**	5.2	0.64	.87	12/19/16 16:02	
1,2-Dichloroethane	5.2 U	5.2	0.64	.87	12/19/16 16:02	
1,2-Dichloropropane	5.2 U	5.2	1.1	.87	12/19/16 16:02	
1,3-Dichlorobenzene	**0.77 J**	5.2	0.66	.87	12/19/16 16:02	
1,4-Dichlorobenzene	**1.2 J**	5.2	0.58	.87	12/19/16 16:02	
1,4-Dioxane	100 U	100	20	.87	12/19/16 16:02	
2-Butanone (MEK)	**11**	5.2	2.4	.87	12/19/16 16:02	
2-Hexanone	5.2 U	5.2	1.3	.87	12/19/16 16:02	
4-Methyl-2-pentanone	**2.4 J**	5.2	1.1	.87	12/19/16 16:02	
Acetone	**26**	5.2	3.0	.87	12/19/16 16:02	
Benzene	**6.3**	5.2	0.30	.87	12/19/16 16:02	
Bromochloromethane	5.2 U	5.2	1.5	.87	12/19/16 16:02	
Bromodichloromethane	5.2 U	5.2	0.64	.87	12/19/16 16:02	
Bromoform	5.2 U	5.2	0.97	.87	12/19/16 16:02	
Bromomethane	5.2 U	5.2	1.5	.87	12/19/16 16:02	
Carbon Disulfide	5.2 U	5.2	1.3	.87	12/19/16 16:02	
Carbon Tetrachloride	5.2 U	5.2	0.96	.87	12/19/16 16:02	
Chlorobenzene	**2.0 J**	5.2	0.30	.87	12/19/16 16:02	
Chloroethane	5.2 U	5.2	3.0	.87	12/19/16 16:02	
Chloroform	5.2 U	5.2	1.4	.87	12/19/16 16:02	
Chloromethane	5.2 U	5.2	0.42	.87	12/19/16 16:02	
Cyclohexane	5.2 U	5.2	1.5	.87	12/19/16 16:02	
Dibromochloromethane	5.2 U	5.2	0.76	.87	12/19/16 16:02	
Dichlorodifluoromethane (CFC 12)	5.2 U	5.2	2.0	.87	12/19/16 16:02	
Dichloromethane	5.2 U	5.2	0.59	.87	12/19/16 16:02	
Ethylbenzene	**18**	5.2	0.24	.87	12/19/16 16:02	
Isopropylbenzene (Cumene)	**4.2 J**	5.2	0.70	.87	12/19/16 16:02	
Methyl Acetate	5.2 U	5.2	1.9	.87	12/19/16 16:02	
Methyl tert-Butyl Ether	5.2 U	5.2	0.98	.87	12/19/16 16:02	
Methylcyclohexane	5.2 U	5.2	1.3	.87	12/19/16 16:02	
Styrene	**3.1 J**	5.2	0.31	.87	12/19/16 16:02	
Tetrachloroethene (PCE)	5.2 U	5.2	0.91	.87	12/19/16 16:02	
Toluene	**30**	5.2	1.1	.87	12/19/16 16:02	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 10:15
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-19	**Units:**	ug/Kg
Lab Code:	R1613206-002	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.2 U	5.2	1.1	.87	12/19/16 16:02	
Trichlorofluoromethane (CFC 11)	**4.2 J**	5.2	0.69	.87	12/19/16 16:02	
Vinyl Chloride	5.2 U	5.2	2.0	.87	12/19/16 16:02	
cis-1,2-Dichloroethene	5.2 U	5.2	0.99	.87	12/19/16 16:02	
cis-1,3-Dichloropropene	5.2 U	5.2	0.93	.87	12/19/16 16:02	
m,p-Xylenes	**6.3 J**	10	1.2	.87	12/19/16 16:02	
o-Xylene	**4.1 J**	5.2	0.50	.87	12/19/16 16:02	
trans-1,2-Dichloroethene	5.2 U	5.2	0.89	.87	12/19/16 16:02	
trans-1,3-Dichloropropene	5.2 U	5.2	0.21	.87	12/19/16 16:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	51 - 136	12/19/16 16:02	
Dibromofluoromethane	100	63 - 138	12/19/16 16:02	
Toluene-d8	105	66 - 138	12/19/16 16:02	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	17	JN
	unknown	1.16	5.7	J
	unknown	12.10	5.4	J
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.41	7.3	JN
000108-67-8	Benzene, 1,3,5-trimethyl-	12.51	5.4	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	12.90	12	JN
000526-73-8	Benzene, 1,2,3-trimethyl-	13.32	6.4	JN
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	14.04	7.0	JN
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	14.44	5.2	JN
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	14.49	9.0	JN
027133-93-3	2,3-Dihydro-1-methylindene	14.74	6.3	JN
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	14.90	14	JN
000091-20-3	Naphthalene	15.51	6.1	JN
	unknown	16.13	7.2	J
000091-57-6	Naphthalene, 2-methyl-	16.65	11	JN
000090-12-0	Naphthalene, 1-methyl-	16.82	7.7	JN
000589-81-1	Heptane, 3-methyl-	8.43	27	JN
000565-80-0	3-Pentanone, 2,4-dimethyl-	9.74	19	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:40
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-3	**Units:**	ug/Kg
Lab Code:	R1613206-003	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.1	U	4.1	0.60	.72	12/20/16 20:01	
1,1,2,2-Tetrachloroethane	4.1	U	4.1	0.67	.72	12/20/16 20:01	
1,1,2-Trichloroethane	4.1	U	4.1	0.60	.72	12/20/16 20:01	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.1	U	4.1	1.1	.72	12/20/16 20:01	
1,1-Dichloroethane (1,1-DCA)	4.1	U	4.1	1.1	.72	12/20/16 20:01	
1,1-Dichloroethene (1,1-DCE)	4.1	U	4.1	1.1	.72	12/20/16 20:01	
1,2,3-Trichlorobenzene	4.1	U	4.1	0.51	.72	12/20/16 20:01	
1,2,4-Trichlorobenzene	4.1	U	4.1	0.49	.72	12/20/16 20:01	
1,2-Dibromo-3-chloropropane (DBCP)	4.1	U	4.1	1.6	.72	12/20/16 20:01	
1,2-Dibromoethane	4.1	U	4.1	0.99	.72	12/20/16 20:01	
1,2-Dichlorobenzene	4.1	U	4.1	0.50	.72	12/20/16 20:01	
1,2-Dichloroethane	4.1	U	4.1	0.50	.72	12/20/16 20:01	
1,2-Dichloropropane	4.1	U	4.1	0.80	.72	12/20/16 20:01	
1,3-Dichlorobenzene	4.1	U	4.1	0.52	.72	12/20/16 20:01	
1,4-Dichlorobenzene	4.1	U	4.1	0.46	.72	12/20/16 20:01	
1,4-Dioxane	82	U	82	16	.72	12/20/16 20:01	
2-Butanone (MEK)	**3.7**	**J**	4.1	1.9	.72	12/20/16 20:01	
2-Hexanone	4.1	U	4.1	0.99	.72	12/20/16 20:01	
4-Methyl-2-pentanone	4.1	U	4.1	0.81	.72	12/20/16 20:01	
Acetone	**110**		4.1	2.3	.72	12/20/16 20:01	
Benzene	4.1	U	4.1	0.24	.72	12/20/16 20:01	
Bromochloromethane	4.1	U	4.1	1.2	.72	12/20/16 20:01	
Bromodichloromethane	4.1	U	4.1	0.50	.72	12/20/16 20:01	
Bromoform	4.1	U	4.1	0.76	.72	12/20/16 20:01	
Bromomethane	4.1	U	4.1	1.2	.72	12/20/16 20:01	
Carbon Disulfide	4.1	U	4.1	1.1	.72	12/20/16 20:01	
Carbon Tetrachloride	4.1	U	4.1	0.76	.72	12/20/16 20:01	
Chlorobenzene	4.1	U	4.1	0.24	.72	12/20/16 20:01	
Chloroethane	4.1	U	4.1	2.4	.72	12/20/16 20:01	
Chloroform	4.1	U	4.1	1.1	.72	12/20/16 20:01	
Chloromethane	4.1	U	4.1	0.33	.72	12/20/16 20:01	
Cyclohexane	4.1	U	4.1	1.2	.72	12/20/16 20:01	
Dibromochloromethane	4.1	U	4.1	0.60	.72	12/20/16 20:01	
Dichlorodifluoromethane (CFC 12)	4.1	U	4.1	1.6	.72	12/20/16 20:01	
Dichloromethane	4.1	U	4.1	0.47	.72	12/20/16 20:01	
Ethylbenzene	4.1	U	4.1	0.19	.72	12/20/16 20:01	
Isopropylbenzene (Cumene)	4.1	U	4.1	0.55	.72	12/20/16 20:01	
Methyl Acetate	4.1	U	4.1	1.5	.72	12/20/16 20:01	
Methyl tert-Butyl Ether	4.1	U	4.1	0.77	.72	12/20/16 20:01	
Methylcyclohexane	4.1	U	4.1	0.98	.72	12/20/16 20:01	
Styrene	4.1	U	4.1	0.25	.72	12/20/16 20:01	
Tetrachloroethene (PCE)	4.1	U	4.1	0.72	.72	12/20/16 20:01	
Toluene	4.1	U	4.1	0.82	.72	12/20/16 20:01	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:40
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-3	**Units:**	ug/Kg
Lab Code:	R1613206-003	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.1 U	4.1	0.83	.72	12/20/16 20:01	
Trichlorofluoromethane (CFC 11)	4.1 U	4.1	0.54	.72	12/20/16 20:01	
Vinyl Chloride	4.1 U	4.1	1.6	.72	12/20/16 20:01	
cis-1,2-Dichloroethene	4.1 U	4.1	0.78	.72	12/20/16 20:01	
cis-1,3-Dichloropropene	4.1 U	4.1	0.74	.72	12/20/16 20:01	
m,p-Xylenes	8.2 U	8.2	0.89	.72	12/20/16 20:01	
o-Xylene	4.1 U	4.1	0.40	.72	12/20/16 20:01	
trans-1,2-Dichloroethene	4.1 U	4.1	0.71	.72	12/20/16 20:01	
trans-1,3-Dichloropropene	4.1 U	4.1	0.17	.72	12/20/16 20:01	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	51 - 136	12/20/16 20:01	
Dibromofluoromethane	101	63 - 138	12/20/16 20:01	
Toluene-d8	107	66 - 138	12/20/16 20:01	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.45	6.0	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-8	**Units:**	ug/Kg
Lab Code:	R1613206-004	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	3.8 U	3.8	0.56	.67	12/19/16 16:50	
1,1,2,2-Tetrachloroethane	3.8 U	3.8	0.62	.67	12/19/16 16:50	
1,1,2-Trichloroethane	3.8 U	3.8	0.56	.67	12/19/16 16:50	
1,1,2-Trichloro-1,2,2-trifluoroethane	3.8 U	3.8	0.95	.67	12/19/16 16:50	
1,1-Dichloroethane (1,1-DCA)	3.8 U	3.8	0.96	.67	12/19/16 16:50	
1,1-Dichloroethene (1,1-DCE)	3.8 U	3.8	0.98	.67	12/19/16 16:50	
1,2,3-Trichlorobenzene	3.8 U	3.8	0.48	.67	12/19/16 16:50	
1,2,4-Trichlorobenzene	3.8 U	3.8	0.45	.67	12/19/16 16:50	
1,2-Dibromo-3-chloropropane (DBCP)	3.8 U	3.8	1.5	.67	12/19/16 16:50	
1,2-Dibromoethane	3.8 U	3.8	0.93	.67	12/19/16 16:50	
1,2-Dichlorobenzene	3.8 U	3.8	0.47	.67	12/19/16 16:50	
1,2-Dichloroethane	3.8 U	3.8	0.47	.67	12/19/16 16:50	
1,2-Dichloropropane	3.8 U	3.8	0.74	.67	12/19/16 16:50	
1,3-Dichlorobenzene	3.8 U	3.8	0.48	.67	12/19/16 16:50	
1,4-Dichlorobenzene	3.8 U	3.8	0.43	.67	12/19/16 16:50	
1,4-Dioxane	76 U	76	15	.67	12/19/16 16:50	
2-Butanone (MEK)	**3.8 J**	3.8	1.8	.67	12/19/16 16:50	
2-Hexanone	3.8 U	3.8	0.93	.67	12/19/16 16:50	
4-Methyl-2-pentanone	3.8 U	3.8	0.75	.67	12/19/16 16:50	
Acetone	**67**	3.8	2.2	.67	12/19/16 16:50	
Benzene	3.8 U	3.8	0.23	.67	12/19/16 16:50	
Bromochloromethane	3.8 U	3.8	1.1	.67	12/19/16 16:50	
Bromodichloromethane	3.8 U	3.8	0.47	.67	12/19/16 16:50	
Bromoform	3.8 U	3.8	0.71	.67	12/19/16 16:50	
Bromomethane	3.8 U	3.8	1.1	.67	12/19/16 16:50	
Carbon Disulfide	3.8 U	3.8	0.95	.67	12/19/16 16:50	
Carbon Tetrachloride	3.8 U	3.8	0.70	.67	12/19/16 16:50	
Chlorobenzene	3.8 U	3.8	0.23	.67	12/19/16 16:50	
Chloroethane	3.8 U	3.8	2.2	.67	12/19/16 16:50	
Chloroform	3.8 U	3.8	0.96	.67	12/19/16 16:50	
Chloromethane	3.8 U	3.8	0.31	.67	12/19/16 16:50	
Cyclohexane	3.8 U	3.8	1.1	.67	12/19/16 16:50	
Dibromochloromethane	3.8 U	3.8	0.56	.67	12/19/16 16:50	
Dichlorodifluoromethane (CFC 12)	3.8 U	3.8	1.5	.67	12/19/16 16:50	
Dichloromethane	3.8 U	3.8	0.44	.67	12/19/16 16:50	
Ethylbenzene	3.8 U	3.8	0.18	.67	12/19/16 16:50	
Isopropylbenzene (Cumene)	3.8 U	3.8	0.51	.67	12/19/16 16:50	
Methyl Acetate	**5.5**	3.8	1.4	.67	12/19/16 16:50	
Methyl tert-Butyl Ether	**1.1 J**	3.8	0.72	.67	12/19/16 16:50	
Methylcyclohexane	3.8 U	3.8	0.92	.67	12/19/16 16:50	
Styrene	3.8 U	3.8	0.23	.67	12/19/16 16:50	
Tetrachloroethene (PCE)	3.8 U	3.8	0.67	.67	12/19/16 16:50	
Toluene	3.8 U	3.8	0.77	.67	12/19/16 16:50	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-8	**Units:**	ug/Kg
Lab Code:	R1613206-004	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	3.8 U	3.8	0.77	.67	12/19/16 16:50	
Trichlorofluoromethane (CFC 11)	3.8 U	3.8	0.51	.67	12/19/16 16:50	
Vinyl Chloride	3.8 U	3.8	1.4	.67	12/19/16 16:50	
cis-1,2-Dichloroethene	3.8 U	3.8	0.73	.67	12/19/16 16:50	
cis-1,3-Dichloropropene	3.8 U	3.8	0.69	.67	12/19/16 16:50	
m,p-Xylenes	7.6 U	7.6	0.83	.67	12/19/16 16:50	
o-Xylene	3.8 U	3.8	0.37	.67	12/19/16 16:50	
trans-1,2-Dichloroethene	3.8 U	3.8	0.66	.67	12/19/16 16:50	
trans-1,3-Dichloropropene	3.8 U	3.8	0.16	.67	12/19/16 16:50	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	51 - 136	12/19/16 16:50	
Dibromofluoromethane	97	63 - 138	12/19/16 16:50	
Toluene-d8	105	66 - 138	12/19/16 16:50	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.45	8.8	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:45
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-2	**Units:**	ug/Kg
Lab Code:	R1613206-005	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1200	U	1200	180	183.5	12/22/16 18:07	
1,1,2,2-Tetrachloroethane	1200	U	1200	200	183.5	12/22/16 18:07	
1,1,2-Trichloroethane	1200	U	1200	180	183.5	12/22/16 18:07	
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	U	1200	300	183.5	12/22/16 18:07	
1,1-Dichloroethane (1,1-DCA)	1200	U	1200	300	183.5	12/22/16 18:07	
1,1-Dichloroethene (1,1-DCE)	1200	U	1200	310	183.5	12/22/16 18:07	
1,2,3-Trichlorobenzene	1200	U	1200	150	183.5	12/22/16 18:07	
1,2,4-Trichlorobenzene	**250**	**J**	1200	150	183.5	12/22/16 18:07	
1,2-Dibromo-3-chloropropane (DBCP)	1200	U	1200	450	183.5	12/22/16 18:07	
1,2-Dibromoethane	1200	U	1200	290	183.5	12/22/16 18:07	
1,2-Dichlorobenzene	1200	U	1200	150	183.5	12/22/16 18:07	
1,2-Dichloroethane	1200	U	1200	150	183.5	12/22/16 18:07	
1,2-Dichloropropane	1200	U	1200	240	183.5	12/22/16 18:07	
1,3-Dichlorobenzene	1200	U	1200	160	183.5	12/22/16 18:07	
1,4-Dichlorobenzene	1200	U	1200	140	183.5	12/22/16 18:07	
1,4-Dioxane	24000	U	24000	4600	183.5	12/22/16 18:07	
2-Butanone (MEK)	1200	U	1200	550	183.5	12/22/16 18:07	
2-Hexanone	1200	U	1200	290	183.5	12/22/16 18:07	
4-Methyl-2-pentanone	**850**	**J**	1200	240	183.5	12/22/16 18:07	
Acetone	1200	U	1200	680	183.5	12/22/16 18:07	
Benzene	1200	U	1200	70	183.5	12/22/16 18:07	
Bromochloromethane	1200	U	1200	330	183.5	12/22/16 18:07	
Bromodichloromethane	1200	U	1200	150	183.5	12/22/16 18:07	
Bromoform	1200	U	1200	230	183.5	12/22/16 18:07	
Bromomethane	1200	U	1200	340	183.5	12/22/16 18:07	
Carbon Disulfide	1200	U	1200	300	183.5	12/22/16 18:07	
Carbon Tetrachloride	1200	U	1200	230	183.5	12/22/16 18:07	
Chlorobenzene	1200	U	1200	70	183.5	12/22/16 18:07	
Chloroethane	1200	U	1200	690	183.5	12/22/16 18:07	
Chloroform	1200	U	1200	310	183.5	12/22/16 18:07	
Chloromethane	**120**	**BJ**	1200	96	183.5	12/22/16 18:07	
Cyclohexane	1200	U	1200	340	183.5	12/22/16 18:07	
Dibromochloromethane	1200	U	1200	180	183.5	12/22/16 18:07	
Dichlorodifluoromethane (CFC 12)	1200	U	1200	460	183.5	12/22/16 18:07	
Dichloromethane	1200	U	1200	140	183.5	12/22/16 18:07	
Ethylbenzene	**1300**		1200	56	183.5	12/22/16 18:07	
Isopropylbenzene (Cumene)	**380**	**J**	1200	170	183.5	12/22/16 18:07	
Methyl Acetate	**430**	**J**	1200	420	183.5	12/22/16 18:07	
Methyl tert-Butyl Ether	1200	U	1200	230	183.5	12/22/16 18:07	
Methylcyclohexane	1200	U	1200	290	183.5	12/22/16 18:07	
Styrene	**1100**	**J**	1200	72	183.5	12/22/16 18:07	
Tetrachloroethene (PCE)	1200	U	1200	220	183.5	12/22/16 18:07	
Toluene	**750**	**J**	1200	240	183.5	12/22/16 18:07	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:45
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-2	**Units:**	ug/Kg
Lab Code:	R1613206-005	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1200 U	1200	250	183.5	12/22/16 18:07	
Trichlorofluoromethane (CFC 11)	1200 U	1200	160	183.5	12/22/16 18:07	
Vinyl Chloride	1200 U	1200	450	183.5	12/22/16 18:07	
cis-1,2-Dichloroethene	1200 U	1200	230	183.5	12/22/16 18:07	
cis-1,3-Dichloropropene	1200 U	1200	220	183.5	12/22/16 18:07	
m,p-Xylenes	**1200 J**	2400	270	183.5	12/22/16 18:07	
o-Xylene	**1100 J**	1200	120	183.5	12/22/16 18:07	
trans-1,2-Dichloroethene	1200 U	1200	210	183.5	12/22/16 18:07	
trans-1,3-Dichloropropene	1200 U	1200	48	183.5	12/22/16 18:07	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	110	51 - 136	12/22/16 18:07	
Dibromofluoromethane	78	63 - 138	12/22/16 18:07	
Toluene-d8	104	66 - 138	12/22/16 18:07	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000620-14-4	Benzene, 1-ethyl-3-methyl-	11.33	1700	JN
000108-67-8	Benzene, 1,3,5-trimethyl-	11.41	2000	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	11.57	1300	JN
000095-36-3	1,2,4-Trimethylbenzene	11.71	3000	JN
	unknown	12.22	1500	J
	unknown	12.24	1500	J
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	12.51	1700	JN
000099-87-6	Benzene, 1-methyl-4-(1-methylethyl	12.54	1500	JN
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	12.60	2700	JN
	unknown	12.69	1600	J
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	12.91	2700	JN
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	12.95	3300	JN
027133-93-3	2,3-Dihydro-1-methylindene	13.16	2200	JN
	unknown	13.29	4000	J
	unknown	13.67	1600	J
	unknown	13.93	2500	J
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	14.08	1500	JN
	unknown	14.22	2300	J
000091-57-6	Naphthalene, 2-methyl-	14.65	2800	JN
000090-12-0	Naphthalene, 1-methyl-	14.79	1300	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-17	**Units:**	ug/Kg
Lab Code:	R1613206-006	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.9 U	4.9	0.72	.79	12/20/16 20:25	
1,1,2,2-Tetrachloroethane	4.9 U	4.9	0.79	.79	12/20/16 20:25	
1,1,2-Trichloroethane	4.9 U	4.9	0.72	.79	12/20/16 20:25	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.9 U	4.9	1.3	.79	12/20/16 20:25	
1,1-Dichloroethane (1,1-DCA)	4.9 U	4.9	1.3	.79	12/20/16 20:25	
1,1-Dichloroethene (1,1-DCE)	4.9 U	4.9	1.3	.79	12/20/16 20:25	
1,2,3-Trichlorobenzene	4.9 U	4.9	0.61	.79	12/20/16 20:25	
1,2,4-Trichlorobenzene	4.9 U	4.9	0.58	.79	12/20/16 20:25	
1,2-Dibromo-3-chloropropane (DBCP)	4.9 U	4.9	1.9	.79	12/20/16 20:25	
1,2-Dibromoethane	4.9 U	4.9	1.2	.79	12/20/16 20:25	
1,2-Dichlorobenzene	4.9 U	4.9	0.60	.79	12/20/16 20:25	
1,2-Dichloroethane	4.9 U	4.9	0.60	.79	12/20/16 20:25	
1,2-Dichloropropane	4.9 U	4.9	0.95	.79	12/20/16 20:25	
1,3-Dichlorobenzene	4.9 U	4.9	0.62	.79	12/20/16 20:25	
1,4-Dichlorobenzene	4.9 U	4.9	0.55	.79	12/20/16 20:25	
1,4-Dioxane	98 U	98	19	.79	12/20/16 20:25	
2-Butanone (MEK)	**10**	4.9	2.3	.79	12/20/16 20:25	
2-Hexanone	4.9 U	4.9	1.2	.79	12/20/16 20:25	
4-Methyl-2-pentanone	4.9 U	4.9	0.96	.79	12/20/16 20:25	
Acetone	**73**	4.9	2.8	.79	12/20/16 20:25	
Benzene	**0.97 J**	4.9	0.29	.79	12/20/16 20:25	
Bromochloromethane	4.9 U	4.9	1.4	.79	12/20/16 20:25	
Bromodichloromethane	4.9 U	4.9	0.60	.79	12/20/16 20:25	
Bromoform	4.9 U	4.9	0.91	.79	12/20/16 20:25	
Bromomethane	4.9 U	4.9	1.4	.79	12/20/16 20:25	
Carbon Disulfide	4.9 U	4.9	1.3	.79	12/20/16 20:25	
Carbon Tetrachloride	4.9 U	4.9	0.90	.79	12/20/16 20:25	
Chlorobenzene	4.9 U	4.9	0.29	.79	12/20/16 20:25	
Chloroethane	4.9 U	4.9	2.8	.79	12/20/16 20:25	
Chloroform	4.9 U	4.9	1.3	.79	12/20/16 20:25	
Chloromethane	4.9 U	4.9	0.40	.79	12/20/16 20:25	
Cyclohexane	4.9 U	4.9	1.4	.79	12/20/16 20:25	
Dibromochloromethane	4.9 U	4.9	0.72	.79	12/20/16 20:25	
Dichlorodifluoromethane (CFC 12)	4.9 U	4.9	1.9	.79	12/20/16 20:25	
Dichloromethane	4.9 U	4.9	0.56	.79	12/20/16 20:25	
Ethylbenzene	**1.4 J**	4.9	0.23	.79	12/20/16 20:25	
Isopropylbenzene (Cumene)	4.9 U	4.9	0.66	.79	12/20/16 20:25	
Methyl Acetate	**1.9 J**	4.9	1.8	.79	12/20/16 20:25	
Methyl tert-Butyl Ether	4.9 U	4.9	0.92	.79	12/20/16 20:25	
Methylcyclohexane	4.9 U	4.9	1.2	.79	12/20/16 20:25	
Styrene	4.9 U	4.9	0.30	.79	12/20/16 20:25	
Tetrachloroethene (PCE)	4.9 U	4.9	0.86	.79	12/20/16 20:25	
Toluene	**2.7 J**	4.9	0.98	.79	12/20/16 20:25	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-17	**Units:**	ug/Kg
Lab Code:	R1613206-006	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.9 U	4.9	0.99	.79	12/20/16 20:25	
Trichlorofluoromethane (CFC 11)	4.9 U	4.9	0.65	.79	12/20/16 20:25	
Vinyl Chloride	4.9 U	4.9	1.8	.79	12/20/16 20:25	
cis-1,2-Dichloroethene	4.9 U	4.9	0.93	.79	12/20/16 20:25	
cis-1,3-Dichloropropene	4.9 U	4.9	0.88	.79	12/20/16 20:25	
m,p-Xylenes	9.8 U	9.8	1.1	.79	12/20/16 20:25	
o-Xylene	**0.55 J**	4.9	0.47	.79	12/20/16 20:25	
trans-1,2-Dichloroethene	4.9 U	4.9	0.84	.79	12/20/16 20:25	
trans-1,3-Dichloropropene	4.9 U	4.9	0.20	.79	12/20/16 20:25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	51 - 136	12/20/16 20:25	
Dibromofluoromethane	102	63 - 138	12/20/16 20:25	
Toluene-d8	108	66 - 138	12/20/16 20:25	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	5.1	JN
	unknown	1.16	5.5	J
000565-80-0	3-Pentanone, 2,4-dimethyl-	9.74	8.0	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	102-2	**Units:**	ug/Kg
Lab Code:	R1613206-007	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	6.3 U	6.3	0.93	.97	12/19/16 18:02	
1,1,2,2-Tetrachloroethane	6.3 U	6.3	1.1	.97	12/19/16 18:02	
1,1,2-Trichloroethane	6.3 U	6.3	0.93	.97	12/19/16 18:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	6.3 U	6.3	1.6	.97	12/19/16 18:02	
1,1-Dichloroethane (1,1-DCA)	6.3 U	6.3	1.6	.97	12/19/16 18:02	
1,1-Dichloroethene (1,1-DCE)	6.3 U	6.3	1.7	.97	12/19/16 18:02	
1,2,3-Trichlorobenzene	6.3 U	6.3	0.79	.97	12/19/16 18:02	
1,2,4-Trichlorobenzene	6.3 U	6.3	0.75	.97	12/19/16 18:02	
1,2-Dibromo-3-chloropropane (DBCP)	6.3 U	6.3	2.4	.97	12/19/16 18:02	
1,2-Dibromoethane	6.3 U	6.3	1.6	.97	12/19/16 18:02	
1,2-Dichlorobenzene	6.3 U	6.3	0.77	.97	12/19/16 18:02	
1,2-Dichloroethane	6.3 U	6.3	0.77	.97	12/19/16 18:02	
1,2-Dichloropropane	6.3 U	6.3	1.3	.97	12/19/16 18:02	
1,3-Dichlorobenzene	6.3 U	6.3	0.80	.97	12/19/16 18:02	
1,4-Dichlorobenzene	6.3 U	6.3	0.71	.97	12/19/16 18:02	
1,4-Dioxane	130 U	130	25	.97	12/19/16 18:02	
2-Butanone (MEK)	**22**	6.3	2.9	.97	12/19/16 18:02	
2-Hexanone	6.3 U	6.3	1.6	.97	12/19/16 18:02	
4-Methyl-2-pentanone	6.3 U	6.3	1.3	.97	12/19/16 18:02	
Acetone	**110**	6.3	3.6	.97	12/19/16 18:02	
Benzene	**3.6 J**	6.3	0.37	.97	12/19/16 18:02	
Bromochloromethane	6.3 U	6.3	1.8	.97	12/19/16 18:02	
Bromodichloromethane	6.3 U	6.3	0.77	.97	12/19/16 18:02	
Bromoform	6.3 U	6.3	1.2	.97	12/19/16 18:02	
Bromomethane	6.3 U	6.3	1.8	.97	12/19/16 18:02	
Carbon Disulfide	6.3 U	6.3	1.6	.97	12/19/16 18:02	
Carbon Tetrachloride	6.3 U	6.3	1.2	.97	12/19/16 18:02	
Chlorobenzene	6.3 U	6.3	0.37	.97	12/19/16 18:02	
Chloroethane	6.3 U	6.3	3.7	.97	12/19/16 18:02	
Chloroform	6.3 U	6.3	1.6	.97	12/19/16 18:02	
Chloromethane	6.3 U	6.3	0.51	.97	12/19/16 18:02	
Cyclohexane	6.3 U	6.3	1.8	.97	12/19/16 18:02	
Dibromochloromethane	6.3 U	6.3	0.93	.97	12/19/16 18:02	
Dichlorodifluoromethane (CFC 12)	6.3 U	6.3	2.4	.97	12/19/16 18:02	
Dichloromethane	6.3 U	6.3	0.72	.97	12/19/16 18:02	
Ethylbenzene	**18**	6.3	0.30	.97	12/19/16 18:02	
Isopropylbenzene (Cumene)	**2.9 J**	6.3	0.85	.97	12/19/16 18:02	
Methyl Acetate	**15**	6.3	2.3	.97	12/19/16 18:02	
Methyl tert-Butyl Ether	**2.4 J**	6.3	1.2	.97	12/19/16 18:02	
Methylcyclohexane	6.3 U	6.3	1.6	.97	12/19/16 18:02	
Styrene	**1.3 J**	6.3	0.38	.97	12/19/16 18:02	
Tetrachloroethene (PCE)	6.3 U	6.3	1.2	.97	12/19/16 18:02	
Toluene	**19**	6.3	1.3	.97	12/19/16 18:02	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	102-2	**Units:**	ug/Kg
Lab Code:	R1613206-007	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	6.3 U	6.3	1.3	.97	12/19/16 18:02	
Trichlorofluoromethane (CFC 11)	6.3 U	6.3	0.84	.97	12/19/16 18:02	
Vinyl Chloride	6.3 U	6.3	2.4	.97	12/19/16 18:02	
cis-1,2-Dichloroethene	6.3 U	6.3	1.2	.97	12/19/16 18:02	
cis-1,3-Dichloropropene	6.3 U	6.3	1.2	.97	12/19/16 18:02	
m,p-Xylenes	**11 J**	13	1.4	.97	12/19/16 18:02	
o-Xylene	**4.6 J**	6.3	0.61	.97	12/19/16 18:02	
trans-1,2-Dichloroethene	6.3 U	6.3	1.1	.97	12/19/16 18:02	
trans-1,3-Dichloropropene	6.3 U	6.3	0.26	.97	12/19/16 18:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	84	51 - 136	12/19/16 18:02	
Dibromofluoromethane	97	63 - 138	12/19/16 18:02	
Toluene-d8	101	66 - 138	12/19/16 18:02	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	17	JN
000109-66-0	Pentane	1.56	14	JN
000079-92-5	Camphene	12.10	18	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.41	14	JN
018172-67-3	Bicyclo[3.1.1]heptane, 6,6-dimethy	12.53	45	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	12.90	12	JN
013466-78-9	3-Carene	12.93	19	JN
	unknown	12.98	32	J
000099-86-5	1,3-Cyclohexadiene, 1-methyl-4-(1-	13.05	13	JN
001124-27-2	Cyclohexane, 1-methyl-4-(1-methyle	13.16	15	JN
	unknown	13.96	7.5	J
	unknown	2.26	6.3	J
000763-29-1	1-Pentene, 2-methyl-	2.65	12	JN
	unknown	3.45	20	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-1	**Units:**	ug/Kg
Lab Code:	R1613206-008	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	6.0 U	6.0	0.88	.93	12/19/16 18:26	
1,1,2,2-Tetrachloroethane	6.0 U	6.0	0.97	.93	12/19/16 18:26	
1,1,2-Trichloroethane	6.0 U	6.0	0.88	.93	12/19/16 18:26	
1,1,2-Trichloro-1,2,2-trifluoroethane	6.0 U	6.0	1.5	.93	12/19/16 18:26	
1,1-Dichloroethane (1,1-DCA)	6.0 U	6.0	1.5	.93	12/19/16 18:26	
1,1-Dichloroethene (1,1-DCE)	6.0 U	6.0	1.6	.93	12/19/16 18:26	
1,2,3-Trichlorobenzene	6.0 U	6.0	0.75	.93	12/19/16 18:26	
1,2,4-Trichlorobenzene	6.0 U	6.0	0.71	.93	12/19/16 18:26	
1,2-Dibromo-3-chloropropane (DBCP)	6.0 U	6.0	2.3	.93	12/19/16 18:26	
1,2-Dibromoethane	6.0 U	6.0	1.5	.93	12/19/16 18:26	
1,2-Dichlorobenzene	6.0 U	6.0	0.74	.93	12/19/16 18:26	
1,2-Dichloroethane	6.0 U	6.0	0.74	.93	12/19/16 18:26	
1,2-Dichloropropane	6.0 U	6.0	1.2	.93	12/19/16 18:26	
1,3-Dichlorobenzene	6.0 U	6.0	0.76	.93	12/19/16 18:26	
1,4-Dichlorobenzene	6.0 U	6.0	0.68	.93	12/19/16 18:26	
1,4-Dioxane	120 U	120	23	.93	12/19/16 18:26	
2-Butanone (MEK)	6.0 U	6.0	2.8	.93	12/19/16 18:26	
2-Hexanone	6.0 U	6.0	1.5	.93	12/19/16 18:26	
4-Methyl-2-pentanone	6.0 U	6.0	1.2	.93	12/19/16 18:26	
Acetone	**64**	6.0	3.4	.93	12/19/16 18:26	
Benzene	6.0 U	6.0	0.35	.93	12/19/16 18:26	
Bromochloromethane	6.0 U	6.0	1.7	.93	12/19/16 18:26	
Bromodichloromethane	6.0 U	6.0	0.74	.93	12/19/16 18:26	
Bromoform	6.0 U	6.0	1.2	.93	12/19/16 18:26	
Bromomethane	6.0 U	6.0	1.7	.93	12/19/16 18:26	
Carbon Disulfide	6.0 U	6.0	1.5	.93	12/19/16 18:26	
Carbon Tetrachloride	6.0 U	6.0	1.2	.93	12/19/16 18:26	
Chlorobenzene	6.0 U	6.0	0.35	.93	12/19/16 18:26	
Chloroethane	6.0 U	6.0	3.5	.93	12/19/16 18:26	
Chloroform	6.0 U	6.0	1.6	.93	12/19/16 18:26	
Chloromethane	6.0 U	6.0	0.48	.93	12/19/16 18:26	
Cyclohexane	6.0 U	6.0	1.7	.93	12/19/16 18:26	
Dibromochloromethane	6.0 U	6.0	0.88	.93	12/19/16 18:26	
Dichlorodifluoromethane (CFC 12)	6.0 U	6.0	2.3	.93	12/19/16 18:26	
Dichloromethane	6.0 U	6.0	0.69	.93	12/19/16 18:26	
Ethylbenzene	6.0 U	6.0	0.28	.93	12/19/16 18:26	
Isopropylbenzene (Cumene)	6.0 U	6.0	0.81	.93	12/19/16 18:26	
Methyl Acetate	**60**	6.0	2.1	.93	12/19/16 18:26	
Methyl tert-Butyl Ether	6.0 U	6.0	1.2	.93	12/19/16 18:26	
Methylcyclohexane	6.0 U	6.0	1.5	.93	12/19/16 18:26	
Styrene	6.0 U	6.0	0.36	.93	12/19/16 18:26	
Tetrachloroethene (PCE)	**1.4 J**	6.0	1.1	.93	12/19/16 18:26	
Toluene	6.0 U	6.0	1.2	.93	12/19/16 18:26	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-1	**Units:**	ug/Kg
Lab Code:	R1613206-008	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	6.0 U	6.0	1.3	.93	12/19/16 18:26	
Trichlorofluoromethane (CFC 11)	6.0 U	6.0	0.79	.93	12/19/16 18:26	
Vinyl Chloride	6.0 U	6.0	2.3	.93	12/19/16 18:26	
cis-1,2-Dichloroethene	6.0 U	6.0	1.2	.93	12/19/16 18:26	
cis-1,3-Dichloropropene	6.0 U	6.0	1.1	.93	12/19/16 18:26	
m,p-Xylenes	12 U	12	1.4	.93	12/19/16 18:26	
o-Xylene	6.0 U	6.0	0.58	.93	12/19/16 18:26	
trans-1,2-Dichloroethene	6.0 U	6.0	1.1	.93	12/19/16 18:26	
trans-1,3-Dichloropropene	6.0 U	6.0	0.24	.93	12/19/16 18:26	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	80	51 - 136	12/19/16 18:26	
Dibromofluoromethane	98	63 - 138	12/19/16 18:26	
Toluene-d8	102	66 - 138	12/19/16 18:26	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.10	29	J
	unknown	12.29	7.3	J
	unknown	12.95	19	J
	unknown	13.16	9.8	J

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	420 U	420	110	1	12/22/16 09:43	12/19/16	
2,3,4,6-Tetrachlorophenol	420 U	420	110	1	12/22/16 09:43	12/19/16	
2,4,5-Trichlorophenol	420 U	420	76	1	12/22/16 09:43	12/19/16	
2,4,6-Trichlorophenol	420 U	420	50	1	12/22/16 09:43	12/19/16	
2,4-Dichlorophenol	420 U	420	74	1	12/22/16 09:43	12/19/16	
2,4-Dimethylphenol	420 U	420	78	1	12/22/16 09:43	12/19/16	
2,4-Dinitrophenol	2200 U	2200	320	1	12/22/16 09:43	12/19/16	
2,4-Dinitrotoluene	420 U	420	80	1	12/22/16 09:43	12/19/16	
2,6-Dinitrotoluene	420 U	420	110	1	12/22/16 09:43	12/19/16	
2-Chloronaphthalene	420 U	420	66	1	12/22/16 09:43	12/19/16	
2-Chlorophenol	420 U	420	55	1	12/22/16 09:43	12/19/16	
2-Methylnaphthalene	420 U	420	69	1	12/22/16 09:43	12/19/16	
2-Methylphenol	420 U	420	88	1	12/22/16 09:43	12/19/16	
2-Nitroaniline	2200 U	2200	280	1	12/22/16 09:43	12/19/16	
2-Nitrophenol	420 U	420	59	1	12/22/16 09:43	12/19/16	
3,3'-Dichlorobenzidine	420 U	420	82	1	12/22/16 09:43	12/19/16	
3- and 4-Methylphenol Coelution	420 U	420	160	1	12/22/16 09:43	12/19/16	
3-Nitroaniline	2200 U	2200	420	1	12/22/16 09:43	12/19/16	
4,6-Dinitro-2-methylphenol	2200 U	2200	440	1	12/22/16 09:43	12/19/16	
4-Bromophenyl Phenyl Ether	420 U	420	80	1	12/22/16 09:43	12/19/16	
4-Chloro-3-methylphenol	420 U	420	67	1	12/22/16 09:43	12/19/16	
4-Chloroaniline	420 U	420	82	1	12/22/16 09:43	12/19/16	
4-Chlorophenyl Phenyl Ether	420 U	420	74	1	12/22/16 09:43	12/19/16	
4-Nitroaniline	2200 U	2200	320	1	12/22/16 09:43	12/19/16	
4-Nitrophenol	2200 U	2200	270	1	12/22/16 09:43	12/19/16	
Acenaphthene	420 U	420	71	1	12/22/16 09:43	12/19/16	
Acenaphthylene	420 U	420	70	1	12/22/16 09:43	12/19/16	
Acetophenone	420 U	420	120	1	12/22/16 09:43	12/19/16	
Anthracene	420 U	420	78	1	12/22/16 09:43	12/19/16	
Atrazine	420 U	420	240	1	12/22/16 09:43	12/19/16	
Benz(a)anthracene	420 U	420	62	1	12/22/16 09:43	12/19/16	
Benzaldehyde	2200 U	2200	170	1	12/22/16 09:43	12/19/16	
Benzo(a)pyrene	420 U	420	73	1	12/22/16 09:43	12/19/16	
Benzo(b)fluoranthene	420 U	420	63	1	12/22/16 09:43	12/19/16	
Benzo(g,h,i)perylene	420 U	420	68	1	12/22/16 09:43	12/19/16	
Benzo(k)fluoranthene	420 U	420	70	1	12/22/16 09:43	12/19/16	
Biphenyl	420 U	420	86	1	12/22/16 09:43	12/19/16	
2,2'-Oxybis(1-chloropropane)	420 U	420	74	1	12/22/16 09:43	12/19/16	
Bis(2-chloroethoxy)methane	420 U	420	49	1	12/22/16 09:43	12/19/16	
Bis(2-chloroethyl) Ether	420 U	420	77	1	12/22/16 09:43	12/19/16	
Bis(2-ethylhexyl) Phthalate	**620**	420	62	1	12/22/16 09:43	12/19/16	
Butyl Benzyl Phthalate	420 U	420	83	1	12/22/16 09:43	12/19/16	
Caprolactam	420 U	420	110	1	12/22/16 09:43	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	420 U	420	72	1	12/22/16 09:43	12/19/16	
Chrysene	420 U	420	65	1	12/22/16 09:43	12/19/16	
Di-n-butyl Phthalate	420 U	420	110	1	12/22/16 09:43	12/19/16	
Di-n-octyl Phthalate	**180 J**	420	80	1	12/22/16 09:43	12/19/16	
Dibenz(a,h)anthracene	420 U	420	63	1	12/22/16 09:43	12/19/16	
Dibenzofuran	420 U	420	73	1	12/22/16 09:43	12/19/16	
Diethyl Phthalate	420 U	420	82	1	12/22/16 09:43	12/19/16	
Dimethyl Phthalate	420 U	420	77	1	12/22/16 09:43	12/19/16	
Fluoranthene	420 U	420	87	1	12/22/16 09:43	12/19/16	
Fluorene	420 U	420	68	1	12/22/16 09:43	12/19/16	
Hexachlorobenzene	420 U	420	77	1	12/22/16 09:43	12/19/16	
Hexachlorobutadiene	420 U	420	46	1	12/22/16 09:43	12/19/16	
Hexachlorocyclopentadiene	420 U	420	93	1	12/22/16 09:43	12/19/16	
Hexachloroethane	420 U	420	55	1	12/22/16 09:43	12/19/16	
Indeno(1,2,3-cd)pyrene	420 U	420	70	1	12/22/16 09:43	12/19/16	
Isophorone	420 U	420	66	1	12/22/16 09:43	12/19/16	
N-Nitrosodi-n-propylamine	420 U	420	95	1	12/22/16 09:43	12/19/16	
N-Nitrosodiphenylamine	420 U	420	73	1	12/22/16 09:43	12/19/16	
Naphthalene	420 U	420	60	1	12/22/16 09:43	12/19/16	
Nitrobenzene	420 U	420	63	1	12/22/16 09:43	12/19/16	
Pentachlorophenol (PCP)	2200 U	2200	350	1	12/22/16 09:43	12/19/16	
Phenanthrene	420 U	420	87	1	12/22/16 09:43	12/19/16	
Phenol	420 U	420	150	1	12/22/16 09:43	12/19/16	
Pyrene	420 U	420	89	1	12/22/16 09:43	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	20	13 - 128	12/22/16 09:43	
2-Fluorobiphenyl	15	10 - 102	12/22/16 09:43	
2-Fluorophenol	14 *	16 - 129	12/22/16 09:43	*
Nitrobenzene-d5	14	10 - 95	12/22/16 09:43	
Phenol-d6	16	10 - 145	12/22/16 09:43	
Terphenyl-d14	30	16 - 126	12/22/16 09:43	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.11	870	J
	unknown	3.32	26000	J
	unknown	3.87	250	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	420 U	420	110	1	01/04/17 10:02	1/3/17	*
2,3,4,6-Tetrachlorophenol	420 U	420	110	1	01/04/17 10:02	1/3/17	*
2,4,5-Trichlorophenol	420 U	420	76	1	01/04/17 10:02	1/3/17	*
2,4,6-Trichlorophenol	420 U	420	50	1	01/04/17 10:02	1/3/17	*
2,4-Dichlorophenol	420 U	420	74	1	01/04/17 10:02	1/3/17	*
2,4-Dimethylphenol	420 U	420	78	1	01/04/17 10:02	1/3/17	*
2,4-Dinitrophenol	2200 U	2200	320	1	01/04/17 10:02	1/3/17	*
2,4-Dinitrotoluene	420 U	420	80	1	01/04/17 10:02	1/3/17	*
2,6-Dinitrotoluene	420 U	420	110	1	01/04/17 10:02	1/3/17	*
2-Chloronaphthalene	420 U	420	66	1	01/04/17 10:02	1/3/17	*
2-Chlorophenol	420 U	420	55	1	01/04/17 10:02	1/3/17	*
2-Methylnaphthalene	420 U	420	69	1	01/04/17 10:02	1/3/17	*
2-Methylphenol	420 U	420	88	1	01/04/17 10:02	1/3/17	*
2-Nitroaniline	2200 U	2200	280	1	01/04/17 10:02	1/3/17	*
2-Nitrophenol	420 U	420	59	1	01/04/17 10:02	1/3/17	*
3,3'-Dichlorobenzidine	420 U	420	82	1	01/04/17 10:02	1/3/17	*
3- and 4-Methylphenol Coelution	420 U	420	160	1	01/04/17 10:02	1/3/17	*
3-Nitroaniline	2200 U	2200	420	1	01/04/17 10:02	1/3/17	*
4,6-Dinitro-2-methylphenol	2200 U	2200	440	1	01/04/17 10:02	1/3/17	*
4-Bromophenyl Phenyl Ether	420 U	420	80	1	01/04/17 10:02	1/3/17	*
4-Chloro-3-methylphenol	420 U	420	67	1	01/04/17 10:02	1/3/17	*
4-Chloroaniline	420 U	420	82	1	01/04/17 10:02	1/3/17	*
4-Chlorophenyl Phenyl Ether	420 U	420	74	1	01/04/17 10:02	1/3/17	*
4-Nitroaniline	2200 U	2200	320	1	01/04/17 10:02	1/3/17	*
4-Nitrophenol	2200 U	2200	270	1	01/04/17 10:02	1/3/17	*
Acenaphthene	420 U	420	71	1	01/04/17 10:02	1/3/17	*
Acenaphthylene	420 U	420	70	1	01/04/17 10:02	1/3/17	*
Acetophenone	420 U	420	120	1	01/04/17 10:02	1/3/17	*
Anthracene	420 U	420	78	1	01/04/17 10:02	1/3/17	*
Atrazine	420 U	420	240	1	01/04/17 10:02	1/3/17	*
Benz(a)anthracene	420 U	420	63	1	01/04/17 10:02	1/3/17	*
Benzaldehyde	2200 U	2200	170	1	01/04/17 10:02	1/3/17	*
Benzo(a)pyrene	420 U	420	73	1	01/04/17 10:02	1/3/17	*
Benzo(b)fluoranthene	420 U	420	63	1	01/04/17 10:02	1/3/17	*
Benzo(g,h,i)perylene	420 U	420	68	1	01/04/17 10:02	1/3/17	*
Benzo(k)fluoranthene	420 U	420	70	1	01/04/17 10:02	1/3/17	*
Biphenyl	420 U	420	86	1	01/04/17 10:02	1/3/17	*
2,2'-Oxybis(1-chloropropane)	420 U	420	74	1	01/04/17 10:02	1/3/17	*
Bis(2-chloroethoxy)methane	420 U	420	49	1	01/04/17 10:02	1/3/17	*
Bis(2-chloroethyl) Ether	420 U	420	78	1	01/04/17 10:02	1/3/17	*
Bis(2-ethylhexyl) Phthalate	**100 J**	420	62	1	01/04/17 10:02	1/3/17	*
Butyl Benzyl Phthalate	420 U	420	83	1	01/04/17 10:02	1/3/17	*
Caprolactam	420 U	420	110	1	01/04/17 10:02	1/3/17	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	420 U	420	72	1	01/04/17 10:02	1/3/17	*
Chrysene	420 U	420	65	1	01/04/17 10:02	1/3/17	*
Di-n-butyl Phthalate	420 U	420	110	1	01/04/17 10:02	1/3/17	*
Di-n-octyl Phthalate	420 U	420	80	1	01/04/17 10:02	1/3/17	*
Dibenz(a,h)anthracene	420 U	420	63	1	01/04/17 10:02	1/3/17	*
Dibenzofuran	420 U	420	73	1	01/04/17 10:02	1/3/17	*
Diethyl Phthalate	420 U	420	82	1	01/04/17 10:02	1/3/17	*
Dimethyl Phthalate	420 U	420	77	1	01/04/17 10:02	1/3/17	*
Fluoranthene	420 U	420	87	1	01/04/17 10:02	1/3/17	*
Fluorene	420 U	420	68	1	01/04/17 10:02	1/3/17	*
Hexachlorobenzene	420 U	420	78	1	01/04/17 10:02	1/3/17	*
Hexachlorobutadiene	420 U	420	46	1	01/04/17 10:02	1/3/17	*
Hexachlorocyclopentadiene	420 U	420	93	1	01/04/17 10:02	1/3/17	*
Hexachloroethane	420 U	420	55	1	01/04/17 10:02	1/3/17	*
Indeno(1,2,3-cd)pyrene	420 U	420	70	1	01/04/17 10:02	1/3/17	*
Isophorone	420 U	420	66	1	01/04/17 10:02	1/3/17	*
N-Nitrosodi-n-propylamine	420 U	420	96	1	01/04/17 10:02	1/3/17	*
N-Nitrosodiphenylamine	420 U	420	73	1	01/04/17 10:02	1/3/17	*
Naphthalene	420 U	420	60	1	01/04/17 10:02	1/3/17	*
Nitrobenzene	420 U	420	64	1	01/04/17 10:02	1/3/17	*
Pentachlorophenol (PCP)	2200 U	2200	350	1	01/04/17 10:02	1/3/17	*
Phenanthrene	420 U	420	87	1	01/04/17 10:02	1/3/17	*
Phenol	420 U	420	150	1	01/04/17 10:02	1/3/17	*
Pyrene	420 U	420	90	1	01/04/17 10:02	1/3/17	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	5 *	13 - 128	01/04/17 10:02	*
2-Fluorobiphenyl	5 *	10 - 102	01/04/17 10:02	*
2-Fluorophenol	5 *	16 - 129	01/04/17 10:02	*
Nitrobenzene-d5	5 *	10 - 95	01/04/17 10:02	*
Phenol-d6	4 *	10 - 145	01/04/17 10:02	*
Terphenyl-d14	7 *	16 - 126	01/04/17 10:02	*

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 10:15
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-19	**Units:**	ug/Kg
Lab Code:	R1613206-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	1200 U	1200	290	3	12/29/16 09:48	12/19/16	
2,3,4,6-Tetrachlorophenol	1200 U	1200	310	3	12/29/16 09:48	12/19/16	
2,4,5-Trichlorophenol	1200 U	1200	220	3	12/29/16 09:48	12/19/16	
2,4,6-Trichlorophenol	1200 U	1200	140	3	12/29/16 09:48	12/19/16	
2,4-Dichlorophenol	1200 U	1200	210	3	12/29/16 09:48	12/19/16	
2,4-Dimethylphenol	1200 U	1200	220	3	12/29/16 09:48	12/19/16	
2,4-Dinitrophenol	6100 U	6100	900	3	12/29/16 09:48	12/19/16	
2,4-Dinitrotoluene	1200 U	1200	230	3	12/29/16 09:48	12/19/16	
2,6-Dinitrotoluene	1200 U	1200	300	3	12/29/16 09:48	12/19/16	
2-Chloronaphthalene	1200 U	1200	190	3	12/29/16 09:48	12/19/16	
2-Chlorophenol	1200 U	1200	160	3	12/29/16 09:48	12/19/16	
2-Methylnaphthalene	1200 U	1200	200	3	12/29/16 09:48	12/19/16	
2-Methylphenol	1200 U	1200	250	3	12/29/16 09:48	12/19/16	
2-Nitroaniline	6100 U	6100	770	3	12/29/16 09:48	12/19/16	
2-Nitrophenol	1200 U	1200	170	3	12/29/16 09:48	12/19/16	
3,3'-Dichlorobenzidine	1200 U	1200	230	3	12/29/16 09:48	12/19/16	
3- and 4-Methylphenol Coelution	1200 U	1200	440	3	12/29/16 09:48	12/19/16	
3-Nitroaniline	6100 U	6100	1200	3	12/29/16 09:48	12/19/16	
4,6-Dinitro-2-methylphenol	6100 U	6100	1300	3	12/29/16 09:48	12/19/16	
4-Bromophenyl Phenyl Ether	1200 U	1200	230	3	12/29/16 09:48	12/19/16	
4-Chloro-3-methylphenol	1200 U	1200	190	3	12/29/16 09:48	12/19/16	
4-Chloroaniline	1200 U	1200	230	3	12/29/16 09:48	12/19/16	
4-Chlorophenyl Phenyl Ether	1200 U	1200	210	3	12/29/16 09:48	12/19/16	
4-Nitroaniline	6100 U	6100	870	3	12/29/16 09:48	12/19/16	
4-Nitrophenol	6100 U	6100	740	3	12/29/16 09:48	12/19/16	
Acenaphthene	1200 U	1200	200	3	12/29/16 09:48	12/19/16	
Acenaphthylene	1200 U	1200	200	3	12/29/16 09:48	12/19/16	
Acetophenone	1200 U	1200	340	3	12/29/16 09:48	12/19/16	
Anthracene	1200 U	1200	220	3	12/29/16 09:48	12/19/16	
Atrazine	1200 U	1200	650	3	12/29/16 09:48	12/19/16	
Benz(a)anthracene	1200 U	1200	180	3	12/29/16 09:48	12/19/16	
Benzaldehyde	6100 U	6100	470	3	12/29/16 09:48	12/19/16	
Benzo(a)pyrene	1200 U	1200	210	3	12/29/16 09:48	12/19/16	
Benzo(b)fluoranthene	1200 U	1200	180	3	12/29/16 09:48	12/19/16	
Benzo(g,h,i)perylene	1200 U	1200	190	3	12/29/16 09:48	12/19/16	
Benzo(k)fluoranthene	1200 U	1200	200	3	12/29/16 09:48	12/19/16	
Biphenyl	1200 U	1200	240	3	12/29/16 09:48	12/19/16	
2,2'-Oxybis(1-chloropropane)	1200 U	1200	210	3	12/29/16 09:48	12/19/16	
Bis(2-chloroethoxy)methane	1200 U	1200	140	3	12/29/16 09:48	12/19/16	
Bis(2-chloroethyl) Ether	1200 U	1200	220	3	12/29/16 09:48	12/19/16	
Bis(2-ethylhexyl) Phthalate	**11000**	1200	180	3	12/29/16 09:48	12/19/16	
Butyl Benzyl Phthalate	**370 J**	1200	240	3	12/29/16 09:48	12/19/16	
Caprolactam	1200 U	1200	290	3	12/29/16 09:48	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 10:15
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-19	**Units:**	ug/Kg
Lab Code:	R1613206-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	1200 U	1200	210	3	12/29/16 09:48	12/19/16	
Chrysene	1200 U	1200	190	3	12/29/16 09:48	12/19/16	
Di-n-butyl Phthalate	1200 U	1200	290	3	12/29/16 09:48	12/19/16	
Di-n-octyl Phthalate	**960 J**	1200	230	3	12/29/16 09:48	12/19/16	
Dibenz(a,h)anthracene	1200 U	1200	180	3	12/29/16 09:48	12/19/16	
Dibenzofuran	1200 U	1200	210	3	12/29/16 09:48	12/19/16	
Diethyl Phthalate	1200 U	1200	230	3	12/29/16 09:48	12/19/16	
Dimethyl Phthalate	1200 U	1200	220	3	12/29/16 09:48	12/19/16	
Fluoranthene	1200 U	1200	250	3	12/29/16 09:48	12/19/16	
Fluorene	1200 U	1200	190	3	12/29/16 09:48	12/19/16	
Hexachlorobenzene	1200 U	1200	220	3	12/29/16 09:48	12/19/16	
Hexachlorobutadiene	1200 U	1200	130	3	12/29/16 09:48	12/19/16	
Hexachlorocyclopentadiene	1200 U	1200	260	3	12/29/16 09:48	12/19/16	
Hexachloroethane	1200 U	1200	160	3	12/29/16 09:48	12/19/16	
Indeno(1,2,3-cd)pyrene	1200 U	1200	200	3	12/29/16 09:48	12/19/16	
Isophorone	1200 U	1200	190	3	12/29/16 09:48	12/19/16	
N-Nitrosodi-n-propylamine	1200 U	1200	270	3	12/29/16 09:48	12/19/16	
N-Nitrosodiphenylamine	1200 U	1200	210	3	12/29/16 09:48	12/19/16	
Naphthalene	1200 U	1200	170	3	12/29/16 09:48	12/19/16	
Nitrobenzene	1200 U	1200	180	3	12/29/16 09:48	12/19/16	
Pentachlorophenol (PCP)	6100 U	6100	960	3	12/29/16 09:48	12/19/16	
Phenanthrene	1200 U	1200	250	3	12/29/16 09:48	12/19/16	
Phenol	1200 U	1200	420	3	12/29/16 09:48	12/19/16	
Pyrene	1200 U	1200	250	3	12/29/16 09:48	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	40	13 - 128	12/29/16 09:48	
2-Fluorobiphenyl	36	10 - 102	12/29/16 09:48	
2-Fluorophenol	31	16 - 129	12/29/16 09:48	
Nitrobenzene-d5	32	10 - 95	12/29/16 09:48	
Phenol-d6	33	10 - 145	12/29/16 09:48	
Terphenyl-d14	48	16 - 126	12/29/16 09:48	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.11	1800	J
	unknown	3.31	52000	J
	unknown	3.87	500	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:40
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-3	**Units:**	ug/Kg
Lab Code:	R1613206-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	370 U	370	90	1	12/22/16 10:39	12/19/16	
2,3,4,6-Tetrachlorophenol	370 U	370	97	1	12/22/16 10:39	12/19/16	
2,4,5-Trichlorophenol	370 U	370	68	1	12/22/16 10:39	12/19/16	
2,4,6-Trichlorophenol	370 U	370	44	1	12/22/16 10:39	12/19/16	
2,4-Dichlorophenol	370 U	370	66	1	12/22/16 10:39	12/19/16	
2,4-Dimethylphenol	370 U	370	69	1	12/22/16 10:39	12/19/16	
2,4-Dinitrophenol	1900 U	1900	290	1	12/22/16 10:39	12/19/16	
2,4-Dinitrotoluene	370 U	370	71	1	12/22/16 10:39	12/19/16	
2,6-Dinitrotoluene	370 U	370	94	1	12/22/16 10:39	12/19/16	
2-Chloronaphthalene	370 U	370	59	1	12/22/16 10:39	12/19/16	
2-Chlorophenol	370 U	370	49	1	12/22/16 10:39	12/19/16	
2-Methylnaphthalene	370 U	370	61	1	12/22/16 10:39	12/19/16	
2-Methylphenol	370 U	370	78	1	12/22/16 10:39	12/19/16	
2-Nitroaniline	1900 U	1900	250	1	12/22/16 10:39	12/19/16	
2-Nitrophenol	370 U	370	52	1	12/22/16 10:39	12/19/16	
3,3'-Dichlorobenzidine	370 U	370	73	1	12/22/16 10:39	12/19/16	
3- and 4-Methylphenol Coelution	370 U	370	140	1	12/22/16 10:39	12/19/16	
3-Nitroaniline	1900 U	1900	380	1	12/22/16 10:39	12/19/16	
4,6-Dinitro-2-methylphenol	1900 U	1900	390	1	12/22/16 10:39	12/19/16	
4-Bromophenyl Phenyl Ether	370 U	370	71	1	12/22/16 10:39	12/19/16	
4-Chloro-3-methylphenol	370 U	370	59	1	12/22/16 10:39	12/19/16	
4-Chloroaniline	370 U	370	73	1	12/22/16 10:39	12/19/16	
4-Chlorophenyl Phenyl Ether	370 U	370	66	1	12/22/16 10:39	12/19/16	
4-Nitroaniline	1900 U	1900	280	1	12/22/16 10:39	12/19/16	
4-Nitrophenol	1900 U	1900	240	1	12/22/16 10:39	12/19/16	
Acenaphthene	370 U	370	63	1	12/22/16 10:39	12/19/16	
Acenaphthylene	370 U	370	63	1	12/22/16 10:39	12/19/16	
Acetophenone	370 U	370	110	1	12/22/16 10:39	12/19/16	
Anthracene	370 U	370	70	1	12/22/16 10:39	12/19/16	
Atrazine	370 U	370	210	1	12/22/16 10:39	12/19/16	
Benz(a)anthracene	370 U	370	56	1	12/22/16 10:39	12/19/16	
Benzaldehyde	1900 U	1900	150	1	12/22/16 10:39	12/19/16	
Benzo(a)pyrene	370 U	370	65	1	12/22/16 10:39	12/19/16	
Benzo(b)fluoranthene	370 U	370	56	1	12/22/16 10:39	12/19/16	
Benzo(g,h,i)perylene	370 U	370	60	1	12/22/16 10:39	12/19/16	
Benzo(k)fluoranthene	370 U	370	63	1	12/22/16 10:39	12/19/16	
Biphenyl	370 U	370	76	1	12/22/16 10:39	12/19/16	
2,2'-Oxybis(1-chloropropane)	370 U	370	66	1	12/22/16 10:39	12/19/16	
Bis(2-chloroethoxy)methane	370 U	370	44	1	12/22/16 10:39	12/19/16	
Bis(2-chloroethyl) Ether	370 U	370	69	1	12/22/16 10:39	12/19/16	
Bis(2-ethylhexyl) Phthalate	**170 J**	370	55	1	12/22/16 10:39	12/19/16	
Butyl Benzyl Phthalate	370 U	370	74	1	12/22/16 10:39	12/19/16	
Caprolactam	370 U	370	91	1	12/22/16 10:39	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:40
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-3	**Units:**	ug/Kg
Lab Code:	R1613206-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	370 U	370	64	1	12/22/16 10:39	12/19/16	
Chrysene	370 U	370	58	1	12/22/16 10:39	12/19/16	
Di-n-butyl Phthalate	370 U	370	91	1	12/22/16 10:39	12/19/16	
Di-n-octyl Phthalate	370 U	370	71	1	12/22/16 10:39	12/19/16	
Dibenz(a,h)anthracene	370 U	370	56	1	12/22/16 10:39	12/19/16	
Dibenzofuran	370 U	370	65	1	12/22/16 10:39	12/19/16	
Diethyl Phthalate	370 U	370	73	1	12/22/16 10:39	12/19/16	
Dimethyl Phthalate	370 U	370	68	1	12/22/16 10:39	12/19/16	
Fluoranthene	370 U	370	78	1	12/22/16 10:39	12/19/16	
Fluorene	370 U	370	60	1	12/22/16 10:39	12/19/16	
Hexachlorobenzene	370 U	370	69	1	12/22/16 10:39	12/19/16	
Hexachlorobutadiene	370 U	370	41	1	12/22/16 10:39	12/19/16	
Hexachlorocyclopentadiene	370 U	370	83	1	12/22/16 10:39	12/19/16	
Hexachloroethane	370 U	370	49	1	12/22/16 10:39	12/19/16	
Indeno(1,2,3-cd)pyrene	370 U	370	62	1	12/22/16 10:39	12/19/16	
Isophorone	370 U	370	59	1	12/22/16 10:39	12/19/16	
N-Nitrosodi-n-propylamine	370 U	370	85	1	12/22/16 10:39	12/19/16	
N-Nitrosodiphenylamine	370 U	370	65	1	12/22/16 10:39	12/19/16	
Naphthalene	370 U	370	53	1	12/22/16 10:39	12/19/16	
Nitrobenzene	370 U	370	57	1	12/22/16 10:39	12/19/16	
Pentachlorophenol (PCP)	1900 U	1900	310	1	12/22/16 10:39	12/19/16	
Phenanthrene	370 U	370	78	1	12/22/16 10:39	12/19/16	
Phenol	370 U	370	140	1	12/22/16 10:39	12/19/16	
Pyrene	370 U	370	80	1	12/22/16 10:39	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	38	13 - 128	12/22/16 10:39	
2-Fluorobiphenyl	36	10 - 102	12/22/16 10:39	
2-Fluorophenol	36	16 - 129	12/22/16 10:39	
Nitrobenzene-d5	37	10 - 95	12/22/16 10:39	
Phenol-d6	41	10 - 145	12/22/16 10:39	
Terphenyl-d14	49	16 - 126	12/22/16 10:39	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.11	1800	J
	unknown	3.34	49000	J
	unknown	3.88	500	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-8	**Units:**	ug/Kg
Lab Code:	R1613206-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	370 U	370	90	1	12/22/16 11:07	12/19/16	
2,3,4,6-Tetrachlorophenol	370 U	370	97	1	12/22/16 11:07	12/19/16	
2,4,5-Trichlorophenol	370 U	370	68	1	12/22/16 11:07	12/19/16	
2,4,6-Trichlorophenol	370 U	370	44	1	12/22/16 11:07	12/19/16	
2,4-Dichlorophenol	370 U	370	66	1	12/22/16 11:07	12/19/16	
2,4-Dimethylphenol	370 U	370	69	1	12/22/16 11:07	12/19/16	
2,4-Dinitrophenol	1900 U	1900	290	1	12/22/16 11:07	12/19/16	
2,4-Dinitrotoluene	370 U	370	71	1	12/22/16 11:07	12/19/16	
2,6-Dinitrotoluene	370 U	370	94	1	12/22/16 11:07	12/19/16	
2-Chloronaphthalene	370 U	370	59	1	12/22/16 11:07	12/19/16	
2-Chlorophenol	370 U	370	49	1	12/22/16 11:07	12/19/16	
2-Methylnaphthalene	370 U	370	62	1	12/22/16 11:07	12/19/16	
2-Methylphenol	370 U	370	78	1	12/22/16 11:07	12/19/16	
2-Nitroaniline	1900 U	1900	250	1	12/22/16 11:07	12/19/16	
2-Nitrophenol	370 U	370	53	1	12/22/16 11:07	12/19/16	
3,3'-Dichlorobenzidine	370 U	370	73	1	12/22/16 11:07	12/19/16	
3- and 4-Methylphenol Coelution	370 U	370	140	1	12/22/16 11:07	12/19/16	
3-Nitroaniline	1900 U	1900	380	1	12/22/16 11:07	12/19/16	
4,6-Dinitro-2-methylphenol	1900 U	1900	390	1	12/22/16 11:07	12/19/16	
4-Bromophenyl Phenyl Ether	370 U	370	72	1	12/22/16 11:07	12/19/16	
4-Chloro-3-methylphenol	370 U	370	60	1	12/22/16 11:07	12/19/16	
4-Chloroaniline	370 U	370	73	1	12/22/16 11:07	12/19/16	
4-Chlorophenyl Phenyl Ether	370 U	370	66	1	12/22/16 11:07	12/19/16	
4-Nitroaniline	1900 U	1900	280	1	12/22/16 11:07	12/19/16	
4-Nitrophenol	1900 U	1900	240	1	12/22/16 11:07	12/19/16	
Acenaphthene	370 U	370	64	1	12/22/16 11:07	12/19/16	
Acenaphthylene	370 U	370	63	1	12/22/16 11:07	12/19/16	
Acetophenone	370 U	370	110	1	12/22/16 11:07	12/19/16	
Anthracene	370 U	370	70	1	12/22/16 11:07	12/19/16	
Atrazine	370 U	370	210	1	12/22/16 11:07	12/19/16	
Benz(a)anthracene	370 U	370	56	1	12/22/16 11:07	12/19/16	
Benzaldehyde	1900 U	1900	150	1	12/22/16 11:07	12/19/16	
Benzo(a)pyrene	370 U	370	65	1	12/22/16 11:07	12/19/16	
Benzo(b)fluoranthene	370 U	370	56	1	12/22/16 11:07	12/19/16	
Benzo(g,h,i)perylene	370 U	370	60	1	12/22/16 11:07	12/19/16	
Benzo(k)fluoranthene	370 U	370	63	1	12/22/16 11:07	12/19/16	
Biphenyl	370 U	370	76	1	12/22/16 11:07	12/19/16	
2,2'-Oxybis(1-chloropropane)	370 U	370	66	1	12/22/16 11:07	12/19/16	
Bis(2-chloroethoxy)methane	370 U	370	44	1	12/22/16 11:07	12/19/16	
Bis(2-chloroethyl) Ether	370 U	370	69	1	12/22/16 11:07	12/19/16	
Bis(2-ethylhexyl) Phthalate	370 U	370	55	1	12/22/16 11:07	12/19/16	
Butyl Benzyl Phthalate	370 U	370	74	1	12/22/16 11:07	12/19/16	
Caprolactam	370 U	370	91	1	12/22/16 11:07	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-8	**Units:**	ug/Kg
Lab Code:	R1613206-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	370 U	370	65	1	12/22/16 11:07	12/19/16	
Chrysene	370 U	370	58	1	12/22/16 11:07	12/19/16	
Di-n-butyl Phthalate	370 U	370	91	1	12/22/16 11:07	12/19/16	
Di-n-octyl Phthalate	370 U	370	71	1	12/22/16 11:07	12/19/16	
Dibenz(a,h)anthracene	370 U	370	57	1	12/22/16 11:07	12/19/16	
Dibenzofuran	370 U	370	65	1	12/22/16 11:07	12/19/16	
Diethyl Phthalate	370 U	370	73	1	12/22/16 11:07	12/19/16	
Dimethyl Phthalate	370 U	370	69	1	12/22/16 11:07	12/19/16	
Fluoranthene	370 U	370	78	1	12/22/16 11:07	12/19/16	
Fluorene	370 U	370	60	1	12/22/16 11:07	12/19/16	
Hexachlorobenzene	370 U	370	69	1	12/22/16 11:07	12/19/16	
Hexachlorobutadiene	370 U	370	41	1	12/22/16 11:07	12/19/16	
Hexachlorocyclopentadiene	370 U	370	83	1	12/22/16 11:07	12/19/16	
Hexachloroethane	370 U	370	49	1	12/22/16 11:07	12/19/16	
Indeno(1,2,3-cd)pyrene	370 U	370	62	1	12/22/16 11:07	12/19/16	
Isophorone	370 U	370	59	1	12/22/16 11:07	12/19/16	
N-Nitrosodi-n-propylamine	370 U	370	85	1	12/22/16 11:07	12/19/16	
N-Nitrosodiphenylamine	370 U	370	65	1	12/22/16 11:07	12/19/16	
Naphthalene	370 U	370	53	1	12/22/16 11:07	12/19/16	
Nitrobenzene	370 U	370	57	1	12/22/16 11:07	12/19/16	
Pentachlorophenol (PCP)	1900 U	1900	310	1	12/22/16 11:07	12/19/16	
Phenanthrene	370 U	370	78	1	12/22/16 11:07	12/19/16	
Phenol	370 U	370	140	1	12/22/16 11:07	12/19/16	
Pyrene	370 U	370	80	1	12/22/16 11:07	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	47	13 - 128	12/22/16 11:07	
2-Fluorobiphenyl	39	10 - 102	12/22/16 11:07	
2-Fluorophenol	38	16 - 129	12/22/16 11:07	
Nitrobenzene-d5	37	10 - 95	12/22/16 11:07	
Phenol-d6	42	10 - 145	12/22/16 11:07	
Terphenyl-d14	66	16 - 126	12/22/16 11:07	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.11	2000	J
	unknown	3.34	52000	J
	unknown	3.88	500	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:45
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-2	**Units:**	ug/Kg
Lab Code:	R1613206-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	43000 U	43000	11000	20	12/29/16 10:17	12/19/16	
2,3,4,6-Tetrachlorophenol	43000 U	43000	12000	20	12/29/16 10:17	12/19/16	
2,4,5-Trichlorophenol	43000 U	43000	7800	20	12/29/16 10:17	12/19/16	
2,4,6-Trichlorophenol	43000 U	43000	5100	20	12/29/16 10:17	12/19/16	
2,4-Dichlorophenol	43000 U	43000	7600	20	12/29/16 10:17	12/19/16	
2,4-Dimethylphenol	43000 U	43000	8000	20	12/29/16 10:17	12/19/16	
2,4-Dinitrophenol	220000 U	220000	33000	20	12/29/16 10:17	12/19/16	
2,4-Dinitrotoluene	43000 U	43000	8200	20	12/29/16 10:17	12/19/16	
2,6-Dinitrotoluene	43000 U	43000	11000	20	12/29/16 10:17	12/19/16	
2-Chloronaphthalene	43000 U	43000	6800	20	12/29/16 10:17	12/19/16	
2-Chlorophenol	43000 U	43000	5600	20	12/29/16 10:17	12/19/16	
2-Methylnaphthalene	43000 U	43000	7100	20	12/29/16 10:17	12/19/16	
2-Methylphenol	43000 U	43000	9000	20	12/29/16 10:17	12/19/16	
2-Nitroaniline	220000 U	220000	29000	20	12/29/16 10:17	12/19/16	
2-Nitrophenol	43000 U	43000	6000	20	12/29/16 10:17	12/19/16	
3,3'-Dichlorobenzidine	43000 U	43000	8400	20	12/29/16 10:17	12/19/16	
3- and 4-Methylphenol Coelution	43000 U	43000	17000	20	12/29/16 10:17	12/19/16	
3-Nitroaniline	220000 U	220000	43000	20	12/29/16 10:17	12/19/16	
4,6-Dinitro-2-methylphenol	220000 U	220000	45000	20	12/29/16 10:17	12/19/16	
4-Bromophenyl Phenyl Ether	43000 U	43000	8200	20	12/29/16 10:17	12/19/16	
4-Chloro-3-methylphenol	43000 U	43000	6800	20	12/29/16 10:17	12/19/16	
4-Chloroaniline	43000 U	43000	8400	20	12/29/16 10:17	12/19/16	
4-Chlorophenyl Phenyl Ether	43000 U	43000	7600	20	12/29/16 10:17	12/19/16	
4-Nitroaniline	220000 U	220000	32000	20	12/29/16 10:17	12/19/16	
4-Nitrophenol	220000 U	220000	28000	20	12/29/16 10:17	12/19/16	
Acenaphthene	43000 U	43000	7300	20	12/29/16 10:17	12/19/16	
Acenaphthylene	43000 U	43000	7200	20	12/29/16 10:17	12/19/16	
Acetophenone	43000 U	43000	13000	20	12/29/16 10:17	12/19/16	
Anthracene	43000 U	43000	8000	20	12/29/16 10:17	12/19/16	
Atrazine	43000 U	43000	24000	20	12/29/16 10:17	12/19/16	
Benz(a)anthracene	43000 U	43000	6400	20	12/29/16 10:17	12/19/16	
Benzaldehyde	220000 U	220000	17000	20	12/29/16 10:17	12/19/16	
Benzo(a)pyrene	43000 U	43000	7500	20	12/29/16 10:17	12/19/16	
Benzo(b)fluoranthene	43000 U	43000	6500	20	12/29/16 10:17	12/19/16	
Benzo(g,h,i)perylene	43000 U	43000	6900	20	12/29/16 10:17	12/19/16	
Benzo(k)fluoranthene	43000 U	43000	7200	20	12/29/16 10:17	12/19/16	
Biphenyl	43000 U	43000	8800	20	12/29/16 10:17	12/19/16	
2,2'-Oxybis(1-chloropropane)	43000 U	43000	7600	20	12/29/16 10:17	12/19/16	
Bis(2-chloroethoxy)methane	43000 U	43000	5100	20	12/29/16 10:17	12/19/16	
Bis(2-chloroethyl) Ether	43000 U	43000	7900	20	12/29/16 10:17	12/19/16	
Bis(2-ethylhexyl) Phthalate	**460000**	43000	6400	20	12/29/16 10:17	12/19/16	
Butyl Benzyl Phthalate	**12000 J**	43000	8500	20	12/29/16 10:17	12/19/16	
Caprolactam	43000 U	43000	11000	20	12/29/16 10:17	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:45
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-2	**Units:**	ug/Kg
Lab Code:	R1613206-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	43000 U	43000	7400	20	12/29/16 10:17	12/19/16	
Chrysene	43000 U	43000	6700	20	12/29/16 10:17	12/19/16	
Di-n-butyl Phthalate	43000 U	43000	11000	20	12/29/16 10:17	12/19/16	
Di-n-octyl Phthalate	**150000**	43000	8200	20	12/29/16 10:17	12/19/16	
Dibenz(a,h)anthracene	43000 U	43000	6500	20	12/29/16 10:17	12/19/16	
Dibenzofuran	43000 U	43000	7400	20	12/29/16 10:17	12/19/16	
Diethyl Phthalate	43000 U	43000	8400	20	12/29/16 10:17	12/19/16	
Dimethyl Phthalate	43000 U	43000	7900	20	12/29/16 10:17	12/19/16	
Fluoranthene	43000 U	43000	8900	20	12/29/16 10:17	12/19/16	
Fluorene	43000 U	43000	6900	20	12/29/16 10:17	12/19/16	
Hexachlorobenzene	43000 U	43000	7900	20	12/29/16 10:17	12/19/16	
Hexachlorobutadiene	43000 U	43000	4700	20	12/29/16 10:17	12/19/16	
Hexachlorocyclopentadiene	43000 U	43000	9500	20	12/29/16 10:17	12/19/16	
Hexachloroethane	43000 U	43000	5700	20	12/29/16 10:17	12/19/16	
Indeno(1,2,3-cd)pyrene	43000 U	43000	7200	20	12/29/16 10:17	12/19/16	
Isophorone	43000 U	43000	6800	20	12/29/16 10:17	12/19/16	
N-Nitrosodi-n-propylamine	43000 U	43000	9800	20	12/29/16 10:17	12/19/16	
N-Nitrosodiphenylamine	43000 U	43000	7500	20	12/29/16 10:17	12/19/16	
Naphthalene	43000 U	43000	6100	20	12/29/16 10:17	12/19/16	
Nitrobenzene	43000 U	43000	6500	20	12/29/16 10:17	12/19/16	
Pentachlorophenol (PCP)	220000 U	220000	36000	20	12/29/16 10:17	12/19/16	
Phenanthrene	43000 U	43000	9000	20	12/29/16 10:17	12/19/16	
Phenol	43000 U	43000	16000	20	12/29/16 10:17	12/19/16	
Pyrene	43000 U	43000	9200	20	12/29/16 10:17	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/29/16 10:17	D
2-Fluorobiphenyl	0 *	10 - 102	12/29/16 10:17	D
2-Fluorophenol	0 *	16 - 129	12/29/16 10:17	D
Nitrobenzene-d5	0 *	10 - 95	12/29/16 10:17	D
Phenol-d6	0 *	10 - 145	12/29/16 10:17	D
Terphenyl-d14	0 *	16 - 126	12/29/16 10:17	D

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	11.21	31000	J
1000315-17-7	Phthalic acid, 6-ethyl-3-octyl hep	16.45	49000	JN
	unknown	3.29	56000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-17	**Units:**	ug/Kg
Lab Code:	R1613206-006	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	410 U	410	98	1	12/22/16 14:40	12/19/16	
2,3,4,6-Tetrachlorophenol	410 U	410	110	1	12/22/16 14:40	12/19/16	
2,4,5-Trichlorophenol	410 U	410	74	1	12/22/16 14:40	12/19/16	
2,4,6-Trichlorophenol	410 U	410	48	1	12/22/16 14:40	12/19/16	
2,4-Dichlorophenol	410 U	410	71	1	12/22/16 14:40	12/19/16	
2,4-Dimethylphenol	410 U	410	75	1	12/22/16 14:40	12/19/16	
2,4-Dinitrophenol	2100 U	2100	310	1	12/22/16 14:40	12/19/16	
2,4-Dinitrotoluene	410 U	410	78	1	12/22/16 14:40	12/19/16	
2,6-Dinitrotoluene	410 U	410	110	1	12/22/16 14:40	12/19/16	
2-Chloronaphthalene	410 U	410	64	1	12/22/16 14:40	12/19/16	
2-Chlorophenol	410 U	410	53	1	12/22/16 14:40	12/19/16	
2-Methylnaphthalene	410 U	410	67	1	12/22/16 14:40	12/19/16	
2-Methylphenol	410 U	410	85	1	12/22/16 14:40	12/19/16	
2-Nitroaniline	2100 U	2100	270	1	12/22/16 14:40	12/19/16	
2-Nitrophenol	410 U	410	57	1	12/22/16 14:40	12/19/16	
3,3'-Dichlorobenzidine	410 U	410	80	1	12/22/16 14:40	12/19/16	
3- and 4-Methylphenol Coelution	410 U	410	160	1	12/22/16 14:40	12/19/16	
3-Nitroaniline	2100 U	2100	410	1	12/22/16 14:40	12/19/16	
4,6-Dinitro-2-methylphenol	2100 U	2100	420	1	12/22/16 14:40	12/19/16	
4-Bromophenyl Phenyl Ether	410 U	410	78	1	12/22/16 14:40	12/19/16	
4-Chloro-3-methylphenol	410 U	410	65	1	12/22/16 14:40	12/19/16	
4-Chloroaniline	410 U	410	79	1	12/22/16 14:40	12/19/16	
4-Chlorophenyl Phenyl Ether	410 U	410	72	1	12/22/16 14:40	12/19/16	
4-Nitroaniline	2100 U	2100	310	1	12/22/16 14:40	12/19/16	
4-Nitrophenol	2100 U	2100	260	1	12/22/16 14:40	12/19/16	
Acenaphthene	410 U	410	69	1	12/22/16 14:40	12/19/16	
Acenaphthylene	410 U	410	68	1	12/22/16 14:40	12/19/16	
Acetophenone	410 U	410	120	1	12/22/16 14:40	12/19/16	
Anthracene	410 U	410	76	1	12/22/16 14:40	12/19/16	
Atrazine	410 U	410	230	1	12/22/16 14:40	12/19/16	
Benz(a)anthracene	410 U	410	61	1	12/22/16 14:40	12/19/16	
Benzaldehyde	2100 U	2100	160	1	12/22/16 14:40	12/19/16	
Benzo(a)pyrene	410 U	410	71	1	12/22/16 14:40	12/19/16	
Benzo(b)fluoranthene	410 U	410	61	1	12/22/16 14:40	12/19/16	
Benzo(g,h,i)perylene	410 U	410	66	1	12/22/16 14:40	12/19/16	
Benzo(k)fluoranthene	410 U	410	68	1	12/22/16 14:40	12/19/16	
Biphenyl	410 U	410	83	1	12/22/16 14:40	12/19/16	
2,2'-Oxybis(1-chloropropane)	410 U	410	72	1	12/22/16 14:40	12/19/16	
Bis(2-chloroethoxy)methane	410 U	410	48	1	12/22/16 14:40	12/19/16	
Bis(2-chloroethyl) Ether	410 U	410	75	1	12/22/16 14:40	12/19/16	
Bis(2-ethylhexyl) Phthalate	**930**	410	60	1	12/22/16 14:40	12/19/16	
Butyl Benzyl Phthalate	410 U	410	80	1	12/22/16 14:40	12/19/16	
Caprolactam	410 U	410	99	1	12/22/16 14:40	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-17	**Units:**	ug/Kg
Lab Code:	R1613206-006	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	410 U	410	70	1	12/22/16 14:40	12/19/16	
Chrysene	410 U	410	63	1	12/22/16 14:40	12/19/16	
Di-n-butyl Phthalate	410 U	410	99	1	12/22/16 14:40	12/19/16	
Di-n-octyl Phthalate	**220 J**	410	77	1	12/22/16 14:40	12/19/16	
Dibenz(a,h)anthracene	410 U	410	61	1	12/22/16 14:40	12/19/16	
Dibenzofuran	410 U	410	70	1	12/22/16 14:40	12/19/16	
Diethyl Phthalate	410 U	410	79	1	12/22/16 14:40	12/19/16	
Dimethyl Phthalate	410 U	410	75	1	12/22/16 14:40	12/19/16	
Fluoranthene	410 U	410	84	1	12/22/16 14:40	12/19/16	
Fluorene	410 U	410	66	1	12/22/16 14:40	12/19/16	
Hexachlorobenzene	410 U	410	75	1	12/22/16 14:40	12/19/16	
Hexachlorobutadiene	410 U	410	45	1	12/22/16 14:40	12/19/16	
Hexachlorocyclopentadiene	410 U	410	90	1	12/22/16 14:40	12/19/16	
Hexachloroethane	410 U	410	54	1	12/22/16 14:40	12/19/16	
Indeno(1,2,3-cd)pyrene	410 U	410	68	1	12/22/16 14:40	12/19/16	
Isophorone	410 U	410	64	1	12/22/16 14:40	12/19/16	
N-Nitrosodi-n-propylamine	410 U	410	93	1	12/22/16 14:40	12/19/16	
N-Nitrosodiphenylamine	410 U	410	71	1	12/22/16 14:40	12/19/16	
Naphthalene	410 U	410	58	1	12/22/16 14:40	12/19/16	
Nitrobenzene	410 U	410	62	1	12/22/16 14:40	12/19/16	
Pentachlorophenol (PCP)	2100 U	2100	340	1	12/22/16 14:40	12/19/16	
Phenanthrene	410 U	410	85	1	12/22/16 14:40	12/19/16	
Phenol	410 U	410	150	1	12/22/16 14:40	12/19/16	
Pyrene	410 U	410	87	1	12/22/16 14:40	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	45	13 - 128	12/22/16 14:40	
2-Fluorobiphenyl	29	10 - 102	12/22/16 14:40	
2-Fluorophenol	32	16 - 129	12/22/16 14:40	
Nitrobenzene-d5	31	10 - 95	12/22/16 14:40	
Phenol-d6	36	10 - 145	12/22/16 14:40	
Terphenyl-d14	57	16 - 126	12/22/16 14:40	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.11	1700	J
	unknown	3.33	49000	J
	unknown	3.87	470	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	102-2	**Units:**	ug/Kg
Lab Code:	R1613206-007	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	11000 U	11000	2600	5	12/29/16 10:45	12/19/16	
2,3,4,6-Tetrachlorophenol	11000 U	11000	2800	5	12/29/16 10:45	12/19/16	
2,4,5-Trichlorophenol	11000 U	11000	2000	5	12/29/16 10:45	12/19/16	
2,4,6-Trichlorophenol	11000 U	11000	1300	5	12/29/16 10:45	12/19/16	
2,4-Dichlorophenol	11000 U	11000	1900	5	12/29/16 10:45	12/19/16	
2,4-Dimethylphenol	11000 U	11000	2000	5	12/29/16 10:45	12/19/16	
2,4-Dinitrophenol	55000 U	55000	8200	5	12/29/16 10:45	12/19/16	
2,4-Dinitrotoluene	11000 U	11000	2100	5	12/29/16 10:45	12/19/16	
2,6-Dinitrotoluene	11000 U	11000	2700	5	12/29/16 10:45	12/19/16	
2-Chloronaphthalene	11000 U	11000	1700	5	12/29/16 10:45	12/19/16	
2-Chlorophenol	11000 U	11000	1400	5	12/29/16 10:45	12/19/16	
2-Methylnaphthalene	11000 U	11000	1800	5	12/29/16 10:45	12/19/16	
2-Methylphenol	11000 U	11000	2300	5	12/29/16 10:45	12/19/16	
2-Nitroaniline	55000 U	55000	7000	5	12/29/16 10:45	12/19/16	
2-Nitrophenol	11000 U	11000	1500	5	12/29/16 10:45	12/19/16	
3,3'-Dichlorobenzidine	11000 U	11000	2100	5	12/29/16 10:45	12/19/16	
3- and 4-Methylphenol Coelution	11000 U	11000	4000	5	12/29/16 10:45	12/19/16	
3-Nitroaniline	55000 U	55000	11000	5	12/29/16 10:45	12/19/16	
4,6-Dinitro-2-methylphenol	55000 U	55000	12000	5	12/29/16 10:45	12/19/16	
4-Bromophenyl Phenyl Ether	11000 U	11000	2100	5	12/29/16 10:45	12/19/16	
4-Chloro-3-methylphenol	11000 U	11000	1700	5	12/29/16 10:45	12/19/16	
4-Chloroaniline	11000 U	11000	2100	5	12/29/16 10:45	12/19/16	
4-Chlorophenyl Phenyl Ether	11000 U	11000	1900	5	12/29/16 10:45	12/19/16	
4-Nitroaniline	55000 U	55000	8000	5	12/29/16 10:45	12/19/16	
4-Nitrophenol	55000 U	55000	6800	5	12/29/16 10:45	12/19/16	
Acenaphthene	11000 U	11000	1900	5	12/29/16 10:45	12/19/16	
Acenaphthylene	11000 U	11000	1800	5	12/29/16 10:45	12/19/16	
Acetophenone	11000 U	11000	3100	5	12/29/16 10:45	12/19/16	
Anthracene	11000 U	11000	2000	5	12/29/16 10:45	12/19/16	
Atrazine	11000 U	11000	6000	5	12/29/16 10:45	12/19/16	
Benz(a)anthracene	11000 U	11000	1600	5	12/29/16 10:45	12/19/16	
Benzaldehyde	55000 U	55000	4300	5	12/29/16 10:45	12/19/16	
Benzo(a)pyrene	11000 U	11000	1900	5	12/29/16 10:45	12/19/16	
Benzo(b)fluoranthene	11000 U	11000	1600	5	12/29/16 10:45	12/19/16	
Benzo(g,h,i)perylene	11000 U	11000	1800	5	12/29/16 10:45	12/19/16	
Benzo(k)fluoranthene	11000 U	11000	1800	5	12/29/16 10:45	12/19/16	
Biphenyl	11000 U	11000	2200	5	12/29/16 10:45	12/19/16	
2,2'-Oxybis(1-chloropropane)	11000 U	11000	1900	5	12/29/16 10:45	12/19/16	
Bis(2-chloroethoxy)methane	11000 U	11000	1300	5	12/29/16 10:45	12/19/16	
Bis(2-chloroethyl) Ether	11000 U	11000	2000	5	12/29/16 10:45	12/19/16	
Bis(2-ethylhexyl) Phthalate	**110000**	11000	1600	5	12/29/16 10:45	12/19/16	
Butyl Benzyl Phthalate	**10000 J**	11000	2100	5	12/29/16 10:45	12/19/16	
Caprolactam	11000 U	11000	2600	5	12/29/16 10:45	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	102-2	**Units:**	ug/Kg
Lab Code:	R1613206-007	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	11000 U	11000	1900	5	12/29/16 10:45	12/19/16	
Chrysene	11000 U	11000	1700	5	12/29/16 10:45	12/19/16	
Di-n-butyl Phthalate	11000 U	11000	2600	5	12/29/16 10:45	12/19/16	
Di-n-octyl Phthalate	**24000**	11000	2100	5	12/29/16 10:45	12/19/16	
Dibenz(a,h)anthracene	11000 U	11000	1700	5	12/29/16 10:45	12/19/16	
Dibenzofuran	11000 U	11000	1900	5	12/29/16 10:45	12/19/16	
Diethyl Phthalate	11000 U	11000	2100	5	12/29/16 10:45	12/19/16	
Dimethyl Phthalate	11000 U	11000	2000	5	12/29/16 10:45	12/19/16	
Fluoranthene	11000 U	11000	2300	5	12/29/16 10:45	12/19/16	
Fluorene	11000 U	11000	1800	5	12/29/16 10:45	12/19/16	
Hexachlorobenzene	11000 U	11000	2000	5	12/29/16 10:45	12/19/16	
Hexachlorobutadiene	11000 U	11000	1200	5	12/29/16 10:45	12/19/16	
Hexachlorocyclopentadiene	11000 U	11000	2400	5	12/29/16 10:45	12/19/16	
Hexachloroethane	11000 U	11000	1400	5	12/29/16 10:45	12/19/16	
Indeno(1,2,3-cd)pyrene	11000 U	11000	1800	5	12/29/16 10:45	12/19/16	
Isophorone	11000 U	11000	1700	5	12/29/16 10:45	12/19/16	
N-Nitrosodi-n-propylamine	11000 U	11000	2500	5	12/29/16 10:45	12/19/16	
N-Nitrosodiphenylamine	11000 U	11000	1900	5	12/29/16 10:45	12/19/16	
Naphthalene	11000 U	11000	1600	5	12/29/16 10:45	12/19/16	
Nitrobenzene	11000 U	11000	1700	5	12/29/16 10:45	12/19/16	
Pentachlorophenol (PCP)	55000 U	55000	8800	5	12/29/16 10:45	12/19/16	
Phenanthrene	11000 U	11000	2300	5	12/29/16 10:45	12/19/16	
Phenol	11000 U	11000	3800	5	12/29/16 10:45	12/19/16	
Pyrene	11000 U	11000	2300	5	12/29/16 10:45	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/29/16 10:45	*
2-Fluorobiphenyl	0 *	10 - 102	12/29/16 10:45	*
2-Fluorophenol	0 *	16 - 129	12/29/16 10:45	*
Nitrobenzene-d5	0 *	10 - 95	12/29/16 10:45	*
Phenol-d6	0 *	10 - 145	12/29/16 10:45	*
Terphenyl-d14	0 *	16 - 126	12/29/16 10:45	*

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	10.30	83000	J
	unknown	12.53	6600	J
	unknown	12.57	7700	J
	unknown	12.90	4400	J
	unknown	16.45	8000	J
	unknown	3.29	65000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-1	**Units:**	ug/Kg
Lab Code:	R1613206-008	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	11000 U	11000	2600	5	12/29/16 11:14	12/19/16	
2,3,4,6-Tetrachlorophenol	11000 U	11000	2800	5	12/29/16 11:14	12/19/16	
2,4,5-Trichlorophenol	11000 U	11000	2000	5	12/29/16 11:14	12/19/16	
2,4,6-Trichlorophenol	11000 U	11000	1300	5	12/29/16 11:14	12/19/16	
2,4-Dichlorophenol	11000 U	11000	1900	5	12/29/16 11:14	12/19/16	
2,4-Dimethylphenol	11000 U	11000	2000	5	12/29/16 11:14	12/19/16	
2,4-Dinitrophenol	55000 U	55000	8100	5	12/29/16 11:14	12/19/16	
2,4-Dinitrotoluene	11000 U	11000	2100	5	12/29/16 11:14	12/19/16	
2,6-Dinitrotoluene	11000 U	11000	2700	5	12/29/16 11:14	12/19/16	
2-Chloronaphthalene	11000 U	11000	1700	5	12/29/16 11:14	12/19/16	
2-Chlorophenol	11000 U	11000	1400	5	12/29/16 11:14	12/19/16	
2-Methylnaphthalene	11000 U	11000	1800	5	12/29/16 11:14	12/19/16	
2-Methylphenol	11000 U	11000	2300	5	12/29/16 11:14	12/19/16	
2-Nitroaniline	55000 U	55000	7000	5	12/29/16 11:14	12/19/16	
2-Nitrophenol	11000 U	11000	1500	5	12/29/16 11:14	12/19/16	
3,3'-Dichlorobenzidine	11000 U	11000	2100	5	12/29/16 11:14	12/19/16	
3- and 4-Methylphenol Coelution	11000 U	11000	4000	5	12/29/16 11:14	12/19/16	
3-Nitroaniline	55000 U	55000	11000	5	12/29/16 11:14	12/19/16	
4,6-Dinitro-2-methylphenol	55000 U	55000	11000	5	12/29/16 11:14	12/19/16	
4-Bromophenyl Phenyl Ether	11000 U	11000	2100	5	12/29/16 11:14	12/19/16	
4-Chloro-3-methylphenol	11000 U	11000	1700	5	12/29/16 11:14	12/19/16	
4-Chloroaniline	11000 U	11000	2100	5	12/29/16 11:14	12/19/16	
4-Chlorophenyl Phenyl Ether	11000 U	11000	1900	5	12/29/16 11:14	12/19/16	
4-Nitroaniline	55000 U	55000	7900	5	12/29/16 11:14	12/19/16	
4-Nitrophenol	55000 U	55000	6700	5	12/29/16 11:14	12/19/16	
Acenaphthene	11000 U	11000	1800	5	12/29/16 11:14	12/19/16	
Acenaphthylene	11000 U	11000	1800	5	12/29/16 11:14	12/19/16	
Acetophenone	11000 U	11000	3000	5	12/29/16 11:14	12/19/16	
Anthracene	11000 U	11000	2000	5	12/29/16 11:14	12/19/16	
Atrazine	11000 U	11000	5900	5	12/29/16 11:14	12/19/16	
Benz(a)anthracene	11000 U	11000	1600	5	12/29/16 11:14	12/19/16	
Benzaldehyde	55000 U	55000	4200	5	12/29/16 11:14	12/19/16	
Benzo(a)pyrene	11000 U	11000	1900	5	12/29/16 11:14	12/19/16	
Benzo(b)fluoranthene	11000 U	11000	1600	5	12/29/16 11:14	12/19/16	
Benzo(g,h,i)perylene	11000 U	11000	1700	5	12/29/16 11:14	12/19/16	
Benzo(k)fluoranthene	11000 U	11000	1800	5	12/29/16 11:14	12/19/16	
Biphenyl	11000 U	11000	2200	5	12/29/16 11:14	12/19/16	
2,2'-Oxybis(1-chloropropane)	11000 U	11000	1900	5	12/29/16 11:14	12/19/16	
Bis(2-chloroethoxy)methane	11000 U	11000	1300	5	12/29/16 11:14	12/19/16	
Bis(2-chloroethyl) Ether	11000 U	11000	2000	5	12/29/16 11:14	12/19/16	
Bis(2-ethylhexyl) Phthalate	**32000**	11000	1600	5	12/29/16 11:14	12/19/16	
Butyl Benzyl Phthalate	**130000**	11000	2100	5	12/29/16 11:14	12/19/16	
Caprolactam	11000 U	11000	2600	5	12/29/16 11:14	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-1	**Units:**	ug/Kg
Lab Code:	R1613206-008	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	11000 U	11000	1900	5	12/29/16 11:14	12/19/16	
Chrysene	11000 U	11000	1700	5	12/29/16 11:14	12/19/16	
Di-n-butyl Phthalate	11000 U	11000	2600	5	12/29/16 11:14	12/19/16	
Di-n-octyl Phthalate	**4000 J**	11000	2000	5	12/29/16 11:14	12/19/16	
Dibenz(a,h)anthracene	11000 U	11000	1600	5	12/29/16 11:14	12/19/16	
Dibenzofuran	11000 U	11000	1900	5	12/29/16 11:14	12/19/16	
Diethyl Phthalate	11000 U	11000	2100	5	12/29/16 11:14	12/19/16	
Dimethyl Phthalate	11000 U	11000	2000	5	12/29/16 11:14	12/19/16	
Fluoranthene	11000 U	11000	2200	5	12/29/16 11:14	12/19/16	
Fluorene	11000 U	11000	1700	5	12/29/16 11:14	12/19/16	
Hexachlorobenzene	11000 U	11000	2000	5	12/29/16 11:14	12/19/16	
Hexachlorobutadiene	11000 U	11000	1200	5	12/29/16 11:14	12/19/16	
Hexachlorocyclopentadiene	11000 U	11000	2400	5	12/29/16 11:14	12/19/16	
Hexachloroethane	11000 U	11000	1400	5	12/29/16 11:14	12/19/16	
Indeno(1,2,3-cd)pyrene	11000 U	11000	1800	5	12/29/16 11:14	12/19/16	
Isophorone	11000 U	11000	1700	5	12/29/16 11:14	12/19/16	
N-Nitrosodi-n-propylamine	11000 U	11000	2400	5	12/29/16 11:14	12/19/16	
N-Nitrosodiphenylamine	11000 U	11000	1900	5	12/29/16 11:14	12/19/16	
Naphthalene	11000 U	11000	1500	5	12/29/16 11:14	12/19/16	
Nitrobenzene	11000 U	11000	1600	5	12/29/16 11:14	12/19/16	
Pentachlorophenol (PCP)	55000 U	55000	8700	5	12/29/16 11:14	12/19/16	
Phenanthrene	11000 U	11000	2200	5	12/29/16 11:14	12/19/16	
Phenol	11000 U	11000	3800	5	12/29/16 11:14	12/19/16	
Pyrene	11000 U	11000	2300	5	12/29/16 11:14	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/29/16 11:14	*
2-Fluorobiphenyl	0 *	10 - 102	12/29/16 11:14	*
2-Fluorophenol	0 *	16 - 129	12/29/16 11:14	*
Nitrobenzene-d5	0 *	10 - 95	12/29/16 11:14	*
Phenol-d6	0 *	10 - 145	12/29/16 11:14	*
Terphenyl-d14	0 *	16 - 126	12/29/16 11:14	*

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.30	110000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:05
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-8	**Units:**	ug/Kg
Lab Code:	R1613206-009	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	56000 U	56000	14000	25	12/29/16 11:43	12/19/16	
2,3,4,6-Tetrachlorophenol	56000 U	56000	15000	25	12/29/16 11:43	12/19/16	
2,4,5-Trichlorophenol	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
2,4,6-Trichlorophenol	56000 U	56000	6700	25	12/29/16 11:43	12/19/16	
2,4-Dichlorophenol	56000 U	56000	9900	25	12/29/16 11:43	12/19/16	
2,4-Dimethylphenol	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
2,4-Dinitrophenol	290000 U	290000	43000	25	12/29/16 11:43	12/19/16	
2,4-Dinitrotoluene	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
2,6-Dinitrotoluene	56000 U	56000	15000	25	12/29/16 11:43	12/19/16	
2-Chloronaphthalene	56000 U	56000	8800	25	12/29/16 11:43	12/19/16	
2-Chlorophenol	56000 U	56000	7400	25	12/29/16 11:43	12/19/16	
2-Methylnaphthalene	56000 U	56000	9300	25	12/29/16 11:43	12/19/16	
2-Methylphenol	56000 U	56000	12000	25	12/29/16 11:43	12/19/16	
2-Nitroaniline	290000 U	290000	37000	25	12/29/16 11:43	12/19/16	
2-Nitrophenol	56000 U	56000	7900	25	12/29/16 11:43	12/19/16	
3,3'-Dichlorobenzidine	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
3- and 4-Methylphenol Coelution	56000 U	56000	22000	25	12/29/16 11:43	12/19/16	
3-Nitroaniline	290000 U	290000	57000	25	12/29/16 11:43	12/19/16	
4,6-Dinitro-2-methylphenol	290000 U	290000	59000	25	12/29/16 11:43	12/19/16	
4-Bromophenyl Phenyl Ether	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
4-Chloro-3-methylphenol	56000 U	56000	8900	25	12/29/16 11:43	12/19/16	
4-Chloroaniline	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
4-Chlorophenyl Phenyl Ether	56000 U	56000	10000	25	12/29/16 11:43	12/19/16	
4-Nitroaniline	290000 U	290000	42000	25	12/29/16 11:43	12/19/16	
4-Nitrophenol	290000 U	290000	36000	25	12/29/16 11:43	12/19/16	
Acenaphthene	56000 U	56000	9500	25	12/29/16 11:43	12/19/16	
Acenaphthylene	56000 U	56000	9400	25	12/29/16 11:43	12/19/16	
Acetophenone	56000 U	56000	16000	25	12/29/16 11:43	12/19/16	
Anthracene	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
Atrazine	56000 U	56000	32000	25	12/29/16 11:43	12/19/16	
Benz(a)anthracene	56000 U	56000	8400	25	12/29/16 11:43	12/19/16	
Benzaldehyde	290000 U	290000	23000	25	12/29/16 11:43	12/19/16	
Benzo(a)pyrene	56000 U	56000	9800	25	12/29/16 11:43	12/19/16	
Benzo(b)fluoranthene	56000 U	56000	8500	25	12/29/16 11:43	12/19/16	
Benzo(g,h,i)perylene	56000 U	56000	9100	25	12/29/16 11:43	12/19/16	
Benzo(k)fluoranthene	56000 U	56000	9400	25	12/29/16 11:43	12/19/16	
Biphenyl	56000 U	56000	12000	25	12/29/16 11:43	12/19/16	
2,2'-Oxybis(1-chloropropane)	56000 U	56000	10000	25	12/29/16 11:43	12/19/16	
Bis(2-chloroethoxy)methane	56000 U	56000	6600	25	12/29/16 11:43	12/19/16	
Bis(2-chloroethyl) Ether	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
Bis(2-ethylhexyl) Phthalate	**830000**	56000	8300	25	12/29/16 11:43	12/19/16	
Butyl Benzyl Phthalate	**18000 J**	56000	12000	25	12/29/16 11:43	12/19/16	
Caprolactam	56000 U	56000	14000	25	12/29/16 11:43	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:05
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-8	**Units:**	ug/Kg
Lab Code:	R1613206-009	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	56000 U	56000	9700	25	12/29/16 11:43	12/19/16	
Chrysene	56000 U	56000	8800	25	12/29/16 11:43	12/19/16	
Di-n-butyl Phthalate	56000 U	56000	14000	25	12/29/16 11:43	12/19/16	
Di-n-octyl Phthalate	**120000**	56000	11000	25	12/29/16 11:43	12/19/16	
Dibenz(a,h)anthracene	56000 U	56000	8500	25	12/29/16 11:43	12/19/16	
Dibenzofuran	56000 U	56000	9700	25	12/29/16 11:43	12/19/16	
Diethyl Phthalate	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
Dimethyl Phthalate	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
Fluoranthene	56000 U	56000	12000	25	12/29/16 11:43	12/19/16	
Fluorene	56000 U	56000	9100	25	12/29/16 11:43	12/19/16	
Hexachlorobenzene	56000 U	56000	11000	25	12/29/16 11:43	12/19/16	
Hexachlorobutadiene	56000 U	56000	6200	25	12/29/16 11:43	12/19/16	
Hexachlorocyclopentadiene	56000 U	56000	13000	25	12/29/16 11:43	12/19/16	
Hexachloroethane	56000 U	56000	7400	25	12/29/16 11:43	12/19/16	
Indeno(1,2,3-cd)pyrene	56000 U	56000	9400	25	12/29/16 11:43	12/19/16	
Isophorone	56000 U	56000	8900	25	12/29/16 11:43	12/19/16	
N-Nitrosodi-n-propylamine	56000 U	56000	13000	25	12/29/16 11:43	12/19/16	
N-Nitrosodiphenylamine	56000 U	56000	9800	25	12/29/16 11:43	12/19/16	
Naphthalene	56000 U	56000	8000	25	12/29/16 11:43	12/19/16	
Nitrobenzene	56000 U	56000	8500	25	12/29/16 11:43	12/19/16	
Pentachlorophenol (PCP)	290000 U	290000	47000	25	12/29/16 11:43	12/19/16	
Phenanthrene	56000 U	56000	12000	25	12/29/16 11:43	12/19/16	
Phenol	56000 U	56000	20000	25	12/29/16 11:43	12/19/16	
Pyrene	56000 U	56000	12000	25	12/29/16 11:43	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/29/16 11:43	D
2-Fluorobiphenyl	0 *	10 - 102	12/29/16 11:43	D
2-Fluorophenol	0 *	16 - 129	12/29/16 11:43	D
Nitrobenzene-d5	0 *	10 - 95	12/29/16 11:43	D
Phenol-d6	0 *	10 - 145	12/29/16 11:43	D
Terphenyl-d14	0 *	16 - 126	12/29/16 11:43	D

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
1000315-17-6	Phthalic acid, 6-ethyl-3-octyl hex	16.45	44000	JN
	unknown	3.29	82000	J

Semivolatile Organic Compounds by GC

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
4,4'-DDE	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
4,4'-DDT	**88 P**	11	5.4	5	12/27/16 10:25	12/20/16	
Aldrin	**49**	11	5.4	5	12/27/16 10:25	12/20/16	
Dieldrin	11 U	11	6.5	5	12/27/16 10:25	12/20/16	
Endosulfan I	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
Endosulfan II	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
Endosulfan Sulfate	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
Endrin	**49 P**	11	9.1	5	12/27/16 10:25	12/20/16	
Endrin Aldehyde	**17**	11	5.4	5	12/27/16 10:25	12/20/16	
Endrin Ketone	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
Heptachlor	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
Heptachlor Epoxide	**40 P**	11	5.4	5	12/27/16 10:25	12/20/16	
Methoxychlor	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
Toxaphene	110 U	110	54	5	12/27/16 10:25	12/20/16	
alpha-BHC	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
alpha-Chlordane	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
beta-BHC	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
delta-BHC	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
gamma-BHC (Lindane)	11 U	11	5.4	5	12/27/16 10:25	12/20/16	
gamma-Chlordane	11 U	11	5.4	5	12/27/16 10:25	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	75	10 - 122	12/27/16 10:25	
Tetrachloro-m-xylene	62	10 - 123	12/27/16 10:25	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:40
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-3	**Units:**	ug/Kg
Lab Code:	R1613206-003	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
4,4'-DDE	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
4,4'-DDT	**2.6**	1.9	0.96	1	12/27/16 11:21	12/20/16	
Aldrin	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
Dieldrin	1.9 U	1.9	1.2	1	12/27/16 11:21	12/20/16	
Endosulfan I	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
Endosulfan II	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
Endosulfan Sulfate	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
Endrin	**1.9**	1.9	1.7	1	12/27/16 11:21	12/20/16	
Endrin Aldehyde	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
Endrin Ketone	**1.3 J**	1.9	0.96	1	12/27/16 11:21	12/20/16	
Heptachlor	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
Heptachlor Epoxide	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
Methoxychlor	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
Toxaphene	19 U	19	9.6	1	12/27/16 11:21	12/20/16	
alpha-BHC	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
alpha-Chlordane	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
beta-BHC	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
delta-BHC	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
gamma-BHC (Lindane)	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	
gamma-Chlordane	1.9 U	1.9	0.96	1	12/27/16 11:21	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	55	10 - 122	12/27/16 11:21	
Tetrachloro-m-xylene	45	10 - 123	12/27/16 11:21	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-17	**Units:**	ug/Kg
Lab Code:	R1613206-006	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
4,4'-DDE	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
4,4'-DDT	**6.2**	2.1	1.1	1	12/27/16 11:38	12/20/16	
Aldrin	**4.6**	2.1	1.1	1	12/27/16 11:38	12/20/16	
Dieldrin	2.1 U	2.1	1.3	1	12/27/16 11:38	12/20/16	
Endosulfan I	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
Endosulfan II	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
Endosulfan Sulfate	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
Endrin	**4.2 P**	2.1	1.8	1	12/27/16 11:38	12/20/16	
Endrin Aldehyde	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
Endrin Ketone	**2.1**	2.1	1.1	1	12/27/16 11:38	12/20/16	
Heptachlor	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
Heptachlor Epoxide	**7.4 P**	2.1	1.1	1	12/27/16 11:38	12/20/16	
Methoxychlor	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
Toxaphene	21 U	21	11	1	12/27/16 11:38	12/20/16	
alpha-BHC	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
alpha-Chlordane	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
beta-BHC	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
delta-BHC	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
gamma-BHC (Lindane)	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	
gamma-Chlordane	2.1 U	2.1	1.1	1	12/27/16 11:38	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 122	12/27/16 11:38	
Tetrachloro-m-xylene	43	10 - 123	12/27/16 11:38	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	102-2	**Units:**	ug/Kg
Lab Code:	R1613206-007	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	110	U	110	55	50	12/27/16 11:56	12/20/16	
4,4'-DDE	110	U	110	55	50	12/27/16 11:56	12/20/16	
4,4'-DDT	**870**		110	55	50	12/27/16 11:56	12/20/16	
Aldrin	**320**	**P**	110	55	50	12/27/16 11:56	12/20/16	
Dieldrin	110	U	110	66	50	12/27/16 11:56	12/20/16	
Endosulfan I	110	U	110	55	50	12/27/16 11:56	12/20/16	
Endosulfan II	110	U	110	55	50	12/27/16 11:56	12/20/16	
Endosulfan Sulfate	110	U	110	55	50	12/27/16 11:56	12/20/16	
Endrin	**600**	**P**	110	93	50	12/27/16 11:56	12/20/16	
Endrin Aldehyde	**230**		110	55	50	12/27/16 11:56	12/20/16	
Endrin Ketone	**340**		110	55	50	12/27/16 11:56	12/20/16	
Heptachlor	110	U	110	55	50	12/27/16 11:56	12/20/16	
Heptachlor Epoxide	110	U	110	55	50	12/27/16 11:56	12/20/16	
Methoxychlor	110	U	110	55	50	12/27/16 11:56	12/20/16	
Toxaphene	1100	U	1100	550	50	12/27/16 11:56	12/20/16	
alpha-BHC	110	U	110	55	50	12/27/16 11:56	12/20/16	
alpha-Chlordane	**75**	**J**	110	55	50	12/27/16 11:56	12/20/16	
beta-BHC	110	U	110	55	50	12/27/16 11:56	12/20/16	
delta-BHC	110	U	110	55	50	12/27/16 11:56	12/20/16	
gamma-BHC (Lindane)	110	U	110	55	50	12/27/16 11:56	12/20/16	
gamma-Chlordane	110	U	110	55	50	12/27/16 11:56	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	10 - 122	12/27/16 11:56	D
Tetrachloro-m-xylene	0 *	10 - 123	12/27/16 11:56	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	2100 U	2100	1100	50	12/29/16 15:55	12/20/16	
Aroclor 1221	4300 U	4300	2200	50	12/29/16 15:55	12/20/16	
Aroclor 1232	2100 U	2100	1100	50	12/29/16 15:55	12/20/16	
Aroclor 1242	**4500**	2100	1100	50	12/29/16 15:55	12/20/16	
Aroclor 1248	2100 U	2100	1100	50	12/29/16 15:55	12/20/16	
Aroclor 1254	**2100 J**	2100	1300	50	12/29/16 15:55	12/20/16	
Aroclor 1260	2100 U	2100	1100	50	12/29/16 15:55	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/29/16 15:55	D
Tetrachloro-m-xylene	0 *	14 - 119	12/29/16 15:55	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 10:15
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-19	**Units:**	ug/Kg
Lab Code:	R1613206-002	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	390 U	390	210	10	12/29/16 16:53	12/20/16	
Aroclor 1221	800 U	800	410	10	12/29/16 16:53	12/20/16	
Aroclor 1232	390 U	390	210	10	12/29/16 16:53	12/20/16	
Aroclor 1242	**1300**	390	210	10	12/29/16 16:53	12/20/16	
Aroclor 1248	390 U	390	210	10	12/29/16 16:53	12/20/16	
Aroclor 1254	**730**	390	230	10	12/29/16 16:53	12/20/16	
Aroclor 1260	390 U	390	210	10	12/29/16 16:53	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	97	22 - 128	12/29/16 16:53	
Tetrachloro-m-xylene	73	14 - 119	12/29/16 16:53	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:40
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-3	**Units:**	ug/Kg
Lab Code:	R1613206-003	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	37 U	37	20	1	12/29/16 17:13	12/20/16	
Aroclor 1221	76 U	76	39	1	12/29/16 17:13	12/20/16	
Aroclor 1232	37 U	37	20	1	12/29/16 17:13	12/20/16	
Aroclor 1242	37 U	37	20	1	12/29/16 17:13	12/20/16	
Aroclor 1248	**53**	37	20	1	12/29/16 17:13	12/20/16	
Aroclor 1254	**55**	37	22	1	12/29/16 17:13	12/20/16	
Aroclor 1260	**26 J**	37	20	1	12/29/16 17:13	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	85	22 - 128	12/29/16 17:13	
Tetrachloro-m-xylene	66	14 - 119	12/29/16 17:13	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-8	**Units:**	ug/Kg
Lab Code:	R1613206-004	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	37 U	37	20	1	12/29/16 17:32	12/20/16	
Aroclor 1221	76 U	76	39	1	12/29/16 17:32	12/20/16	
Aroclor 1232	37 U	37	20	1	12/29/16 17:32	12/20/16	
Aroclor 1242	37 U	37	20	1	12/29/16 17:32	12/20/16	
Aroclor 1248	37 U	37	20	1	12/29/16 17:32	12/20/16	
Aroclor 1254	37 U	37	22	1	12/29/16 17:32	12/20/16	
Aroclor 1260	37 U	37	20	1	12/29/16 17:32	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	77	22 - 128	12/29/16 17:32	
Tetrachloro-m-xylene	56	14 - 119	12/29/16 17:32	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:45
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-2	**Units:**	ug/Kg
Lab Code:	R1613206-005	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	21000 U	21000	12000	500	12/29/16 18:31	12/20/16	
Aroclor 1221	44000 U	44000	23000	500	12/29/16 18:31	12/20/16	
Aroclor 1232	21000 U	21000	12000	500	12/29/16 18:31	12/20/16	
Aroclor 1242	**46000**	21000	12000	500	12/29/16 18:31	12/20/16	
Aroclor 1248	21000 U	21000	12000	500	12/29/16 18:31	12/20/16	
Aroclor 1254	**37000**	21000	13000	500	12/29/16 18:31	12/20/16	
Aroclor 1260	21000 U	21000	12000	500	12/29/16 18:31	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/29/16 18:31	D
Tetrachloro-m-xylene	0 *	14 - 119	12/29/16 18:31	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-17	**Units:**	ug/Kg
Lab Code:	R1613206-006	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	41 U	41	21	1	12/29/16 18:51	12/20/16	
Aroclor 1221	83 U	83	42	1	12/29/16 18:51	12/20/16	
Aroclor 1232	41 U	41	21	1	12/29/16 18:51	12/20/16	
Aroclor 1242	**360**	41	21	1	12/29/16 18:51	12/20/16	
Aroclor 1248	41 U	41	21	1	12/29/16 18:51	12/20/16	
Aroclor 1254	**130**	41	24	1	12/29/16 18:51	12/20/16	
Aroclor 1260	**34 J**	41	21	1	12/29/16 18:51	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	75	22 - 128	12/29/16 18:51	
Tetrachloro-m-xylene	59	14 - 119	12/29/16 18:51	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	102-2	**Units:**	ug/Kg
Lab Code:	R1613206-007	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	4300 U	4300	2300	100	12/29/16 19:10	12/20/16	
Aroclor 1221	8700 U	8700	4500	100	12/29/16 19:10	12/20/16	
Aroclor 1232	4300 U	4300	2300	100	12/29/16 19:10	12/20/16	
Aroclor 1242	4300 U	4300	2300	100	12/29/16 19:10	12/20/16	
Aroclor 1248	**23000**	4300	2300	100	12/29/16 19:10	12/20/16	
Aroclor 1254	**20000**	4300	2500	100	12/29/16 19:10	12/20/16	
Aroclor 1260	**5000**	4300	2300	100	12/29/16 19:10	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/29/16 19:10	D
Tetrachloro-m-xylene	0 *	14 - 119	12/29/16 19:10	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-1	**Units:**	ug/Kg
Lab Code:	R1613206-008	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	4200 U	4200	2200	100	12/29/16 19:30	12/20/16	
Aroclor 1221	8600 U	8600	4400	100	12/29/16 19:30	12/20/16	
Aroclor 1232	4200 U	4200	2200	100	12/29/16 19:30	12/20/16	
Aroclor 1242	4200 U	4200	2200	100	12/29/16 19:30	12/20/16	
Aroclor 1248	**12000**	4200	2200	100	12/29/16 19:30	12/20/16	
Aroclor 1254	**7100**	4200	2500	100	12/29/16 19:30	12/20/16	
Aroclor 1260	4200 U	4200	2200	100	12/29/16 19:30	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/29/16 19:30	D
Tetrachloro-m-xylene	0 *	14 - 119	12/29/16 19:30	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:05
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-8	**Units:**	ug/Kg
Lab Code:	R1613206-009	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	23000 U	23000	12000	500	12/29/16 19:49	12/20/16	
Aroclor 1221	46000 U	46000	24000	500	12/29/16 19:49	12/20/16	
Aroclor 1232	23000 U	23000	12000	500	12/29/16 19:49	12/20/16	
Aroclor 1242	**65000**	23000	12000	500	12/29/16 19:49	12/20/16	
Aroclor 1248	23000 U	23000	12000	500	12/29/16 19:49	12/20/16	
Aroclor 1254	**37000**	23000	13000	500	12/29/16 19:49	12/20/16	
Aroclor 1260	23000 U	23000	12000	500	12/29/16 19:49	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	12/29/16 19:49	D
Tetrachloro-m-xylene	0 *	14 - 119	12/29/16 19:49	D

Metals

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	104-18
Project No.:	R1613206	**Date Collected:**	12/15/2016
Project Name:		**Date Received:**	12/15/2016
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **104-18** **Lab Code:** **R1613206-001**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	63.6	23.1	5.0	3190		
Antimony	6010C	7.6	0.215	1.0	7.6	U	
Arsenic	6010C	1.3	0.210	1.0	2.0		
Barium	6010C	2.5	0.132	1.0	40.9		
Beryllium	6010C	0.382	0.015	1.0	0.127	J	
Cadmium	6010C	0.636	0.034	1.0	0.611	J	
Mercury	7471B	0.040	0.004	1.0	0.013	J	
Calcium	6010C	121	16.1	1.0	710		
Chromium	6010C	1.3	0.052	1.0	16.3		N
Cobalt	6010C	6.4	0.051	1.0	3.5	J	E
Copper	6010C	2.5	0.140	1.0	19.3		
Iron	6010C	63.6	5.4	5.0	9440		
Lead	6010C	6.4	0.182	1.0	36.6		N
Magnesium	6010C	127	1.9	1.0	1330		
Manganese	6010C	1.3	0.058	1.0	183		N
Nickel	6010C	4.9	0.153	1.0	6.7		
Potassium	6010C	254	5.2	1.0	520		
Selenium	6010C	1.3	0.752	1.0	1.3	U	
Silver	6010C	1.3	0.056	1.0	1.3	U	
Sodium	6010C	127	10.0	1.0	55.6	J	
Thallium	6010C	1.3	0.638	1.0	1.3	U	
Vanadium	6010C	6.4	0.086	1.0	7.0		
Zinc	6010C	2.5	0.156	1.0	115		N

% Solids: **78.6**

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	104-18
Project No.:	R1613206	**Date Collected:**	12/15/2016
Project Name:		**Date Received:**	12/15/2016
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **103-19** **Lab Code:** **R1613206-002**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	116	42.3	10.0	7730		
Antimony	6010C	7.0	0.196	1.0	11.3		
Arsenic	6010C	1.2	0.193	1.0	7.9		
Barium	6010C	2.3	0.121	1.0	346		
Beryllium	6010C	0.349	0.014	1.0	0.233	J	
Cadmium	6010C	0.582	0.031	1.0	12.8		
Mercury	7471B	0.037	0.003	1.0	0.400		
Calcium	6010C	116	15.5	1.0	2320		
Chromium	6010C	1.2	0.047	1.0	29.9		N
Cobalt	6010C	5.8	0.047	1.0	14.4		E
Copper	6010C	2.3	0.128	1.0	150		
Iron	6010C	116	9.9	10.0	40800		
Lead	6010C	5.8	0.167	1.0	551		N
Magnesium	6010C	116	1.7	1.0	2340		
Manganese	6010C	1.2	0.053	1.0	576		N
Nickel	6010C	4.7	0.147	1.0	4.7	U	
Potassium	6010C	233	4.7	1.0	745		
Selenium	6010C	1.2	0.688	1.0	1.2		
Silver	6010C	1.2	0.051	1.0	0.594	J	
Sodium	6010C	116	9.1	1.0	911		
Thallium	6010C	1.2	0.583	1.0	1.2	U	
Vanadium	6010C	5.8	0.078	1.0	14.1		
Zinc	6010C	23.3	1.4	10.0	1660		N

% Solids: **84.2**

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: 104-18
Project No.: R1613206
Date Collected: 12/14/2016
Project Name:
Date Received: 12/15/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: 105-3
Lab Code: R1613206-003

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	54.5	19.8	5.0	3300		
Antimony	6010C	6.5	0.184	1.0	0.262	J	
Arsenic	6010C	1.1	0.180	1.0	1.6		
Barium	6010C	2.2	0.113	1.0	34.8		
Beryllium	6010C	0.327	0.013	1.0	0.076	J	
Cadmium	6010C	0.545	0.029	1.0	0.611		
Mercury	7471B	0.035	0.003	1.0	0.213		
Calcium	6010C	109	14.5	1.0	892		
Chromium	6010C	1.1	0.044	1.0	6.8		N
Cobalt	6010C	5.5	0.044	1.0	3.0	J	E
Copper	6010C	2.2	0.120	1.0	36.4		
Iron	6010C	54.5	4.6	5.0	7790		
Lead	6010C	5.5	0.156	1.0	28.3		N
Magnesium	6010C	109	1.6	1.0	1040		
Manganese	6010C	1.1	0.050	1.0	162		N
Nickel	6010C	4.4	0.138	1.0	15.1		
Potassium	6010C	218	4.4	1.0	301		
Selenium	6010C	1.1	0.644	1.0	1.1	U	
Silver	6010C	1.1	0.048	1.0	1.1	U	
Sodium	6010C	109	8.5	1.0	14.2	J	
Thallium	6010C	1.1	0.546	1.0	1.1	U	
Vanadium	6010C	5.5	0.073	1.0	5.5		
Zinc	6010C	2.2	0.134	1.0	135		N

% Solids: 88.2

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	104-18
Project No.:	R1613206	**Date Collected:**	12/14/2016
Project Name:		**Date Received:**	12/15/2016
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **105-8** **Lab Code:** **R1613206-004**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	55.6	20.2	5.0	2450		
Antimony	6010C	6.7	0.188	1.0	6.7	U	
Arsenic	6010C	1.1	0.184	1.0	1.4		
Barium	6010C	2.2	0.116	1.0	11.3		
Beryllium	6010C	0.334	0.013	1.0	0.067	J	
Cadmium	6010C	0.556	0.030	1.0	0.556	U	
Mercury	7471B	0.037	0.003	1.0	0.042		
Calcium	6010C	111	14.8	1.0	111	U	
Chromium	6010C	1.1	0.045	1.0	2.7		N
Cobalt	6010C	5.6	0.045	1.0	1.8	J	E
Copper	6010C	2.2	0.122	1.0	4.3		
Iron	6010C	11.1	0.948	1.0	4140		
Lead	6010C	5.6	0.159	1.0	1.1	J	N
Magnesium	6010C	111	1.7	1.0	686		
Manganese	6010C	1.1	0.051	1.0	111		N
Nickel	6010C	4.5	0.141	1.0	10.3		
Potassium	6010C	223	4.5	1.0	279		
Selenium	6010C	1.1	0.657	1.0	1.1	U	
Silver	6010C	1.1	0.049	1.0	1.1	U	
Sodium	6010C	111	8.7	1.0	10.8	J	
Thallium	6010C	1.1	0.558	1.0	1.1	U	
Vanadium	6010C	5.6	0.075	1.0	4.0	J	
Zinc	6010C	2.2	0.137	1.0	9.4		N

% Solids: **88.1**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: 104-18
Project No.: R1613206
Date Collected: 12/15/2016
Project Name:
Date Received: 12/15/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: 103-2
Lab Code: R1613206-005

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	522	189	40.0	7850		
Antimony	6010C	7.8	0.220	1.0	21.4		
Arsenic	6010C	1.3	0.216	1.0	27.9		
Barium	6010C	2.6	0.135	1.0	1850		
Beryllium	6010C	0.391	0.016	1.0	0.222	J	
Cadmium	6010C	0.652	0.035	1.0	31.8		
Mercury	7471B	0.414	0.037	10.0	3.9		
Calcium	6010C	2580	344	20.0	41500		
Chromium	6010C	1.3	0.053	1.0	823		N
Cobalt	6010C	6.5	0.053	1.0	45.3		E
Copper	6010C	261	14.3	100.0	17100		
Iron	6010C	1300	111	100.0	354000		
Lead	6010C	261	7.5	40.0	2250		N
Magnesium	6010C	130	1.9	1.0	8320		
Manganese	6010C	52.2	2.4	40.0	1990		N
Nickel	6010C	5.2	0.163	1.0	387		
Potassium	6010C	261	5.3	1.0	514		
Selenium	6010C	1.3	0.770	1.0	5.4		
Silver	6010C	1.3	0.057	1.0	3.1		
Sodium	6010C	130	10.2	1.0	500		
Thallium	6010C	52.2	26.1	40.0	52.2	U	
Vanadium	6010C	6.5	0.088	1.0	29.8		
Zinc	6010C	104	6.4	40.0	8400		N

% Solids: 76.7

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	104-18
Project No.:	R1613206	**Date Collected:**	12/15/2016
Project Name:		**Date Received:**	12/15/2016
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **103-17** **Lab Code:** **R1613206-006**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	61.7	22.4	5.0	6190		
Antimony	6010C	7.4	0.208	1.0	7.4	U	
Arsenic	6010C	1.2	0.204	1.0	3.6		
Barium	6010C	2.5	0.128	1.0	37.2		
Beryllium	6010C	0.370	0.015	1.0	0.259	J	
Cadmium	6010C	0.617	0.033	1.0	0.123	J	
Mercury	7471B	0.039	0.003	1.0	0.017	J	
Calcium	6010C	119	15.8	1.0	545		
Chromium	6010C	1.2	0.050	1.0	8.6		N
Cobalt	6010C	6.2	0.050	1.0	4.6	J	E
Copper	6010C	2.5	0.136	1.0	15.4		
Iron	6010C	61.7	5.3	5.0	13100		
Lead	6010C	6.2	0.177	1.0	13.3		N
Magnesium	6010C	123	1.8	1.0	1990		
Manganese	6010C	1.2	0.057	1.0	153		N
Nickel	6010C	4.8	0.150	1.0	10.0		
Potassium	6010C	247	5.0	1.0	696		
Selenium	6010C	1.2	0.729	1.0	1.2	U	
Silver	6010C	1.2	0.054	1.0	1.2	U	
Sodium	6010C	123	9.7	1.0	425		
Thallium	6010C	1.2	0.619	1.0	1.2	U	
Vanadium	6010C	6.2	0.083	1.0	11.7		
Zinc	6010C	2.5	0.152	1.0	45.0		N

% Solids: **81.0**

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: 104-18
Project No.: R1613206
Date Collected: 12/14/2016
Project Name:
Date Received: 12/15/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: 102-2
Lab Code: R1613206-007

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	260	94.5	20.0	18300		
Antimony	6010C	7.8	0.219	1.0	24.8		
Arsenic	6010C	1.3	0.215	1.0	9.9		
Barium	6010C	2.6	0.135	1.0	641		
Beryllium	6010C	0.390	0.016	1.0	0.117	J	
Cadmium	6010C	0.650	0.035	1.0	25.7		
Mercury	7471B	0.400	0.035	10.0	3.5		
Calcium	6010C	129	17.2	1.0	17300		
Chromium	6010C	1.3	0.053	1.0	70.5		N
Cobalt	6010C	6.5	0.053	1.0	20.0		E
Copper	6010C	52.0	2.9	20.0	1480		
Iron	6010C	260	22.2	20.0	83800		
Lead	6010C	6.5	0.186	1.0	1280		N
Magnesium	6010C	130	1.9	1.0	2700		
Manganese	6010C	1.3	0.060	1.0	458		N
Nickel	6010C	5.2	0.163	1.0	187		
Potassium	6010C	260	5.3	1.0	271		
Selenium	6010C	1.3	0.768	1.0	4.2		
Silver	6010C	1.3	0.057	1.0	2.3		
Sodium	6010C	130	10.2	1.0	149		
Thallium	6010C	1.3	0.652	1.0	1.3	U	
Vanadium	6010C	6.5	0.088	1.0	15.9		
Zinc	6010C	52.0	3.2	20.0	3720		N

% Solids: 76.9

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	104-18
Project No.:	R1613206	**Date Collected:**	12/14/2016
Project Name:		**Date Received:**	12/15/2016
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **105-1** **Lab Code:** **R1613206-008**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	126	45.8	10.0	5320		
Antimony	6010C	7.6	0.213	1.0	15.9		
Arsenic	6010C	1.3	0.209	1.0	5.2		
Barium	6010C	2.5	0.131	1.0	331		
Beryllium	6010C	0.379	0.015	1.0	0.126	J	
Cadmium	6010C	0.631	0.034	1.0	12.8		
Mercury	7471B	0.415	0.037	10.0	2.3		
Calcium	6010C	637	84.9	5.0	36700		
Chromium	6010C	1.3	0.051	1.0	42.4		N
Cobalt	6010C	6.3	0.051	1.0	24.2		E
Copper	6010C	25.2	1.4	10.0	664		
Iron	6010C	126	10.7	10.0	46200		
Lead	6010C	6.3	0.181	1.0	621		N
Magnesium	6010C	126	1.9	1.0	2170		
Manganese	6010C	1.3	0.058	1.0	298		N
Nickel	6010C	5.1	0.161	1.0	87.9		
Potassium	6010C	252	5.1	1.0	317		
Selenium	6010C	1.3	0.745	1.0	1.2	J	
Silver	6010C	1.3	0.055	1.0	4.4		
Sodium	6010C	126	9.9	1.0	88.3	J	
Thallium	6010C	1.3	0.632	1.0	1.3	U	
Vanadium	6010C	6.3	0.085	1.0	12.7		
Zinc	6010C	25.2	1.6	10.0	2020		N

% Solids: **77.7**

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	104-18
Project No.:	R1613206	**Date Collected:**	12/15/2016
Project Name:		**Date Received:**	12/15/2016
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **104-8** **Lab Code:** **R1613206-009**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	542	197	40.0	9610		
Antimony	6010C	8.1	0.228	1.0	69.9		
Arsenic	6010C	1.4	0.224	1.0	17.3		
Barium	6010C	2.7	0.141	1.0	2170		
Beryllium	6010C	0.406	0.016	1.0	0.190	J	
Cadmium	6010C	0.677	0.036	1.0	42.9		
Mercury	7471B	0.434	0.038	10.0	4.8		
Calcium	6010C	132	17.5	1.0	30800		
Chromium	6010C	1.4	0.055	1.0	133		N
Cobalt	6010C	6.8	0.055	1.0	49.6		E
Copper	6010C	108	6.0	40.0	2110		
Iron	6010C	542	46.1	40.0	172000		
Lead	6010C	271	7.8	40.0	2860		N
Magnesium	6010C	135	2.0	1.0	10500		
Manganese	6010C	1.4	0.062	1.0	773		N
Nickel	6010C	5.3	0.166	1.0	789		
Potassium	6010C	271	5.5	1.0	614		
Selenium	6010C	1.4	0.800	1.0	2.7		
Silver	6010C	1.4	0.059	1.0	4.1		
Sodium	6010C	135	10.6	1.0	982		
Thallium	6010C	1.4	0.679	1.0	1.4	U	
Vanadium	6010C	6.8	0.091	1.0	17.2		
Zinc	6010C	108	6.7	40.0	8490		N

% Solids: **73.1**

Comments:

General Chemistry

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-18	**Basis:**	Dry
Lab Code:	R1613206-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.11 U	mg/Kg	0.11	0.02	1	12/29/16 15:01	12/27/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-18	**Basis:**	As Received
Lab Code:	R1613206-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**78.6**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 10:15
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-19	**Basis:**	Dry
Lab Code:	R1613206-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.08 J**	mg/Kg	0.11	0.02	1	12/29/16 15:03	12/27/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 10:15
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-19	**Basis:**	As Received
Lab Code:	R1613206-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**84.2**	Percent	-	-	1	12/27/16 11:05	NA	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:40
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-3	**Basis:**	Dry
Lab Code:	R1613206-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.050 J**	mg/Kg	0.099	0.015	1	12/29/16 15:04	12/27/16	*

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:40
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-3	**Basis:**	As Received
Lab Code:	R1613206-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**88.2**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-8	**Basis:**	Dry
Lab Code:	R1613206-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.73**	mg/Kg	0.10	0.02	1	12/29/16 15:05	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:35
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-8	**Basis:**	As Received
Lab Code:	R1613206-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**88.1**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:45
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-2	**Basis:**	Dry
Lab Code:	R1613206-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.04 J**	mg/Kg	0.12	0.02	1	12/29/16 15:06	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:45
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-2	**Basis:**	As Received
Lab Code:	R1613206-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**76.7**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-17	**Basis:**	Dry
Lab Code:	R1613206-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.02 J**	mg/Kg	0.10	0.02	1	12/29/16 15:07	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 09:55
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	103-17	**Basis:**	As Received
Lab Code:	R1613206-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**81.0**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	102-2	**Basis:**	Dry
Lab Code:	R1613206-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.11 U	mg/Kg	0.11	0.02	1	12/29/16 15:07	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 14:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	102-2	**Basis:**	As Received
Lab Code:	R1613206-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**76.9**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-1	**Basis:**	Dry
Lab Code:	R1613206-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.21**	mg/Kg	0.12	0.02	1	12/29/16 15:08	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 13:30
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	105-1	**Basis:**	As Received
Lab Code:	R1613206-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**77.7**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:05
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-8	**Basis:**	Dry
Lab Code:	R1613206-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.09 J**	mg/Kg	0.11	0.02	1	12/29/16 15:10	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16 11:05
Sample Matrix:	Soil	**Date Received:**	12/15/16 19:00
Sample Name:	104-8	**Basis:**	As Received
Lab Code:	R1613206-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**73.1**	Percent	-	-	1	12/27/16 11:05	NA	

QC Summary Forms

ALS Environmental—Rochester Laboratory
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Volatile Organic Compounds by GC/MS

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613206
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Extraction Method: EPA 5035A

Sample Name	Lab Code	4-Bromofluorobenzene 51 - 136	Dibromofluoromethane 63 - 138	Toluene-d8 66 - 138
104-18	R1613206-001	106	103	109
103-19	R1613206-002	99	100	105
105-3	R1613206-003	108	101	107
105-8	R1613206-004	105	97	105
103-2	R1613206-005	110	78	104
103-17	R1613206-006	107	102	108
102-2	R1613206-007	84	97	101
105-1	R1613206-008	80	98	102
Lab Control Sample	RQ1615384-03	107	105	105
Method Blank	RQ1615384-04	106	98	104
104-18 MS	RQ1615384-05	107	104	108
104-18 DMS	RQ1615384-06	110	107	109
Lab Control Sample	RQ1615582-03	110	110	110
Method Blank	RQ1615582-11	104	104	105
Lab Control Sample	RQ1615774-03	106	96	103
Method Blank	RQ1615774-04	104	91	103

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16
Sample Matrix:	Soil	**Date Received:**	12/15/16
		Date Analyzed:	12/19/16
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry
Analysis Method:	8260C		
Prep Method:	EPA 5035A		

		Matrix Spike			Duplicate Matrix Spike					
		RQ1615384-05			RQ1615384-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	6.0 U	59.7	60.4	99	72.4	61.7	117	51-132	17	30
1,1,2,2-Tetrachloroethane	6.0 U	52.7	60.4	87	58.0	61.7	94	53-134	8	30
1,1,2-Trichloroethane	6.0 U	55.4	60.4	92	60.8	61.7	99	62-126	7	30
1,1,2-Trichloro-1,2,2-trifluoroethane	6.0 U	58.2	60.4	96	71.1	61.7	115	45-136	18	30
1,1-Dichloroethane (1,1-DCA)	6.0 U	59.8	60.4	99	69.7	61.7	113	53-131	13	30
1,1-Dichloroethene (1,1-DCE)	6.0 U	58.3	60.4	96	72.1	61.7	117	61-139	20	30
1,2,3-Trichlorobenzene	6.0 U	31.4	60.4	52	36.9	61.7	60	10-179	14	30
1,2,4-Trichlorobenzene	6.0 U	29.8	60.4	49	33.1	61.7	54	10-179	10	30
1,2-Dibromo-3-chloropropane (DBCP)	6.0 U	55.5	60.4	92	64.2	61.7	104	27-163	12	30
1,2-Dibromoethane	6.0 U	52.4	60.4	87	58.1	61.7	94	52-137	8	30
1,2-Dichlorobenzene	6.0 U	37.9	60.4	63	40.3	61.7	65	22-156	3	30
1,2-Dichloroethane	6.0 U	54.9	60.4	91	61.5	61.7	100	59-125	9	30
1,2-Dichloropropane	6.0 U	53.4	60.4	88	62.5	61.7	101	67-126	14	30
1,3-Dichlorobenzene	6.0 U	36.3	60.4	60	38.0	61.7	62	29-146	3	30
1,4-Dichlorobenzene	6.0 U	35.2	60.4	58	36.7	61.7	59	10-172	2	30
1,4-Dioxane	120 U	1560	1210	129	1550	1230	125	50-148	3	30
2-Butanone (MEK)	6.9	83.4	60.4	127	67.9	61.7	99	43-134	25	30
2-Hexanone	6.0 U	63.1	60.4	104	65.9	61.7	107	37-146	3	30
4-Methyl-2-pentanone	6.0 U	67.8	60.4	112	72.7	61.7	118	47-145	5	30
Acetone	140	432	60.4	481 *	109	61.7	-51 *	11-183	247*	30
Benzene	0.60 J	54.2	60.4	89	64.7	61.7	104	63-126	16	30
Bromochloromethane	6.0 U	55.8	60.4	92	63.1	61.7	102	60-119	10	30
Bromodichloromethane	6.0 U	49.4	60.4	82	58.9	61.7	95	47-141	15	30
Bromoform	6.0 U	50.1	60.4	83	56.5	61.7	92	26-157	10	30
Bromomethane	6.0 U	56.3	60.4	93	61.4	61.7	100	10-137	7	30
Carbon Disulfide	6.0 U	43.6	60.4	72	55.0	61.7	89	35-135	21	30
Carbon Tetrachloride	6.0 U	53.5	60.4	89	68.8	61.7	112	46-137	23	30
Chlorobenzene	6.0 U	44.1	60.4	73	47.6	61.7	77	51-132	5	30
Chloroethane	6.0 U	53.0	60.4	88	65.6	61.7	106	45-132	19	30
Chloroform	6.0 U	56.3	60.4	93	66.0	61.7	107	61-124	14	30
Chloromethane	6.0 U	47.8	60.4	79	59.0	61.7	96	50-136	19	30
Cyclohexane	6.0 U	57.1	60.4	94	71.6	61.7	116	40-142	21	30
Dibromochloromethane	6.0 U	49.2	60.4	81	56.8	61.7	92	40-146	13	30
Dichlorodifluoromethane (CFC 12)	6.0 U	41.8	60.4	69	53.6	61.7	87	44-138	23	30
Dichloromethane	6.0 U	55.7	60.4	92	64.4	61.7	104	64-120	12	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16
Sample Matrix:	Soil	**Date Received:**	12/15/16
		Date Analyzed:	12/19/16
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry
Analysis Method:	8260C		
Prep Method:	EPA 5035A		

		Matrix Spike RQ1615384-05			Duplicate Matrix Spike RQ1615384-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Ethylbenzene	0.89 J	42.9	60.4	69	46.5	61.7	74	44-131	7	30
Isopropylbenzene (Cumene)	6.0 U	42.9	60.4	71	45.8	61.7	74	36-148	4	30
Methyl Acetate	3.5 J	89.1	60.4	142	82.9	61.7	129	34-173	10	30
Methyl tert-Butyl Ether	6.0 U	61.3	60.4	101	65.8	61.7	107	62-130	6	30
Methylcyclohexane	6.0 U	52.3	60.4	86	66.6	61.7	108	33-148	23	30
Styrene	6.0 U	41.9	60.4	69	44.9	61.7	73	39-149	6	30
Tetrachloroethene (PCE)	6.0 U	43.9	60.4	73	49.9	61.7	81	45-141	10	30
Toluene	6.0 U	48.9	60.4	81	55.8	61.7	90	50-140	11	30
Trichloroethene (TCE)	6.0 U	51.9	60.4	86	60.7	61.7	98	54-136	13	30
Trichlorofluoromethane (CFC 11)	6.0 U	59.6	60.4	99	74.0	61.7	120	47-129	19	30
Vinyl Chloride	6.0 U	55.6	60.4	92	70.9	61.7	115	53-128	22	30
cis-1,2-Dichloroethene	6.0 U	58.7	60.4	97	67.9	61.7	110	56-126	13	30
cis-1,3-Dichloropropene	6.0 U	47.6	60.4	79	56.1	61.7	91	31-150	14	30
m,p-Xylenes	12 U	85.0	121	70	90.7	123	73	45-141	4	30
o-Xylene	0.83 J	43.8	60.4	71	46.3	61.7	74	46-139	4	30
trans-1,2-Dichloroethene	6.0 U	55.7	60.4	92	66.5	61.7	108	52-128	16	30
trans-1,3-Dichloropropene	6.0 U	47.6	60.4	79	56.8	61.7	92	23-160	15	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615384-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.73	1	12/19/16 14:02	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.81	1	12/19/16 14:02	
1,1,2-Trichloroethane	5.0 U	5.0	0.73	1	12/19/16 14:02	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1.3	1	12/19/16 14:02	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1.3	1	12/19/16 14:02	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.3	1	12/19/16 14:02	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.62	1	12/19/16 14:02	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.59	1	12/19/16 14:02	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.9	1	12/19/16 14:02	
1,2-Dibromoethane	5.0 U	5.0	1.3	1	12/19/16 14:02	
1,2-Dichlorobenzene	5.0 U	5.0	0.61	1	12/19/16 14:02	
1,2-Dichloroethane	5.0 U	5.0	0.61	1	12/19/16 14:02	
1,2-Dichloropropane	5.0 U	5.0	0.97	1	12/19/16 14:02	
1,3-Dichlorobenzene	5.0 U	5.0	0.63	1	12/19/16 14:02	
1,4-Dichlorobenzene	5.0 U	5.0	0.56	1	12/19/16 14:02	
1,4-Dioxane	100 U	100	20	1	12/19/16 14:02	
2-Butanone (MEK)	5.0 U	5.0	2.3	1	12/19/16 14:02	
2-Hexanone	5.0 U	5.0	1.3	1	12/19/16 14:02	
4-Methyl-2-pentanone	5.0 U	5.0	0.98	1	12/19/16 14:02	
Acetone	5.0 U	5.0	2.9	1	12/19/16 14:02	
Benzene	5.0 U	5.0	0.29	1	12/19/16 14:02	
Bromochloromethane	5.0 U	5.0	1.4	1	12/19/16 14:02	
Bromodichloromethane	5.0 U	5.0	0.61	1	12/19/16 14:02	
Bromoform	5.0 U	5.0	0.93	1	12/19/16 14:02	
Bromomethane	5.0 U	5.0	1.4	1	12/19/16 14:02	
Carbon Disulfide	5.0 U	5.0	1.3	1	12/19/16 14:02	
Carbon Tetrachloride	5.0 U	5.0	0.92	1	12/19/16 14:02	
Chlorobenzene	5.0 U	5.0	0.29	1	12/19/16 14:02	
Chloroethane	5.0 U	5.0	2.9	1	12/19/16 14:02	
Chloroform	5.0 U	5.0	1.3	1	12/19/16 14:02	
Chloromethane	5.0 U	5.0	0.40	1	12/19/16 14:02	
Cyclohexane	5.0 U	5.0	1.4	1	12/19/16 14:02	
Dibromochloromethane	5.0 U	5.0	0.73	1	12/19/16 14:02	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1.9	1	12/19/16 14:02	
Dichloromethane	5.0 U	5.0	0.57	1	12/19/16 14:02	
Ethylbenzene	5.0 U	5.0	0.23	1	12/19/16 14:02	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.67	1	12/19/16 14:02	
Methyl Acetate	5.0 U	5.0	1.8	1	12/19/16 14:02	
Methyl tert-Butyl Ether	5.0 U	5.0	0.94	1	12/19/16 14:02	
Methylcyclohexane	5.0 U	5.0	1.2	1	12/19/16 14:02	
Styrene	5.0 U	5.0	0.30	1	12/19/16 14:02	
Tetrachloroethene (PCE)	5.0 U	5.0	0.88	1	12/19/16 14:02	
Toluene	5.0 U	5.0	1.0	1	12/19/16 14:02	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615384-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1.1	1	12/19/16 14:02	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.66	1	12/19/16 14:02	
Vinyl Chloride	5.0 U	5.0	1.9	1	12/19/16 14:02	
cis-1,2-Dichloroethene	5.0 U	5.0	0.95	1	12/19/16 14:02	
cis-1,3-Dichloropropene	5.0 U	5.0	0.90	1	12/19/16 14:02	
m,p-Xylenes	10 U	10	1.1	1	12/19/16 14:02	
o-Xylene	5.0 U	5.0	0.48	1	12/19/16 14:02	
trans-1,2-Dichloroethene	5.0 U	5.0	0.86	1	12/19/16 14:02	
trans-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/19/16 14:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	51 - 136	12/19/16 14:02	
Dibromofluoromethane	98	63 - 138	12/19/16 14:02	
Toluene-d8	104	66 - 138	12/19/16 14:02	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615582-11	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.73	1	12/20/16 16:01	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.81	1	12/20/16 16:01	
1,1,2-Trichloroethane	5.0 U	5.0	0.73	1	12/20/16 16:01	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1.3	1	12/20/16 16:01	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1.3	1	12/20/16 16:01	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.3	1	12/20/16 16:01	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.62	1	12/20/16 16:01	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.59	1	12/20/16 16:01	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.9	1	12/20/16 16:01	
1,2-Dibromoethane	5.0 U	5.0	1.3	1	12/20/16 16:01	
1,2-Dichlorobenzene	5.0 U	5.0	0.61	1	12/20/16 16:01	
1,2-Dichloroethane	5.0 U	5.0	0.61	1	12/20/16 16:01	
1,2-Dichloropropane	5.0 U	5.0	0.97	1	12/20/16 16:01	
1,3-Dichlorobenzene	5.0 U	5.0	0.63	1	12/20/16 16:01	
1,4-Dichlorobenzene	5.0 U	5.0	0.56	1	12/20/16 16:01	
1,4-Dioxane	100 U	100	20	1	12/20/16 16:01	
2-Butanone (MEK)	5.0 U	5.0	2.3	1	12/20/16 16:01	
2-Hexanone	5.0 U	5.0	1.3	1	12/20/16 16:01	
4-Methyl-2-pentanone	5.0 U	5.0	0.98	1	12/20/16 16:01	
Acetone	5.0 U	5.0	2.9	1	12/20/16 16:01	
Benzene	5.0 U	5.0	0.29	1	12/20/16 16:01	
Bromochloromethane	5.0 U	5.0	1.4	1	12/20/16 16:01	
Bromodichloromethane	5.0 U	5.0	0.61	1	12/20/16 16:01	
Bromoform	5.0 U	5.0	0.93	1	12/20/16 16:01	
Bromomethane	5.0 U	5.0	1.4	1	12/20/16 16:01	
Carbon Disulfide	5.0 U	5.0	1.3	1	12/20/16 16:01	
Carbon Tetrachloride	5.0 U	5.0	0.92	1	12/20/16 16:01	
Chlorobenzene	5.0 U	5.0	0.29	1	12/20/16 16:01	
Chloroethane	5.0 U	5.0	2.9	1	12/20/16 16:01	
Chloroform	5.0 U	5.0	1.3	1	12/20/16 16:01	
Chloromethane	5.0 U	5.0	0.40	1	12/20/16 16:01	
Cyclohexane	5.0 U	5.0	1.4	1	12/20/16 16:01	
Dibromochloromethane	5.0 U	5.0	0.73	1	12/20/16 16:01	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1.9	1	12/20/16 16:01	
Dichloromethane	5.0 U	5.0	0.57	1	12/20/16 16:01	
Ethylbenzene	5.0 U	5.0	0.23	1	12/20/16 16:01	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.67	1	12/20/16 16:01	
Methyl Acetate	5.0 U	5.0	1.8	1	12/20/16 16:01	
Methyl tert-Butyl Ether	5.0 U	5.0	0.94	1	12/20/16 16:01	
Methylcyclohexane	5.0 U	5.0	1.2	1	12/20/16 16:01	
Styrene	5.0 U	5.0	0.30	1	12/20/16 16:01	
Tetrachloroethene (PCE)	5.0 U	5.0	0.88	1	12/20/16 16:01	
Toluene	5.0 U	5.0	1.0	1	12/20/16 16:01	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615582-11	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1.1	1	12/20/16 16:01	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.66	1	12/20/16 16:01	
Vinyl Chloride	5.0 U	5.0	1.9	1	12/20/16 16:01	
cis-1,2-Dichloroethene	5.0 U	5.0	0.95	1	12/20/16 16:01	
cis-1,3-Dichloropropene	5.0 U	5.0	0.90	1	12/20/16 16:01	
m,p-Xylenes	10 U	10	1.1	1	12/20/16 16:01	
o-Xylene	5.0 U	5.0	0.48	1	12/20/16 16:01	
trans-1,2-Dichloroethene	5.0 U	5.0	0.86	1	12/20/16 16:01	
trans-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/20/16 16:01	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	51 - 136	12/20/16 16:01	
Dibromofluoromethane	104	63 - 138	12/20/16 16:01	
Toluene-d8	105	66 - 138	12/20/16 16:01	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615774-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	250 U	250	37	50	12/22/16 10:45	
1,1,2,2-Tetrachloroethane	250 U	250	41	50	12/22/16 10:45	
1,1,2-Trichloroethane	250 U	250	37	50	12/22/16 10:45	
1,1,2-Trichloro-1,2,2-trifluoroethane	250 U	250	62	50	12/22/16 10:45	
1,1-Dichloroethane (1,1-DCA)	250 U	250	63	50	12/22/16 10:45	
1,1-Dichloroethene (1,1-DCE)	250 U	250	64	50	12/22/16 10:45	
1,2,3-Trichlorobenzene	250 U	250	31	50	12/22/16 10:45	
1,2,4-Trichlorobenzene	250 U	250	30	50	12/22/16 10:45	
1,2-Dibromo-3-chloropropane (DBCP)	250 U	250	94	50	12/22/16 10:45	
1,2-Dibromoethane	250 U	250	61	50	12/22/16 10:45	
1,2-Dichlorobenzene	250 U	250	31	50	12/22/16 10:45	
1,2-Dichloroethane	250 U	250	31	50	12/22/16 10:45	
1,2-Dichloropropane	250 U	250	49	50	12/22/16 10:45	
1,3-Dichlorobenzene	250 U	250	32	50	12/22/16 10:45	
1,4-Dichlorobenzene	250 U	250	28	50	12/22/16 10:45	
1,4-Dioxane	5000 U	5000	960	50	12/22/16 10:45	
2-Butanone (MEK)	250 U	250	120	50	12/22/16 10:45	
2-Hexanone	250 U	250	61	50	12/22/16 10:45	
4-Methyl-2-pentanone	250 U	250	49	50	12/22/16 10:45	
Acetone	250 U	250	150	50	12/22/16 10:45	
Benzene	250 U	250	15	50	12/22/16 10:45	
Bromochloromethane	250 U	250	68	50	12/22/16 10:45	
Bromodichloromethane	250 U	250	31	50	12/22/16 10:45	
Bromoform	250 U	250	47	50	12/22/16 10:45	
Bromomethane	250 U	250	69	50	12/22/16 10:45	
Carbon Disulfide	250 U	250	62	50	12/22/16 10:45	
Carbon Tetrachloride	250 U	250	46	50	12/22/16 10:45	
Chlorobenzene	250 U	250	15	50	12/22/16 10:45	
Chloroethane	250 U	250	150	50	12/22/16 10:45	
Chloroform	250 U	250	63	50	12/22/16 10:45	
Chloromethane	**23 J**	250	20	50	12/22/16 10:45	
Cyclohexane	250 U	250	69	50	12/22/16 10:45	
Dibromochloromethane	250 U	250	37	50	12/22/16 10:45	
Dichlorodifluoromethane (CFC 12)	250 U	250	95	50	12/22/16 10:45	
Dichloromethane	250 U	250	29	50	12/22/16 10:45	
Ethylbenzene	250 U	250	12	50	12/22/16 10:45	
Isopropylbenzene (Cumene)	250 U	250	34	50	12/22/16 10:45	
Methyl Acetate	250 U	250	88	50	12/22/16 10:45	
Methyl tert-Butyl Ether	250 U	250	47	50	12/22/16 10:45	
Methylcyclohexane	250 U	250	60	50	12/22/16 10:45	
Styrene	250 U	250	15	50	12/22/16 10:45	
Tetrachloroethene (PCE)	250 U	250	44	50	12/22/16 10:45	
Toluene	250 U	250	50	50	12/22/16 10:45	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615774-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	250 U	250	51	50	12/22/16 10:45	
Trichlorofluoromethane (CFC 11)	250 U	250	33	50	12/22/16 10:45	
Vinyl Chloride	250 U	250	92	50	12/22/16 10:45	
cis-1,2-Dichloroethene	250 U	250	48	50	12/22/16 10:45	
cis-1,3-Dichloropropene	250 U	250	45	50	12/22/16 10:45	
m,p-Xylenes	500 U	500	55	50	12/22/16 10:45	
o-Xylene	250 U	250	24	50	12/22/16 10:45	
trans-1,2-Dichloroethene	250 U	250	43	50	12/22/16 10:45	
trans-1,3-Dichloropropene	250 U	250	10	50	12/22/16 10:45	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	51 - 136	12/22/16 10:45	
Dibromofluoromethane	91	63 - 138	12/22/16 10:45	
Toluene-d8	103	66 - 138	12/22/16 10:45	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/19/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615384-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	15.8	20.0	79	40-140
1,1,2,2-Tetrachloroethane	8260C	18.0	20.0	90	40-140
1,1,2-Trichloroethane	8260C	18.5	20.0	92	40-140
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	12.4	20.0	62	40-140
1,1-Dichloroethane (1,1-DCA)	8260C	18.1	20.0	91	40-140
1,1-Dichloroethene (1,1-DCE)	8260C	15.9	20.0	79	40-140
1,2,3-Trichlorobenzene	8260C	18.2	20.0	91	40-140
1,2,4-Trichlorobenzene	8260C	18.5	20.0	92	40-140
1,2-Dibromo-3-chloropropane (DBCP)	8260C	18.0	20.0	90	40-140
1,2-Dibromoethane	8260C	19.0	20.0	95	40-140
1,2-Dichlorobenzene	8260C	18.6	20.0	93	40-140
1,2-Dichloroethane	8260C	19.0	20.0	95	40-140
1,2-Dichloropropane	8260C	18.9	20.0	95	40-140
1,3-Dichlorobenzene	8260C	18.9	20.0	95	40-140
1,4-Dichlorobenzene	8260C	18.9	20.0	95	40-140
1,4-Dioxane	8260C	390	400	97	40-140
2-Butanone (MEK)	8260C	17.6	20.0	88	40-140
2-Hexanone	8260C	18.8	20.0	94	40-140
4-Methyl-2-pentanone	8260C	19.3	20.0	96	40-140
Acetone	8260C	21.7	20.0	108	40-140
Benzene	8260C	18.7	20.0	93	40-140
Bromochloromethane	8260C	19.2	20.0	96	40-140
Bromodichloromethane	8260C	18.6	20.0	93	40-140
Bromoform	8260C	18.7	20.0	93	40-140
Bromomethane	8260C	18.0	20.0	90	40-140
Carbon Disulfide	8260C	17.5	20.0	88	40-140
Carbon Tetrachloride	8260C	15.3	20.0	77	40-140
Chlorobenzene	8260C	18.5	20.0	92	40-140
Chloroethane	8260C	16.7	20.0	84	40-140
Chloroform	8260C	18.1	20.0	91	40-140
Chloromethane	8260C	16.5	20.0	82	40-140
Cyclohexane	8260C	15.2	20.0	76	40-140
Dibromochloromethane	8260C	18.6	20.0	93	40-140

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/19/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615384-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	13.0	20.0	65	40-140
Dichloromethane	8260C	19.0	20.0	95	40-140
Ethylbenzene	8260C	16.7	20.0	84	40-140
Isopropylbenzene (Cumene)	8260C	16.4	20.0	82	40-140
Methyl Acetate	8260C	17.9	20.0	90	40-140
Methyl tert-Butyl Ether	8260C	18.6	20.0	93	40-140
Methylcyclohexane	8260C	15.8	20.0	79	40-140
Styrene	8260C	18.5	20.0	93	40-140
Tetrachloroethene (PCE)	8260C	14.9	20.0	74	40-140
Toluene	8260C	17.5	20.0	87	40-140
Trichloroethene (TCE)	8260C	17.6	20.0	88	40-140
Trichlorofluoromethane (CFC 11)	8260C	14.7	20.0	73	40-140
Vinyl Chloride	8260C	17.0	20.0	85	40-140
cis-1,2-Dichloroethene	8260C	19.6	20.0	98	40-140
cis-1,3-Dichloropropene	8260C	18.6	20.0	93	40-140
m,p-Xylenes	8260C	34.2	40.0	86	40-140
o-Xylene	8260C	17.9	20.0	89	40-140
trans-1,2-Dichloroethene	8260C	17.9	20.0	89	40-140
trans-1,3-Dichloropropene	8260C	18.8	20.0	94	40-140

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/20/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615582-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	16.3	20.0	81	40-140
1,1,2,2-Tetrachloroethane	8260C	19.2	20.0	96	40-140
1,1,2-Trichloroethane	8260C	18.2	20.0	91	40-140
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	14.0	20.0	70	40-140
1,1-Dichloroethane (1,1-DCA)	8260C	17.9	20.0	89	40-140
1,1-Dichloroethene (1,1-DCE)	8260C	17.4	20.0	87	40-140
1,2,3-Trichlorobenzene	8260C	17.0	20.0	85	40-140
1,2,4-Trichlorobenzene	8260C	17.2	20.0	86	40-140
1,2-Dibromo-3-chloropropane (DBCP)	8260C	19.4	20.0	97	40-140
1,2-Dibromoethane	8260C	19.4	20.0	97	40-140
1,2-Dichlorobenzene	8260C	17.9	20.0	89	40-140
1,2-Dichloroethane	8260C	18.7	20.0	93	40-140
1,2-Dichloropropane	8260C	18.4	20.0	92	40-140
1,3-Dichlorobenzene	8260C	18.1	20.0	90	40-140
1,4-Dichlorobenzene	8260C	18.0	20.0	90	40-140
1,4-Dioxane	8260C	394	400	99	40-140
2-Butanone (MEK)	8260C	16.9	20.0	85	40-140
2-Hexanone	8260C	19.7	20.0	98	40-140
4-Methyl-2-pentanone	8260C	19.5	20.0	98	40-140
Acetone	8260C	17.1	20.0	86	40-140
Benzene	8260C	18.5	20.0	92	40-140
Bromochloromethane	8260C	18.9	20.0	94	40-140
Bromodichloromethane	8260C	17.7	20.0	88	40-140
Bromoform	8260C	18.5	20.0	92	40-140
Bromomethane	8260C	16.4	20.0	82	40-140
Carbon Disulfide	8260C	14.3	20.0	71	40-140
Carbon Tetrachloride	8260C	15.8	20.0	79	40-140
Chlorobenzene	8260C	17.9	20.0	90	40-140
Chloroethane	8260C	17.5	20.0	87	40-140
Chloroform	8260C	18.0	20.0	90	40-140
Chloromethane	8260C	16.3	20.0	81	40-140
Cyclohexane	8260C	21.0	20.0	105	40-140
Dibromochloromethane	8260C	18.3	20.0	91	40-140

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/20/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615582-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	14.1	20.0	71	40-140
Dichloromethane	8260C	18.4	20.0	92	40-140
Ethylbenzene	8260C	16.6	20.0	83	40-140
Isopropylbenzene (Cumene)	8260C	16.0	20.0	80	40-140
Methyl Acetate	8260C	18.9	20.0	95	40-140
Methyl tert-Butyl Ether	8260C	18.5	20.0	93	40-140
Methylcyclohexane	8260C	20.8	20.0	104	40-140
Styrene	8260C	17.7	20.0	88	40-140
Tetrachloroethene (PCE)	8260C	15.5	20.0	78	40-140
Toluene	8260C	17.0	20.0	85	40-140
Trichloroethene (TCE)	8260C	17.3	20.0	87	40-140
Trichlorofluoromethane (CFC 11)	8260C	16.7	20.0	84	40-140
Vinyl Chloride	8260C	18.0	20.0	90	40-140
cis-1,2-Dichloroethene	8260C	18.8	20.0	94	40-140
cis-1,3-Dichloropropene	8260C	18.0	20.0	90	40-140
m,p-Xylenes	8260C	33.7	40.0	84	40-140
o-Xylene	8260C	17.0	20.0	85	40-140
trans-1,2-Dichloroethene	8260C	17.9	20.0	89	40-140
trans-1,3-Dichloropropene	8260C	18.0	20.0	90	40-140

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/22/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615774-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	21.4	20.0	107	40-140
1,1,2,2-Tetrachloroethane	8260C	20.2	20.0	101	40-140
1,1,2-Trichloroethane	8260C	20.7	20.0	104	40-140
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	19.4	20.0	97	40-140
1,1-Dichloroethane (1,1-DCA)	8260C	22.9	20.0	114	40-140
1,1-Dichloroethene (1,1-DCE)	8260C	21.0	20.0	105	40-140
1,2,3-Trichlorobenzene	8260C	18.3	20.0	92	40-140
1,2,4-Trichlorobenzene	8260C	19.7	20.0	99	40-140
1,2-Dibromo-3-chloropropane (DBCP)	8260C	17.3	20.0	86	40-140
1,2-Dibromoethane	8260C	17.2	20.0	86	40-140
1,2-Dichlorobenzene	8260C	21.2	20.0	106	40-140
1,2-Dichloroethane	8260C	24.9	20.0	125	40-140
1,2-Dichloropropane	8260C	21.6	20.0	108	40-140
1,3-Dichlorobenzene	8260C	21.7	20.0	108	40-140
1,4-Dichlorobenzene	8260C	21.5	20.0	107	40-140
1,4-Dioxane	8260C	347	400	87	40-140
2-Butanone (MEK)	8260C	21.4	20.0	107	40-140
2-Hexanone	8260C	19.2	20.0	96	40-140
4-Methyl-2-pentanone	8260C	21.3	20.0	106	40-140
Acetone	8260C	20.7	20.0	103	40-140
Benzene	8260C	25.2	20.0	126	40-140
Bromochloromethane	8260C	20.7	20.0	103	40-140
Bromodichloromethane	8260C	19.5	20.0	97	40-140
Bromoform	8260C	16.2	20.0	81	40-140
Bromomethane	8260C	16.0	20.0	80	40-140
Carbon Disulfide	8260C	17.5	20.0	87	40-140
Carbon Tetrachloride	8260C	20.3	20.0	102	40-140
Chlorobenzene	8260C	20.8	20.0	104	40-140
Chloroethane	8260C	17.7	20.0	89	40-140
Chloroform	8260C	20.8	20.0	104	40-140
Chloromethane	8260C	22.9	20.0	114	40-140
Cyclohexane	8260C	21.4	20.0	107	40-140
Dibromochloromethane	8260C	17.7	20.0	89	40-140

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/22/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615774-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	19.3	20.0	96	40-140
Dichloromethane	8260C	22.7	20.0	113	40-140
Ethylbenzene	8260C	18.9	20.0	95	40-140
Isopropylbenzene (Cumene)	8260C	19.2	20.0	96	40-140
Methyl Acetate	8260C	19.1	20.0	96	40-140
Methyl tert-Butyl Ether	8260C	20.2	20.0	101	40-140
Methylcyclohexane	8260C	22.9	20.0	115	40-140
Styrene	8260C	19.3	20.0	96	40-140
Tetrachloroethene (PCE)	8260C	17.7	20.0	89	40-140
Toluene	8260C	21.2	20.0	106	40-140
Trichloroethene (TCE)	8260C	21.4	20.0	107	40-140
Trichlorofluoromethane (CFC 11)	8260C	19.7	20.0	99	40-140
Vinyl Chloride	8260C	22.8	20.0	114	40-140
cis-1,2-Dichloroethene	8260C	21.0	20.0	105	40-140
cis-1,3-Dichloropropene	8260C	20.6	20.0	103	40-140
m,p-Xylenes	8260C	38.1	40.0	95	40-140
o-Xylene	8260C	18.9	20.0	95	40-140
trans-1,2-Dichloroethene	8260C	23.5	20.0	117	40-140
trans-1,3-Dichloropropene	8260C	19.3	20.0	96	40-140

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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www.alsglobal.com

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613206
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3541

Sample Name	Lab Code	2,4,6-Tribromophenol 13 - 128	2-Fluorobiphenyl 10 - 102	2-Fluorophenol 16 - 129
104-18	R1613206-001	20	15	14 *
104-18 RE	R1613206-001	5 *	5 *	5 *
103-19	R1613206-002	40	36	31
105-3	R1613206-003	38	36	36
105-8	R1613206-004	47	39	38
103-2	R1613206-005	0 *	0 *	0 *
103-17	R1613206-006	45	29	32
102-2	R1613206-007	0 *	0 *	0 *
105-1	R1613206-008	0 *	0 *	0 *
104-8	R1613206-009	0 *	0 *	0 *
Method Blank	RQ1615334-01	39	45	42
Lab Control Sample	RQ1615334-02	67	56	56
Duplicate Lab Control Sample	RQ1615334-03	47	41	40
104-18 MS	RQ1615334-04	34	19	22
104-18 DMS	RQ1615334-05	56	37	40
Method Blank	RQ1700019-01	41	46	41
Lab Control Sample	RQ1700019-02	54	46	42
Duplicate Lab Control Sample	RQ1700019-03	53	43	39
104-18 MS	RQ1700019-04	36	15	28
104-18 DMS	RQ1700019-05	32	18	26

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613206
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3541

Sample Name	Lab Code	Nitrobenzene-d5 10 - 95	Phenol-d6 10 - 145	Terphenyl-d14 16 - 126
104-18	R1613206-001	14	16	30
104-18 RE	R1613206-001	5 *	4 *	7 *
103-19	R1613206-002	32	33	48
105-3	R1613206-003	37	41	49
105-8	R1613206-004	37	42	66
103-2	R1613206-005	0 *	0 *	0 *
103-17	R1613206-006	31	36	57
102-2	R1613206-007	0 *	0 *	0 *
105-1	R1613206-008	0 *	0 *	0 *
104-8	R1613206-009	0 *	0 *	0 *
Method Blank	RQ1615334-01	42	48	57
Lab Control Sample	RQ1615334-02	55	62	75
Duplicate Lab Control Sample	RQ1615334-03	40	44	52
104-18 MS	RQ1615334-04	19	26	41
104-18 DMS	RQ1615334-05	36	47	63
Method Blank	RQ1700019-01	44	43	54
Lab Control Sample	RQ1700019-02	44	45	62
Duplicate Lab Control Sample	RQ1700019-03	42	43	63
104-18 MS	RQ1700019-04	21	40	40
104-18 DMS	RQ1700019-05	21	35	36

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16
Sample Matrix:	Soil	**Date Received:**	12/15/16
		Date Analyzed:	12/22/16
		Date Extracted:	12/19/16

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry
Analysis Method:	8270D		
Prep Method:	EPA 3541		

		Matrix Spike RQ1615334-04			**Duplicate Matrix Spike** RQ1615334-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	420 U	743	4240	18	1310	4250	31	10-101	55*	30
2,3,4,6-Tetrachlorophenol	420 U	1500	4240	35	2170	4250	51	11-125	36*	30
2,4,5-Trichlorophenol	420 U	1140	4240	27	2070	4250	49	19-103	58*	30
2,4,6-Trichlorophenol	420 U	1080	4240	25	1960	4250	46	13-149	58*	30
2,4-Dichlorophenol	420 U	1030	4240	24	1870	4250	44	16-98	58*	30
2,4-Dimethylphenol	420 U	1090	4240	26	2000	4250	47	10-98	59*	30
2,4-Dinitrophenol	2200 U	1440	4240	34	2620 J	4250	62	10-129	58*	30
2,4-Dinitrotoluene	420 U	1400	4240	33	2020	4250	48	13-127	36*	30
2,6-Dinitrotoluene	420 U	1180	4240	28	1910	4250	45	14-121	47*	30
2-Chloronaphthalene	420 U	816	4240	19	1530	4250	36	10-94	61*	30
2-Chlorophenol	420 U	1040	4240	25	1950	4250	46	14-99	61*	30
2-Methylnaphthalene	420 U	841	4240	20	1530	4250	36	10-90	58*	30
2-Methylphenol	420 U	1090	4240	26	1920	4250	45	14-99	56*	30
2-Nitroaniline	2200 U	1350	4240	32	2230 J	4250	53	19-109	49*	30
2-Nitrophenol	420 U	965	4240	23	1700	4250	40	10-90	55*	30
3,3'-Dichlorobenzidine	420 U	1730	4240	41	2440	4250	57	10-118	34*	30
3- and 4-Methylphenol Coelution	420 U	1070	4240	25	1960	4250	46	11-101	58*	30
3-Nitroaniline	2200 U	1290	4240	30	2070 J	4250	49	16-103	46*	30
4,6-Dinitro-2-methylphenol	2200 U	1330	4240	31	1930 J	4250	46	10-112	37*	30
4-Bromophenyl Phenyl Ether	420 U	1290	4240	30	2120	4250	50	13-112	48*	30
4-Chloro-3-methylphenol	420 U	1120	4240	26	2030	4250	48	18-110	58*	30
4-Chloroaniline	420 U	943	4240	22	1800	4250	42	10-91	62*	30
4-Chlorophenyl Phenyl Ether	420 U	1020	4240	24	1800	4250	42	11-104	55*	30
4-Nitroaniline	2200 U	1570	4240	37	2280 J	4250	54	17-114	37*	30
4-Nitrophenol	2200 U	1610	4240	38	2730 J	4250	64	11-131	52*	30
Acenaphthene	420 U	938	4240	22	1750	4250	41	12-99	60*	30
Acenaphthylene	420 U	957	4240	23	1760	4250	41	10-102	59*	30
Acetophenone	420 U	1620	8490	19	3010	8490	35	12-99	60*	30
Anthracene	420 U	1620	4240	38	2450	4250	58	15-116	41*	30
Atrazine	420 U	2250	4240	53	3220	4250	76	18-146	36*	30
Benz(a)anthracene	420 U	1810	4240	43	2680	4250	63	10-129	39*	30
Benzaldehyde	2200 U	1000	4240	24	1640 J	4250	39	10-200	49*	30
Benzo(a)pyrene	420 U	1830	4240	43	2670	4250	63	10-127	37*	30
Benzo(b)fluoranthene	420 U	1710	4240	40	2490	4250	59	14-128	37*	30
Benzo(g,h,i)perylene	420 U	2150	4240	51	3160	4250	74	10-132	38*	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16
Sample Matrix:	Soil	**Date Received:**	12/15/16
		Date Analyzed:	12/22/16
		Date Extracted:	12/19/16

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry
Analysis Method:	8270D		
Prep Method:	EPA 3541		

		Matrix Spike			**Duplicate Matrix Spike**					
		RQ1615334-04			RQ1615334-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	420 U	1720	4240	41	2580	4250	61	16-118	40*	30
Biphenyl	420 U	844	4240	20	1590	4250	37	10-99	61*	30
2,2'-Oxybis(1-chloropropane)	420 U	754	4240	18 *	1390	4250	33	21-142	59*	30
Bis(2-chloroethoxy)methane	420 U	976	4240	23	1810	4250	43	16-93	60*	30
Bis(2-chloroethyl) Ether	420 U	830	4240	20	1480	4250	35	18-130	56*	30
Bis(2-ethylhexyl) Phthalate	100 J	3710	4240	85	14900	4250	348 *	13-140	120*	30
Butyl Benzyl Phthalate	420 U	2010	4240	47	3180	4250	75	19-125	45*	30
Caprolactam	420 U	1250	4240	29	2020	4250	48	10-115	48*	30
Carbazole	420 U	1910	4240	45	2810	4250	66	21-118	38*	30
Chrysene	420 U	1780	4240	42	2600	4250	61	10-133	38*	30
Di-n-butyl Phthalate	420 U	2070	4240	49	2960	4250	70	19-128	35*	30
Di-n-octyl Phthalate	420 U	2550	4240	60	5260	4250	124	16-140	69*	30
Dibenz(a,h)anthracene	420 U	1840	4240	43	2720	4250	64	10-128	39*	30
Dibenzofuran	420 U	964	4240	23	1820	4250	43	13-99	62*	30
Diethyl Phthalate	420 U	1370	4240	32	2150	4250	51	17-117	44*	30
Dimethyl Phthalate	420 U	1320	4240	31	2190	4250	52	18-103	50*	30
Fluoranthene	420 U	1900	4240	45	2760	4250	65	10-149	37*	30
Fluorene	420 U	1120	4240	26	1900	4250	45	14-105	52*	30
Hexachlorobenzene	420 U	1470	4240	35	2240	4250	53	14-114	42*	30
Hexachlorobutadiene	420 U	667	4240	16	1020 J	4250	24	12-84	42*	30
Hexachlorocyclopentadiene	420 U	274	4240	6 *	321 J	4250	8 *	10-101	16	30
Hexachloroethane	420 U	482	4240	11 *	715 J	4250	17	16-114	39*	30
Indeno(1,2,3-cd)pyrene	420 U	2010	4240	47	2910	4250	69	10-129	36*	30
Isophorone	420 U	986	4240	23	1790	4250	42	15-95	58*	30
N-Nitrosodi-n-propylamine	420 U	942	4240	22	1700	4250	40	11-98	57*	30
N-Nitrosodiphenylamine	420 U	1630	4240	38	2570	4250	61	16-121	45*	30
Naphthalene	420 U	783	4240	18	1460	4250	34	10-83	61*	30
Nitrobenzene	420 U	849	4240	20	1560	4250	37	20-84	59*	30
Pentachlorophenol (PCP)	2200 U	2130	4240	50	2700 J	4250	64	10-127	23	30
Phenanthrene	420 U	1560	4240	37	2360	4250	56	10-137	41*	30
Phenol	420 U	1190	4240	28	2010	4250	47	10-109	51*	30
Pyrene	420 U	1760	4240	41	2630	4250	62	10-147	40*	30

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ALS Group USA, Corp.
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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16
Sample Matrix:	Soil	**Date Received:**	12/15/16
		Date Analyzed:	01/4/17
		Date Extracted:	01/3/17

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry
Analysis Method:	8270D		
Prep Method:	EPA 3541		

		Matrix Spike RQ1700019-04			Duplicate Matrix Spike RQ1700019-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	420 U	427	4240	10	515	4240	12	10-101	19	30
2,3,4,6-Tetrachlorophenol	420 U	1540	4240	36	1410	4240	33	11-125	9	30
2,4,5-Trichlorophenol	420 U	1240	4240	29	1200	4240	28	19-103	3	30
2,4,6-Trichlorophenol	420 U	1340	4240	32	1320	4240	31	13-149	2	30
2,4-Dichlorophenol	420 U	1370	4240	32	1350	4240	32	16-98	<1	30
2,4-Dimethylphenol	420 U	1820	4240	43	1590	4240	37	10-98	14	30
2,4-Dinitrophenol	2200 U	1120	4240	27	473 J	4240	11	10-129	82*	30
2,4-Dinitrotoluene	420 U	1680	4240	40	1460	4240	34	13-127	14	30
2,6-Dinitrotoluene	420 U	1490	4240	35	1380	4240	32	14-121	8	30
2-Chloronaphthalene	420 U	694	4240	16	793	4240	19	10-94	13	30
2-Chlorophenol	420 U	1270	4240	30	1260	4240	30	14-99	1	30
2-Methylnaphthalene	420 U	599	4240	14	737	4240	17	10-90	21	30
2-Methylphenol	420 U	1640	4240	39	1430	4240	34	14-99	13	30
2-Nitroaniline	2200 U	1960	4240	46	1700 J	4240	40	19-109	14	30
2-Nitrophenol	420 U	1020	4240	24	1090	4240	26	10-90	7	30
3,3'-Dichlorobenzidine	420 U	1680	4240	40	1490	4240	35	10-118	12	30
3- and 4-Methylphenol Coelution	420 U	1690	4240	40	1440	4240	34	11-101	16	30
3-Nitroaniline	2200 U	1970	4240	46	1580 J	4240	37	16-103	22	30
4,6-Dinitro-2-methylphenol	2200 U	2040	4240	48	1480 J	4240	35	10-112	32*	30
4-Bromophenyl Phenyl Ether	420 U	981	4240	23	962	4240	23	13-112	2	30
4-Chloro-3-methylphenol	420 U	1810	4240	43	1630	4240	39	18-110	10	30
4-Chloroaniline	420 U	1700	4240	40	1450	4240	34	10-91	16	30
4-Chlorophenyl Phenyl Ether	420 U	735	4240	17	797	4240	19	11-104	8	30
4-Nitroaniline	2200 U	2140	4240	51	1660 J	4240	39	17-114	26	30
4-Nitrophenol	2200 U	1840	4240	43	1450 J	4240	34	11-131	24	30
Acenaphthene	420 U	807	4240	19	913	4240	22	12-99	12	30
Acenaphthylene	420 U	906	4240	21	979	4240	23	10-102	8	30
Acetophenone	420 U	2280	8480	27	2260	8480	27	12-99	1	30
Anthracene	420 U	1470	4240	35	1290	4240	30	15-116	13	30
Atrazine	420 U	2630	4240	62	2150	4240	51	18-146	20	30
Benz(a)anthracene	420 U	1700	4240	40	1580	4240	37	10-129	7	30
Benzaldehyde	2200 U	833	4240	20	928 J	4240	22	10-200	11	30
Benzo(a)pyrene	420 U	1670	4240	39	1580	4240	37	10-127	5	30
Benzo(b)fluoranthene	420 U	1570	4240	37	1530	4240	36	14-128	3	30
Benzo(g,h,i)perylene	420 U	1760	4240	42	1720	4240	40	10-132	3	30

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16
Sample Matrix:	Soil	**Date Received:**	12/15/16
		Date Analyzed:	01/4/17
		Date Extracted:	01/3/17

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry
Analysis Method:	8270D		
Prep Method:	EPA 3541		

		Matrix Spike RQ1700019-04			**Duplicate Matrix Spike** RQ1700019-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	420 U	1610	4240	38	1570	4240	37	16-118	3	30
Biphenyl	420 U	681	4240	16	753	4240	18	10-99	10	30
2,2'-Oxybis(1-chloropropane)	420 U	508	4240	12 *	605	4240	14 *	21-142	17	30
Bis(2-chloroethoxy)methane	420 U	1380	4240	33	1230	4240	29	16-93	11	30
Bis(2-chloroethyl) Ether	420 U	819	4240	19	879	4240	21	18-130	7	30
Bis(2-ethylhexyl) Phthalate	100 J	2270	4240	51	2100	4240	47	13-140	8	30
Butyl Benzyl Phthalate	420 U	1840	4240	43	1680	4240	40	19-125	9	30
Caprolactam	420 U	1630	4240	38	1380	4240	32	10-115	17	30
Carbazole	420 U	2430	4240	57	2110	4240	50	21-118	14	30
Chrysene	420 U	1680	4240	40	1580	4240	37	10-133	7	30
Di-n-butyl Phthalate	420 U	1870	4240	44	1640	4240	39	19-128	13	30
Di-n-octyl Phthalate	420 U	1780	4240	42	1730	4240	41	16-140	3	30
Dibenz(a,h)anthracene	420 U	1530	4240	36	1600	4240	38	10-128	5	30
Dibenzofuran	420 U	938	4240	22	974	4240	23	13-99	4	30
Diethyl Phthalate	420 U	1840	4240	43	1560	4240	37	17-117	17	30
Dimethyl Phthalate	420 U	2090	4240	49	1820	4240	43	18-103	14	30
Fluoranthene	420 U	1710	4240	40	1520	4240	36	10-149	12	30
Fluorene	420 U	955	4240	23	990	4240	23	14-105	4	30
Hexachlorobenzene	420 U	1140	4240	27	1060	4240	25	14-114	7	30
Hexachlorobutadiene	420 U	175	4240	4 *	305 J	4240	7 *	12-84	54*	30
Hexachlorocyclopentadiene	420 U	235	4240	6 *	314 J	4240	7 *	10-101	28	30
Hexachloroethane	420 U	123	4240	3 *	210 J	4240	5 *	16-114	52*	30
Indeno(1,2,3-cd)pyrene	420 U	1580	4240	37	1530	4240	36	10-129	4	30
Isophorone	420 U	1420	4240	33	1310	4240	31	15-95	8	30
N-Nitrosodi-n-propylamine	420 U	1220	4240	29	1180	4240	28	11-98	4	30
N-Nitrosodiphenylamine	420 U	1600	4240	38	1390	4240	33	16-121	15	30
Naphthalene	420 U	534	4240	13	671	4240	16	10-83	23	30
Nitrobenzene	420 U	881	4240	21	943	4240	22	20-84	7	30
Pentachlorophenol (PCP)	2200 U	1840	4240	43	1570 J	4240	37	10-127	16	30
Phenanthrene	420 U	1440	4240	34	1270	4240	30	10-137	13	30
Phenol	420 U	1700	4240	40	1480	4240	35	10-109	14	30
Pyrene	420 U	1740	4240	41	1510	4240	36	10-147	14	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615334-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	330 U	330	79	1	12/22/16 08:18	12/19/16	
2,3,4,6-Tetrachlorophenol	330 U	330	86	1	12/22/16 08:18	12/19/16	
2,4,5-Trichlorophenol	330 U	330	60	1	12/22/16 08:18	12/19/16	
2,4,6-Trichlorophenol	330 U	330	39	1	12/22/16 08:18	12/19/16	
2,4-Dichlorophenol	330 U	330	58	1	12/22/16 08:18	12/19/16	
2,4-Dimethylphenol	330 U	330	61	1	12/22/16 08:18	12/19/16	
2,4-Dinitrophenol	1700 U	1700	260	1	12/22/16 08:18	12/19/16	
2,4-Dinitrotoluene	330 U	330	63	1	12/22/16 08:18	12/19/16	
2,6-Dinitrotoluene	330 U	330	83	1	12/22/16 08:18	12/19/16	
2-Chloronaphthalene	330 U	330	52	1	12/22/16 08:18	12/19/16	
2-Chlorophenol	330 U	330	43	1	12/22/16 08:18	12/19/16	
2-Methylnaphthalene	330 U	330	54	1	12/22/16 08:18	12/19/16	
2-Methylphenol	330 U	330	69	1	12/22/16 08:18	12/19/16	
2-Nitroaniline	1700 U	1700	220	1	12/22/16 08:18	12/19/16	
2-Nitrophenol	330 U	330	46	1	12/22/16 08:18	12/19/16	
3,3'-Dichlorobenzidine	330 U	330	65	1	12/22/16 08:18	12/19/16	
3- and 4-Methylphenol Coelution	330 U	330	130	1	12/22/16 08:18	12/19/16	
3-Nitroaniline	1700 U	1700	330	1	12/22/16 08:18	12/19/16	
4,6-Dinitro-2-methylphenol	1700 U	1700	340	1	12/22/16 08:18	12/19/16	
4-Bromophenyl Phenyl Ether	330 U	330	63	1	12/22/16 08:18	12/19/16	
4-Chloro-3-methylphenol	330 U	330	52	1	12/22/16 08:18	12/19/16	
4-Chloroaniline	330 U	330	64	1	12/22/16 08:18	12/19/16	
4-Chlorophenyl Phenyl Ether	330 U	330	58	1	12/22/16 08:18	12/19/16	
4-Nitroaniline	1700 U	1700	250	1	12/22/16 08:18	12/19/16	
4-Nitrophenol	1700 U	1700	210	1	12/22/16 08:18	12/19/16	
Acenaphthene	330 U	330	56	1	12/22/16 08:18	12/19/16	
Acenaphthylene	330 U	330	55	1	12/22/16 08:18	12/19/16	
Acetophenone	330 U	330	94	1	12/22/16 08:18	12/19/16	
Anthracene	330 U	330	62	1	12/22/16 08:18	12/19/16	
Atrazine	330 U	330	190	1	12/22/16 08:18	12/19/16	
Benz(a)anthracene	330 U	330	49	1	12/22/16 08:18	12/19/16	
Benzaldehyde	1700 U	1700	130	1	12/22/16 08:18	12/19/16	
Benzo(a)pyrene	330 U	330	57	1	12/22/16 08:18	12/19/16	
Benzo(b)fluoranthene	330 U	330	50	1	12/22/16 08:18	12/19/16	
Benzo(g,h,i)perylene	330 U	330	53	1	12/22/16 08:18	12/19/16	
Benzo(k)fluoranthene	330 U	330	55	1	12/22/16 08:18	12/19/16	
Biphenyl	330 U	330	67	1	12/22/16 08:18	12/19/16	
2,2'-Oxybis(1-chloropropane)	330 U	330	59	1	12/22/16 08:18	12/19/16	
Bis(2-chloroethoxy)methane	330 U	330	39	1	12/22/16 08:18	12/19/16	
Bis(2-chloroethyl) Ether	330 U	330	61	1	12/22/16 08:18	12/19/16	
Bis(2-ethylhexyl) Phthalate	330 U	330	49	1	12/22/16 08:18	12/19/16	
Butyl Benzyl Phthalate	330 U	330	65	1	12/22/16 08:18	12/19/16	
Caprolactam	330 U	330	80	1	12/22/16 08:18	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615334-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	330 U	330	57	1	12/22/16 08:18	12/19/16	
Chrysene	330 U	330	51	1	12/22/16 08:18	12/19/16	
Di-n-butyl Phthalate	330 U	330	80	1	12/22/16 08:18	12/19/16	
Di-n-octyl Phthalate	330 U	330	63	1	12/22/16 08:18	12/19/16	
Dibenz(a,h)anthracene	330 U	330	50	1	12/22/16 08:18	12/19/16	
Dibenzofuran	330 U	330	57	1	12/22/16 08:18	12/19/16	
Diethyl Phthalate	330 U	330	64	1	12/22/16 08:18	12/19/16	
Dimethyl Phthalate	330 U	330	60	1	12/22/16 08:18	12/19/16	
Fluoranthene	330 U	330	69	1	12/22/16 08:18	12/19/16	
Fluorene	330 U	330	53	1	12/22/16 08:18	12/19/16	
Hexachlorobenzene	330 U	330	61	1	12/22/16 08:18	12/19/16	
Hexachlorobutadiene	330 U	330	36	1	12/22/16 08:18	12/19/16	
Hexachlorocyclopentadiene	330 U	330	73	1	12/22/16 08:18	12/19/16	
Hexachloroethane	330 U	330	44	1	12/22/16 08:18	12/19/16	
Indeno(1,2,3-cd)pyrene	330 U	330	55	1	12/22/16 08:18	12/19/16	
Isophorone	330 U	330	52	1	12/22/16 08:18	12/19/16	
N-Nitrosodi-n-propylamine	330 U	330	75	1	12/22/16 08:18	12/19/16	
N-Nitrosodiphenylamine	330 U	330	57	1	12/22/16 08:18	12/19/16	
Naphthalene	330 U	330	47	1	12/22/16 08:18	12/19/16	
Nitrobenzene	330 U	330	50	1	12/22/16 08:18	12/19/16	
Pentachlorophenol (PCP)	1700 U	1700	270	1	12/22/16 08:18	12/19/16	
Phenanthrene	330 U	330	69	1	12/22/16 08:18	12/19/16	
Phenol	330 U	330	120	1	12/22/16 08:18	12/19/16	
Pyrene	330 U	330	70	1	12/22/16 08:18	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	39	13 - 128	12/22/16 08:18	
2-Fluorobiphenyl	45	10 - 102	12/22/16 08:18	
2-Fluorophenol	42	16 - 129	12/22/16 08:18	
Nitrobenzene-d5	42	10 - 95	12/22/16 08:18	
Phenol-d6	48	10 - 145	12/22/16 08:18	
Terphenyl-d14	57	16 - 126	12/22/16 08:18	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000141-79-7	3-Penten-2-one, 4-methyl-	2.95	300	JN
	unknown	3.13	2300	J
	unknown	3.37	76000	J
	unknown	3.88	670	J
	unknown	5.46	250	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1700019-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	330 U	330	79	1	01/04/17 08:36	1/3/17	
2,3,4,6-Tetrachlorophenol	330 U	330	86	1	01/04/17 08:36	1/3/17	
2,4,5-Trichlorophenol	330 U	330	60	1	01/04/17 08:36	1/3/17	
2,4,6-Trichlorophenol	330 U	330	39	1	01/04/17 08:36	1/3/17	
2,4-Dichlorophenol	330 U	330	58	1	01/04/17 08:36	1/3/17	
2,4-Dimethylphenol	330 U	330	61	1	01/04/17 08:36	1/3/17	
2,4-Dinitrophenol	1700 U	1700	260	1	01/04/17 08:36	1/3/17	
2,4-Dinitrotoluene	330 U	330	63	1	01/04/17 08:36	1/3/17	
2,6-Dinitrotoluene	330 U	330	83	1	01/04/17 08:36	1/3/17	
2-Chloronaphthalene	330 U	330	52	1	01/04/17 08:36	1/3/17	
2-Chlorophenol	330 U	330	43	1	01/04/17 08:36	1/3/17	
2-Methylnaphthalene	330 U	330	54	1	01/04/17 08:36	1/3/17	
2-Methylphenol	330 U	330	69	1	01/04/17 08:36	1/3/17	
2-Nitroaniline	1700 U	1700	220	1	01/04/17 08:36	1/3/17	
2-Nitrophenol	330 U	330	46	1	01/04/17 08:36	1/3/17	
3,3'-Dichlorobenzidine	330 U	330	65	1	01/04/17 08:36	1/3/17	
3- and 4-Methylphenol Coelution	330 U	330	130	1	01/04/17 08:36	1/3/17	
3-Nitroaniline	1700 U	1700	330	1	01/04/17 08:36	1/3/17	
4,6-Dinitro-2-methylphenol	1700 U	1700	340	1	01/04/17 08:36	1/3/17	
4-Bromophenyl Phenyl Ether	330 U	330	63	1	01/04/17 08:36	1/3/17	
4-Chloro-3-methylphenol	330 U	330	52	1	01/04/17 08:36	1/3/17	
4-Chloroaniline	330 U	330	64	1	01/04/17 08:36	1/3/17	
4-Chlorophenyl Phenyl Ether	330 U	330	58	1	01/04/17 08:36	1/3/17	
4-Nitroaniline	1700 U	1700	250	1	01/04/17 08:36	1/3/17	
4-Nitrophenol	1700 U	1700	210	1	01/04/17 08:36	1/3/17	
Acenaphthene	330 U	330	56	1	01/04/17 08:36	1/3/17	
Acenaphthylene	330 U	330	55	1	01/04/17 08:36	1/3/17	
Acetophenone	330 U	330	94	1	01/04/17 08:36	1/3/17	
Anthracene	330 U	330	62	1	01/04/17 08:36	1/3/17	
Atrazine	330 U	330	190	1	01/04/17 08:36	1/3/17	
Benz(a)anthracene	330 U	330	49	1	01/04/17 08:36	1/3/17	
Benzaldehyde	1700 U	1700	130	1	01/04/17 08:36	1/3/17	
Benzo(a)pyrene	330 U	330	57	1	01/04/17 08:36	1/3/17	
Benzo(b)fluoranthene	330 U	330	50	1	01/04/17 08:36	1/3/17	
Benzo(g,h,i)perylene	330 U	330	53	1	01/04/17 08:36	1/3/17	
Benzo(k)fluoranthene	330 U	330	55	1	01/04/17 08:36	1/3/17	
Biphenyl	330 U	330	67	1	01/04/17 08:36	1/3/17	
2,2'-Oxybis(1-chloropropane)	330 U	330	59	1	01/04/17 08:36	1/3/17	
Bis(2-chloroethoxy)methane	330 U	330	39	1	01/04/17 08:36	1/3/17	
Bis(2-chloroethyl) Ether	330 U	330	61	1	01/04/17 08:36	1/3/17	
Bis(2-ethylhexyl) Phthalate	330 U	330	49	1	01/04/17 08:36	1/3/17	
Butyl Benzyl Phthalate	330 U	330	65	1	01/04/17 08:36	1/3/17	
Caprolactam	330 U	330	80	1	01/04/17 08:36	1/3/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1700019-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	330 U	330	57	1	01/04/17 08:36	1/3/17	
Chrysene	330 U	330	51	1	01/04/17 08:36	1/3/17	
Di-n-butyl Phthalate	330 U	330	80	1	01/04/17 08:36	1/3/17	
Di-n-octyl Phthalate	330 U	330	63	1	01/04/17 08:36	1/3/17	
Dibenz(a,h)anthracene	330 U	330	50	1	01/04/17 08:36	1/3/17	
Dibenzofuran	330 U	330	57	1	01/04/17 08:36	1/3/17	
Diethyl Phthalate	330 U	330	64	1	01/04/17 08:36	1/3/17	
Dimethyl Phthalate	330 U	330	60	1	01/04/17 08:36	1/3/17	
Fluoranthene	330 U	330	69	1	01/04/17 08:36	1/3/17	
Fluorene	330 U	330	53	1	01/04/17 08:36	1/3/17	
Hexachlorobenzene	330 U	330	61	1	01/04/17 08:36	1/3/17	
Hexachlorobutadiene	330 U	330	36	1	01/04/17 08:36	1/3/17	
Hexachlorocyclopentadiene	330 U	330	73	1	01/04/17 08:36	1/3/17	
Hexachloroethane	330 U	330	44	1	01/04/17 08:36	1/3/17	
Indeno(1,2,3-cd)pyrene	330 U	330	55	1	01/04/17 08:36	1/3/17	
Isophorone	330 U	330	52	1	01/04/17 08:36	1/3/17	
N-Nitrosodi-n-propylamine	330 U	330	75	1	01/04/17 08:36	1/3/17	
N-Nitrosodiphenylamine	330 U	330	57	1	01/04/17 08:36	1/3/17	
Naphthalene	330 U	330	47	1	01/04/17 08:36	1/3/17	
Nitrobenzene	330 U	330	50	1	01/04/17 08:36	1/3/17	
Pentachlorophenol (PCP)	1700 U	1700	270	1	01/04/17 08:36	1/3/17	
Phenanthrene	330 U	330	69	1	01/04/17 08:36	1/3/17	
Phenol	330 U	330	120	1	01/04/17 08:36	1/3/17	
Pyrene	330 U	330	70	1	01/04/17 08:36	1/3/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	41	13 - 128	01/04/17 08:36	
2-Fluorobiphenyl	46	10 - 102	01/04/17 08:36	
2-Fluorophenol	41	16 - 129	01/04/17 08:36	
Nitrobenzene-d5	44	10 - 95	01/04/17 08:36	
Phenol-d6	43	10 - 145	01/04/17 08:36	
Terphenyl-d14	54	16 - 126	01/04/17 08:36	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/22/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615334-02			RQ1615334-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	8270D	1860	3330	56	1410	3330	42	31-127	27	30
2,3,4,6-Tetrachlorophenol	8270D	2130	3330	64	1350	3330	40	37-123	45*	30
2,4,5-Trichlorophenol	8270D	2020	3330	61	1400	3330	42	32-104	36*	30
2,4,6-Trichlorophenol	8270D	2120	3330	63	1470	3330	44	30-101	36*	30
2,4-Dichlorophenol	8270D	2050	3330	61	1460	3330	44	39-135	33*	30
2,4-Dimethylphenol	8270D	2040	3330	61	1500	3330	45	31-135	30	30
2,4-Dinitrophenol	8270D	758 J	3330	23	275 J	3330	8 *	10-128	93*	30
2,4-Dinitrotoluene	8270D	2260	3330	68	1610	3330	48	39-122	34*	30
2,6-Dinitrotoluene	8270D	2170	3330	65	1680	3330	50	34-122	25	30
2-Chloronaphthalene	8270D	1850	3330	56	1360	3330	41	41-124	31*	30
2-Chlorophenol	8270D	2000	3330	60	1490	3330	45	39-123	29	30
2-Methylnaphthalene	8270D	1910	3330	57	1410	3330	42	33-125	30	30
2-Methylphenol	8270D	1990	3330	60	1480	3330	44	38-123	30	30
2-Nitroaniline	8270D	2330	3330	70	1750	3330	53	25-116	28	30
2-Nitrophenol	8270D	1900	3330	57	1300	3330	39	23-96	38*	30
3,3'-Dichlorobenzidine	8270D	1570	3330	47	1140	3330	34	25-105	31*	30
3- and 4-Methylphenol Coelution	8270D	1990	3330	60	1450	3330	44	42-114	31*	30
3-Nitroaniline	8270D	1610 J	3330	48	1350 J	3330	41 *	43-106	18	30
4,6-Dinitro-2-methylphenol	8270D	1180 J	3330	35	384 J	3330	12	10-127	102*	30
4-Bromophenyl Phenyl Ether	8270D	1960	3330	59	1580	3330	47	40-102	22	30
4-Chloro-3-methylphenol	8270D	1930	3330	58	1430	3330	43	42-140	29	30
4-Chloroaniline	8270D	1330	3330	40	1110	3330	33 *	34-101	18	30
4-Chlorophenyl Phenyl Ether	8270D	2000	3330	60	1470	3330	44	39-100	31*	30
4-Nitroaniline	8270D	2290	3330	69	1640 J	3330	49	35-112	33*	30
4-Nitrophenol	8270D	2360	3330	71	1460 J	3330	44	34-123	47*	30
Acenaphthene	8270D	2020	3330	61	1470	3330	44	32-100	31*	30
Acenaphthylene	8270D	2050	3330	62	1510	3330	45	33-100	31*	30
Acetophenone	8270D	3220	6670	48	2390	6670	36	23-87	30	30
Anthracene	8270D	2280	3330	68	1640	3330	49	46-103	32*	30
Atrazine	8270D	2930	3330	88	2070	3330	62	44-137	34*	30
Benz(a)anthracene	8270D	2380	3330	71	1680	3330	51	32-105	34*	30
Benzaldehyde	8270D	2140	3330	64	1640 J	3330	49	10-200	27	30
Benzo(a)pyrene	8270D	2510	3330	75	1710	3330	51	48-110	38*	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/22/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615334-02			RQ1615334-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	2360	3330	71	1610	3330	48	44-107	38*	30
Benzo(g,h,i)perylene	8270D	2740	3330	82	1890	3330	57	49-120	37*	30
Benzo(k)fluoranthene	8270D	2480	3330	75	1730	3330	52	46-107	36*	30
Biphenyl	8270D	1880	3330	56	1400	3330	42	24-104	29	30
2,2'-Oxybis(1-chloropropane)	8270D	1740	3330	52	1310	3330	39	38-138	28	30
Bis(2-chloroethoxy)methane	8270D	1870	3330	56	1390	3330	42	28-91	30	30
Bis(2-chloroethyl) Ether	8270D	1760	3330	53	1330	3330	40	37-86	28	30
Bis(2-ethylhexyl) Phthalate	8270D	2590	3330	78	1750	3330	52	35-119	39*	30
Butyl Benzyl Phthalate	8270D	2480	3330	75	1660	3330	50	47-117	40*	30
Caprolactam	8270D	2300	3330	69	1700	3330	51	30-111	30	30
Carbazole	8270D	2460	3330	74	1790	3330	54	41-112	32*	30
Chrysene	8270D	2360	3330	71	1670	3330	50	48-111	34*	30
Di-n-butyl Phthalate	8270D	2650	3330	80	1890	3330	57	51-120	34*	30
Di-n-octyl Phthalate	8270D	2580	3330	77	1790	3330	54	47-127	36*	30
Dibenz(a,h)anthracene	8270D	2450	3330	73	1690	3330	51	46-114	37*	30
Dibenzofuran	8270D	2080	3330	62	1530	3330	46	34-97	30	30
Diethyl Phthalate	8270D	2240	3330	67	1620	3330	49	45-108	32*	30
Dimethyl Phthalate	8270D	2280	3330	68	1770	3330	53	41-101	25	30
Fluoranthene	8270D	2450	3330	73	1750	3330	52	45-113	33*	30
Fluorene	8270D	2160	3330	65	1620	3330	49	38-101	28	30
Hexachlorobenzene	8270D	2120	3330	64	1650	3330	49	41-106	25	30
Hexachlorobutadiene	8270D	1910	3330	57	1460	3330	44	10-142	26	30
Hexachlorocyclopentadiene	8270D	1210	3330	36	856	3330	26	10-133	34*	30
Hexachloroethane	8270D	1560	3330	47	1210	3330	36	10-129	25	30
Indeno(1,2,3-cd)pyrene	8270D	2520	3330	76	1730	3330	52	46-115	37*	30
Isophorone	8270D	1780	3330	53	1360	3330	41	27-95	27	30
N-Nitrosodi-n-propylamine	8270D	1820	3330	54	1330	3330	40	21-89	31*	30
N-Nitrosodiphenylamine	8270D	2320	3330	69	1750	3330	53	37-116	28	30
Naphthalene	8270D	1860	3330	56	1400	3330	42	31-123	28	30
Nitrobenzene	8270D	1810	3330	54	1360	3330	41	35-134	28	30
Pentachlorophenol (PCP)	8270D	2180	3330	66	1110 J	3330	33	10-137	65*	30
Phenanthrene	8270D	2190	3330	66	1580	3330	47	45-106	32*	30
Phenol	8270D	2090	3330	63	1540	3330	46	10-144	31*	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/22/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615334-02			RQ1615334-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	2400	3330	72	1690	3330	51	48-117	35*	30

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 01/04/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1700019-02			RQ1700019-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	8270D	1500	3330	45	1340	3330	40	31-127	11	30
2,3,4,6-Tetrachlorophenol	8270D	1600	3330	48	1740	3330	52	37-123	9	30
2,4,5-Trichlorophenol	8270D	1530	3330	46	1480	3330	45	32-104	3	30
2,4,6-Trichlorophenol	8270D	1650	3330	50	1610	3330	48	30-101	2	30
2,4-Dichlorophenol	8270D	1620	3330	49	1600	3330	48	39-135	<1	30
2,4-Dimethylphenol	8270D	1660	3330	50	1680	3330	50	31-135	1	30
2,4-Dinitrophenol	8270D	598 J	3330	18	684 J	3330	21	10-128	13	30
2,4-Dinitrotoluene	8270D	1810	3330	54	1860	3330	56	39-122	2	30
2,6-Dinitrotoluene	8270D	1720	3330	52	1660	3330	50	34-122	4	30
2-Chloronaphthalene	8270D	1570	3330	47	1490	3330	45	41-124	6	30
2-Chlorophenol	8270D	1620	3330	48	1550	3330	46	39-123	4	30
2-Methylnaphthalene	8270D	1550	3330	47	1530	3330	46	33-125	1	30
2-Methylphenol	8270D	1470	3330	44	1420	3330	43	38-123	4	30
2-Nitroaniline	8270D	1720	3330	52	1730	3330	52	25-116	<1	30
2-Nitrophenol	8270D	1410	3330	42	1370	3330	41	23-96	3	30
3,3'-Dichlorobenzidine	8270D	1770	3330	53	1800	3330	54	25-105	2	30
3- and 4-Methylphenol Coelution	8270D	1390	3330	42	1400	3330	42	42-114	<1	30
3-Nitroaniline	8270D	1590 J	3330	48	1650 J	3330	49	43-106	4	30
4,6-Dinitro-2-methylphenol	8270D	1030 J	3330	31	1200 J	3330	36	10-127	15	30
4-Bromophenyl Phenyl Ether	8270D	1620	3330	49	1850	3330	55	40-102	13	30
4-Chloro-3-methylphenol	8270D	1650	3330	49	1650	3330	50	42-140	<1	30
4-Chloroaniline	8270D	1410	3330	42	1440	3330	43	34-101	2	30
4-Chlorophenyl Phenyl Ether	8270D	1560	3330	47	1580	3330	47	39-100	1	30
4-Nitroaniline	8270D	1740	3330	52	1810	3330	54	35-112	4	30
4-Nitrophenol	8270D	1510 J	3330	45	1620 J	3330	49	34-123	7	30
Acenaphthene	8270D	1650	3330	50	1610	3330	48	32-100	2	30
Acenaphthylene	8270D	1630	3330	49	1570	3330	47	33-100	4	30
Acetophenone	8270D	3070	6670	46	2920	6670	44	23-87	5	30
Anthracene	8270D	1850	3330	55	2010	3330	60	46-103	9	30
Atrazine	8270D	2300	3330	69	2420	3330	73	44-137	5	30
Benz(a)anthracene	8270D	2110	3330	63	2140	3330	64	32-105	2	30
Benzaldehyde	8270D	1600 J	3330	48	1480 J	3330	44	10-200	8	30
Benzo(a)pyrene	8270D	2130	3330	64	2110	3330	63	48-110	1	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 01/04/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1700019-02			RQ1700019-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	1950	3330	59	1970	3330	59	44-107	<1	30
Benzo(g,h,i)perylene	8270D	2300	3330	69	2300	3330	69	49-120	<1	30
Benzo(k)fluoranthene	8270D	2130	3330	64	2110	3330	63	46-107	<1	30
Biphenyl	8270D	1580	3330	47	1440	3330	43	24-104	9	30
2,2'-Oxybis(1-chloropropane)	8270D	1280	3330	38	1230	3330	37 *	38-138	4	30
Bis(2-chloroethoxy)methane	8270D	1490	3330	45	1460	3330	44	28-91	2	30
Bis(2-chloroethyl) Ether	8270D	1320	3330	40	1330	3330	40	37-86	<1	30
Bis(2-ethylhexyl) Phthalate	8270D	2150	3330	65	2210	3330	66	35-119	3	30
Butyl Benzyl Phthalate	8270D	2170	3330	65	2240	3330	67	47-117	3	30
Caprolactam	8270D	1770	3330	53	1760	3330	53	30-111	<1	30
Carbazole	8270D	2370	3330	71	2530	3330	76	41-112	7	30
Chrysene	8270D	2030	3330	61	2090	3330	63	48-111	3	30
Di-n-butyl Phthalate	8270D	2120	3330	64	2240	3330	67	51-120	6	30
Di-n-octyl Phthalate	8270D	2010	3330	60	2000	3330	60	47-127	<1	30
Dibenz(a,h)anthracene	8270D	1970	3330	59	2000	3330	60	46-114	2	30
Dibenzofuran	8270D	1700	3330	51	1650	3330	50	34-97	3	30
Diethyl Phthalate	8270D	1880	3330	56	1890	3330	57	45-108	<1	30
Dimethyl Phthalate	8270D	1830	3330	55	1820	3330	55	41-101	<1	30
Fluoranthene	8270D	1910	3330	57	2040	3330	61	45-113	7	30
Fluorene	8270D	1670	3330	50	1690	3330	51	38-101	<1	30
Hexachlorobenzene	8270D	1820	3330	55	1900	3330	57	41-106	4	30
Hexachlorobutadiene	8270D	1650	3330	49	1700	3330	51	10-142	3	30
Hexachlorocyclopentadiene	8270D	1260	3330	38	1240	3330	37	10-133	2	30
Hexachloroethane	8270D	1340	3330	40	1400	3330	42	10-129	4	30
Indeno(1,2,3-cd)pyrene	8270D	2100	3330	63	2070	3330	62	46-115	1	30
Isophorone	8270D	1500	3330	45	1480	3330	44	27-95	1	30
N-Nitrosodi-n-propylamine	8270D	1430	3330	43	1400	3330	42	21-89	2	30
N-Nitrosodiphenylamine	8270D	1910	3330	57	2050	3330	61	37-116	7	30
Naphthalene	8270D	1540	3330	46	1530	3330	46	31-123	<1	30
Nitrobenzene	8270D	1470	3330	44	1460	3330	44	35-134	<1	30
Pentachlorophenol (PCP)	8270D	1400 J	3330	42	1780	3330	53	10-137	24	30
Phenanthrene	8270D	1840	3330	55	1960	3330	59	45-106	7	30
Phenol	8270D	1510	3330	45	1450	3330	43	10-144	4	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 01/04/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1700019-02			RQ1700019-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	2070	3330	62	2130	3330	64	48-117	3	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613206
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Extraction Method: EPA 3541

Sample Name	Lab Code	Decachlorobiphenyl 10 - 122	Tetrachloro-m-xylene 10 - 123
104-18	R1613206-001	75	62
105-3	R1613206-003	55	45
103-17	R1613206-006	51	43
102-2	R1613206-007	0 *	0 *
Method Blank	RQ1615405-01	62	54
Lab Control Sample	RQ1615405-02	77	67
Duplicate Lab Control Sample	RQ1615405-03	71	60
104-18 MS	RQ1615405-04	87	62
104-18 DMS	RQ1615405-05	85	63

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16
Sample Matrix:	Soil	**Date Received:**	12/15/16
		Date Analyzed:	12/27/16
		Date Extracted:	12/20/16

Duplicate Matrix Spike Summary
Organochlorine Pesticides by Gas Chromatography

Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry
Analysis Method:	8081B		
Prep Method:	EPA 3541		

		Matrix Spike			Duplicate Matrix Spike					
		RQ1615405-04			RQ1615405-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	11 U	7.81	8.48	92	7.75 J	8.49	91	10-165	<1	30
4,4'-DDE	11 U	7.31	8.48	86	9.63 J	8.49	113	10-165	27	30
4,4'-DDT	88 P	26.1	8.48	-729 #	28.3	8.49	-702 #	10-163	8	30
Aldrin	49	16.1	8.48	-391 #	16.8	8.49	-382 #	10-167	4	30
Dieldrin	11 U	10.4	8.48	123	9.77 J	8.49	115	24-140	6	30
Endosulfan I	11 U	7.17	8.48	85	8.91 J	8.49	105	13-145	22	30
Endosulfan II	11 U	10.9	8.48	129	10.5 J	8.49	124	12-178	3	30
Endosulfan Sulfate	11 U	8.11	8.48	96	8.05 J	8.49	95	15-157	<1	30
Endrin	49 P	19.8	8.48	-349 #	22.0	8.49	-323 #	16-153	10	30
Endrin Aldehyde	17	8.40	8.48	-106 *	8.43 J	8.49	-105 *	10-161	<1	30
Endrin Ketone	11 U	10.2	8.48	120	8.61 J	8.49	101	17-161	16	30
Heptachlor	11 U	9.00	8.48	106	9.12 J	8.49	107	10-160	1	30
Heptachlor Epoxide	40 P	14.0	8.48	-307 #	24.2	8.49	-185 #	10-166	54*	30
Methoxychlor	11 U	15.8	8.48	186	15.4	8.49	182	10-192	2	30
alpha-BHC	11 U	5.74	8.48	68	6.12 J	8.49	72	10-149	6	30
alpha-Chlordane	11 U	10.4	8.48	123	9.43 J	8.49	111	10-180	10	30
beta-BHC	11 U	8.53	8.48	101	12.6	8.49	149	10-176	39*	30
delta-BHC	11 U	10.5	8.48	124	9.70 J	8.49	114	17-138	8	30
gamma-BHC (Lindane)	11 U	8.17	8.48	96	8.22 J	8.49	97	10-141	<1	30
gamma-Chlordane	11 U	8.24	8.48	97	7.94 J	8.49	94	14-139	4	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615405-01	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
4,4'-DDE	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
4,4'-DDT	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
Aldrin	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
Dieldrin	1.7 U	1.7	1.1	1	12/27/16 12:14	12/20/16	
Endosulfan I	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
Endosulfan II	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
Endosulfan Sulfate	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
Endrin	1.7 U	1.7	1.5	1	12/27/16 12:14	12/20/16	
Endrin Aldehyde	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
Endrin Ketone	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
Heptachlor	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
Heptachlor Epoxide	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
Methoxychlor	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
Toxaphene	17 U	17	8.4	1	12/27/16 12:14	12/20/16	
alpha-BHC	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
alpha-Chlordane	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
beta-BHC	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
delta-BHC	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
gamma-BHC (Lindane)	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	
gamma-Chlordane	1.7 U	1.7	0.84	1	12/27/16 12:14	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	62	10 - 122	12/27/16 12:14	
Tetrachloro-m-xylene	54	10 - 123	12/27/16 12:14	

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/27/16

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615405-02			RQ1615405-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	6.47	6.67	97	6.08	6.67	91	17-138	6	30
4,4'-DDE	8081B	6.44	6.67	97	6.06	6.67	91	35-125	6	30
4,4'-DDT	8081B	6.48	6.67	97	6.21	6.67	93	34-123	4	30
Aldrin	8081B	5.55	6.67	83	5.21	6.67	78	10-103	6	30
Dieldrin	8081B	6.17	6.67	93	5.77	6.67	87	22-120	7	30
Endosulfan I	8081B	5.35	6.67	80	5.08	6.67	76	30-108	5	30
Endosulfan II	8081B	6.09	6.67	91	5.81	6.67	87	26-122	5	30
Endosulfan Sulfate	8081B	6.50	6.67	98	6.00	6.67	90	22-121	8	30
Endrin	8081B	6.18	6.67	93	5.77	6.67	87	42-133	7	30
Endrin Aldehyde	8081B	5.86	6.67	88 *	5.58	6.67	84 *	10-73	5	30
Endrin Ketone	8081B	6.49	6.67	97	6.08	6.67	91	36-116	7	30
Heptachlor	8081B	5.44	6.67	82	5.10	6.67	77	31-115	6	30
Heptachlor Epoxide	8081B	5.76	6.67	86	5.60	6.67	84	27-131	3	30
Methoxychlor	8081B	6.85	6.67	103	7.53	6.67	113	32-148	9	30
alpha-BHC	8081B	5.68	6.67	85	5.11	6.67	77	19-126	10	30
alpha-Chlordane	8081B	5.94	6.67	89	5.63	6.67	84	31-104	5	30
beta-BHC	8081B	5.65	6.67	85	5.37	6.67	81	28-123	5	30
delta-BHC	8081B	6.34	6.67	95	6.16	6.67	92	17-126	3	30
gamma-BHC (Lindane)	8081B	5.79	6.67	87	5.42	6.67	81	23-125	7	30
gamma-Chlordane	8081B	5.91	6.67	89	5.64	6.67	85	28-107	5	30

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dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613206
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Extraction Method: EPA 3541

Sample Name	Lab Code	Decachlorobiphenyl 22 - 128	Tetrachloro-m-xylene 14 - 119
104-18	R1613206-001	0 *	0 *
103-19	R1613206-002	97	73
105-3	R1613206-003	85	66
105-8	R1613206-004	77	56
103-2	R1613206-005	0 *	0 *
103-17	R1613206-006	75	59
102-2	R1613206-007	0 *	0 *
105-1	R1613206-008	0 *	0 *
104-8	R1613206-009	0 *	0 *
Method Blank	RQ1615405-01	76	68
Lab Control Sample	RQ1615405-02	82	73
Duplicate Lab Control Sample	RQ1615405-03	79	66
104-18 MS	RQ1615405-04	0 *	0 *
104-18 DMS	RQ1615405-05	0 *	0 *

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16
Sample Matrix:	Soil	**Date Received:**	12/15/16
		Date Analyzed:	12/29/16
		Date Extracted:	12/20/16

Duplicate Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	104-18	**Units:**	ug/Kg
Lab Code:	R1613206-001	**Basis:**	Dry
Analysis Method:	8082A		
Prep Method:	EPA 3541		

		Matrix Spike RQ1615405-04			Duplicate Matrix Spike RQ1615405-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	2100 U	2100	212	0 *	2100 U	212	0 *	18-144	NC	30
Aroclor 1260	2100 U	2100	212	248 *	2100 U	212	298 *	19-162	NC	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615405-01	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	33 U	33	17	1	12/29/16 14:56	12/20/16	
Aroclor 1221	67 U	67	34	1	12/29/16 14:56	12/20/16	
Aroclor 1232	33 U	33	17	1	12/29/16 14:56	12/20/16	
Aroclor 1242	33 U	33	17	1	12/29/16 14:56	12/20/16	
Aroclor 1248	33 U	33	17	1	12/29/16 14:56	12/20/16	
Aroclor 1254	33 U	33	19	1	12/29/16 14:56	12/20/16	
Aroclor 1260	33 U	33	17	1	12/29/16 14:56	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	76	22 - 128	12/29/16 14:56	
Tetrachloro-m-xylene	68	14 - 119	12/29/16 14:56	

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/29/16

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/Kg
Basis: Dry

			Lab Control Sample RQ1615405-02		**Duplicate Lab Control Sample** RQ1615405-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	155	167	93	148	167	89	43-129	4	30
Aroclor 1260	8082A	141	167	84	138	167	83	49-135	2	30

Metals

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METALS

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BLANKS

Contract: R1613206

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 104-18

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): MG/KG

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	9.19	U	9.19	U	9.19	U	9.19	U	9.370	J	P
Antimony	4.97	U	4.97	U	4.97	U	4.97	U	0.169	U	P
Arsenic	4.93	U	4.93	U	4.93	U	4.93	U	0.560	J	P
Barium	2.20	J	1.26	U	1.90	J	1.80	J	0.570	J	P
Beryllium	0.12	U	0.12	U	0.12	U	0.12	U	0.012	U	P
Cadmium	0.20	J	0.20	J	0.20	U	0.20	J	0.050	J	P
Mercury	0.018	U	0.018	U	0.018	U	0.018	U	0.003	U	CV
Calcium	133.23	U	133.23	U	133.23	U	133.23	U	13.323	U	P
Chromium	0.27	U	0.27	U	0.27	U	0.27	U	0.250	J	P
Cobalt	1.14	U	1.14	U	1.14	U	1.30	J	0.480	J	P
Copper	0.62	U	0.62	U	0.62	U	0.62	U	0.110	U	P
Iron	3.93	U	3.93	U	3.93	U	3.93	U	30.840		P
Lead	2.08	U	2.08	U	2.08	U	2.08	U	0.143	U	P
Magnesium	4.80	J	5.90	J	5.40	J	7.40	J	3.490	J	P
Manganese	0.57	U	0.57	U	0.57	U	0.57	U	0.180	J	P
Nickel	1.26	U	1.26	U	1.26	U	1.26	U	-0.240	J	P
Potassium	43.90	J	43.65	U	43.65	U	43.65	U	4.064	U	P
Selenium	5.91	U	5.91	U	5.91	U	5.91	U	0.591	U	P
Silver	0.46	U	0.46	U	0.46	U	0.46	U	0.044	U	P
Sodium	69.17	U	69.17	U	69.17	U	69.17	U	12.560	J	P
Thallium	2.08	U	2.08	U	2.08	U	2.08	U	0.501	U	P
Vanadium	0.91	U	0.91	U	0.91	U	0.91	U	2.280	J	P
Zinc	1.70	U	1.70	U	1.70	U	1.70	U	0.230	J	P

Comments:

METALS

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BLANKS

Contract: R1613206

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 104-18

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			9.19	U	9.19	U	9.19	U			P
Antimony			4.97	U	4.97	U	4.97	U			P
Arsenic			4.93	U	5.00	J	4.93	U			P
Barium			1.90	J	1.26	U	2.00	J			P
Beryllium			0.12	U	0.12	U	0.12	U			P
Cadmium			0.20	J	0.20	U	0.20	J			P
Mercury			0.018	U	0.018	U					CV
Calcium			133.23	U	133.23	U	133.23	U			P
Chromium			0.27	U	0.27	U	0.27	U			P
Cobalt			1.14	U	1.14	U	1.14	U			P
Copper			0.62	U	0.62	U	0.62	U			P
Iron			3.93	U	3.93	U	3.93	U			P
Lead			2.08	U	2.08	U	2.08	U			P
Magnesium			8.60	J	4.60	J	6.30	J			P
Manganese			0.57	U	0.57	U	0.57	U			P
Nickel			1.26	U	1.26	U	1.26	U			P
Potassium			43.65	U	43.65	U	54.00	J			P
Selenium			5.91	U	5.91	U	5.91	U			P
Silver			0.46	U	0.46	U	0.46	U			P
Sodium			69.17	U	69.17	U	69.17	U			P
Thallium			3.30	J	3.00	J	2.08	U			P
Vanadium			0.91	U	0.91	U	0.91	U			P
Zinc			1.70	U	1.70	U	1.70	U			P

Comments:

METALS

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BLANKS

Contract: R1613206

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 104-18

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			9.19	U	9.19	U	9.19	U			P
Antimony			4.97	U	4.97	U	4.97	U			P
Arsenic			5.30	J	4.93	U	4.93	U			P
Barium			2.40	J	2.40	J	2.10	J			P
Beryllium			0.12	U	0.12	U	0.12	U			P
Cadmium			0.30	J	0.20	J	0.30	J			P
Calcium			133.23	U	133.23	U	133.23	U			P
Chromium			0.27	U	0.27	U	0.27	U			P
Cobalt			1.14	U	1.14	U	1.14	U			P
Copper			0.62	U	0.62	U	0.62	U			P
Iron			11.70	J	13.60	J	3.93	U			P
Lead			2.08	U	2.08	U	2.08	U			P
Magnesium			5.40	J	6.80	J	10.10	J			P
Manganese			0.57	U	0.57	U	0.57	U			P
Nickel			1.26	U	1.26	U	1.26	U			P
Potassium			43.65	U	43.65	U	43.65	U			P
Silver			0.46	U	0.46	U	0.46	U			P
Sodium			69.17	U	69.17	U	69.17	U			P
Thallium			5.50	J	2.08	U	-3.10	J			P
Vanadium			0.91	U	0.91	U	0.91	U			P
Zinc			1.70	U	1.70	U	1.70	U			P

Comments:

METALS

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BLANKS

Contract: R1613206

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 104-18

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			9.19	U	9.19	U	9.19	U			P
Antimony			4.97	U	4.97	U	4.97	U			P
Arsenic			4.93	U	4.93	U	4.93	U			P
Barium			3.30	J	2.30	J	2.00	J			P
Beryllium			0.12	U	0.12	U	0.12	U			P
Cadmium			0.30	J	0.20	J	0.20	U			P
Calcium			133.23	U	133.23	U					P
Chromium			0.27	U	0.27	U	0.27	U			P
Cobalt			1.14	U	1.14	U	1.14	U			P
Copper			0.62	U	0.62	U	0.62	U			P
Iron			3.93	U	3.93	U	3.93	U			P
Lead			2.08	U	2.08	U	2.08	U			P
Magnesium			6.90	J	6.40	J	5.50	J			P
Manganese			0.57	U	0.57	U	0.57	U			P
Nickel			1.26	U	1.26	U					P
Potassium			43.65	U	43.65	U	43.65	U			P
Silver			0.46	U	0.46	U	0.46	U			P
Sodium			69.17	U	69.17	U	69.17	U			P
Thallium			3.30	J	5.00	J	2.08	U			P
Vanadium			0.91	U	0.91	U	0.91	U			P
Zinc			1.70	U	1.70	U	1.70	U			P

Comments:

METALS

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BLANKS

Contract: R1613206

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 104-18

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			9.19	U							P
Antimony			4.97	U							P
Arsenic			4.93	U							P
Barium			1.50	J							P
Beryllium			0.12	U							P
Cadmium			0.20	J							P
Chromium			0.27	U							P
Cobalt			1.14	U							P
Copper			0.62	U							P
Iron			3.93	U							P
Lead			2.08	U							P
Magnesium			9.10	J							P
Manganese			0.57	U							P
Potassium			43.65	U							P
Silver			0.46	U							P
Sodium			69.17	U							P
Thallium			2.08	U							P
Vanadium			0.91	U							P
Zinc			1.70	U							P

Comments:

ALS Environmental

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

104-18S

Contract: R1613206

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 104-18

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 78.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		3550.00		3190.00		242.0	149		P
Antimony	75 - 125	53.90		0.21	U	60.6	89		P
Arsenic	75 - 125	6.26		1.95		4.8	90		P
Barium	75 - 125	277.00		40.90		242.0	98		P
Beryllium	75 - 125	5.94		0.13	J	6.1	95		P
Cadmium	75 - 125	6.23		0.61	J	6.1	92		P
Mercury	75 - 125	0.204		0.013	J	0.21	91		CV
Calcium	75 - 125	928.00		710.00		254.0	86		P
Chromium	75 - 125	29.40		16.30		24.2	54	N	P
Cobalt	75 - 125	63.60		3.47	J	60.6	99		P
Copper	75 - 125	44.30		19.30		30.3	83		P
Iron		8220.00		9440.00		121.0	-1008		P
Lead	75 - 125	84.00		36.60		60.6	78		P
Magnesium		1570.00		1330.00		242.0	99		P
Manganese	75 - 125	215.00		183.00		60.6	53	N	P
Nickel	75 - 125	68.80		6.74		63.6	98		P
Potassium	75 - 125	2610.00		520.00		2420.0	86		P
Selenium	75 - 125	109.00		0.75	U	122.0	89		P
Silver	75 - 125	5.71		0.06	U	6.1	94		P
Sodium	75 - 125	2370.00		55.60	J	2420.0	96		P
Thallium	75 - 125	220.00		0.64	U	242.0	91		P
Vanadium	75 - 125	65.90		6.97		60.6	97		P
Zinc	75 - 125	122.00		115.00		60.6	12	N	P

Comments: _____

ALS Environmental

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

104-18SD

Contract: R1613206

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 104-18

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 78.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		3620.00		3190.00		250.0	172		P
Antimony	75 - 125	55.10		0.21	U	62.4	88		P
Arsenic	75 - 125	6.25		1.95		5.0	86		P
Barium	75 - 125	284.00		40.90		250.0	97		P
Beryllium	75 - 125	6.15		0.13	J	6.2	97		P
Cadmium	75 - 125	6.50		0.61	J	6.2	95		P
Mercury	75 - 125	0.213		0.013	J	0.21	95		CV
Calcium	75 - 125	970.00		710.00		252.0	103		P
Chromium	75 - 125	30.50		16.30		24.9	57	N	P
Cobalt	75 - 125	65.70		3.47	J	62.4	100		P
Copper	75 - 125	45.00		19.30		31.2	82		P
Iron		8320.00		9440.00		125.0	-896		P
Lead	75 - 125	80.40		36.60		62.4	70	N	P
Magnesium		1550.00		1330.00		250.0	88		P
Manganese	75 - 125	216.00		183.00		62.4	53	N	P
Nickel	75 - 125	68.00		6.74		63.0	97		P
Potassium	75 - 125	2710.00		520.00		2490.0	88		P
Selenium	75 - 125	113.00		0.75	U	126.0	90		P
Silver	75 - 125	5.91		0.06	U	6.2	95		P
Sodium	75 - 125	2450.00		55.60	J	2490.0	96		P
Thallium	75 - 125	227.00		0.64	U	250.0	91		P
Vanadium	75 - 125	68.60		6.97		62.4	99		P
Zinc	75 - 125	118.00		115.00		62.4	5	N	P

Comments: _____

ALS Environmental

METALS
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DUPLICATES

SAMPLE NO.: 104-18SD

Contract: R1613206

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 104-18

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 78.6 % Solids for Duplicate: 78.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		3550.00		3620.00		2		P
Antimony		53.90		55.10		2		P
Arsenic		6.26		6.25		0		P
Barium		277.00		284.00		2		P
Beryllium		5.94		6.15		3		P
Cadmium		6.23		6.50		4		P
Mercury		0.204		0.213		4		CV
Calcium		928.00		970.00		4		P
Chromium		29.40		30.50		4		P
Cobalt		63.60		65.70		3		P
Copper		44.30		45.00		2		P
Iron		8220.00		8320.00		1		P
Lead		84.00		80.40		4		P
Magnesium		1570.00		1550.00		1		P
Manganese		215.00		216.00		0		P
Nickel		68.80		68.00		1		P
Potassium		2610.00		2710.00		4		P
Selenium		109.00		113.00		4		P
Silver		5.71		5.91		3		P
Sodium		2370.00		2450.00		3		P
Thallium		220.00		227.00		3		P
Vanadium		65.90		68.60		4		P
Zinc		122.00		118.00		3		P

Comments:

METALS

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LABORATORY CONTROL SAMPLE

Contract: R1613206

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 104-18

Solid LCS Source: CPI

Aqueous LCS Source:

Analyte	Aqueous (ug/L True	Found	%R	Solid (mg/K True	Found	C	Limits		%R
Aluminum				200	189.47		160	240	95
Antimony				50	47.38		40	60	95
Arsenic				4	4.36		3.2	4.8	109
Barium				200	204.17		160	240	102
Beryllium				5	4.82		4	6	96
Cadmium				5	4.97		4	6	99
Mercury				0.166	0.16		.133	.199	96
Calcium				200	181.64		160	240	91
Chromium				20	20.04		16	24	100
Cobalt				50	50.95		40	60	102
Copper				25	24.95		20	30	100
Iron				100	106.07		80	120	106
Lead				50	49.72		40	60	99
Magnesium				200	187.06		160	240	94
Manganese				50	49.05		40	60	98
Nickel				50	50.40		40	60	101
Potassium				2000	1897.13		1600	2400	95
Selenium				101	90.21		80.8	121	89
Silver				5	4.74		4	6	95
Sodium				2000	1914.04		1600	2400	96
Thallium				200	179.32		160	240	90
Vanadium				50	50.43		40	60	101
Zinc				50	47.64		40	60	95

Comments: _____

General Chemistry

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	Dry
Lab Code:	R1613206-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/Kg	0.10	0.02	1	12/29/16 14:57	12/27/16	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project:	Fortino Tire/251592	**Date Collected:**	12/15/16
Sample Matrix:	Soil	**Date Received:**	12/15/16
		Date Analyzed:	12/29/16
		Date Extracted:	12/27/16

Duplicate Matrix Spike Summary
Cyanide, Total

Sample Name:	104-18	**Units:**	mg/Kg
Lab Code:	R1613206-001	**Basis:**	Dry
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike			Duplicate Matrix Spike					
		R1613206-001MS			R1613206-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Total	0.11 U	1.18	1.14	104	1.15	1.14	101	10-159	2	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613206
Project	Fortino Tire/251592	**Date Collected:**	12/15/16
Sample Matrix:	Soil	**Date Received:**	12/15/16
		Date Analyzed:	12/27/16

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	104-18	**Units:**	Percent
Lab Code:	R1613206-001	**Basis:**	As Received

Analyte Name	Analysis Method	MRL	Sample Result	Duplicate Sample R1613206-001DUP Result	Average	RPD	RPD Limit
Total Solids	ALS SOP	-	78.6	77.0	77.8	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/29/16

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R1613206-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Total	9012B	1.05	1.00	105	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613206
Date Analyzed: 12/29/16

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R1613206-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Total	9012B	4.01	4.00	100	85-115

February 16, 2017 Service Request No:R1613247

Mr. Marc Flanagan
TRC Environmental Corporation
10 Maxwell Drive
Suite 200
Clifton Park, NY 12065

Laboratory Results for: Fortino Tire

Dear Mr.Flanagan,

Enclosed are the results of the sample(s) submitted to our laboratory December 21, 2016
For your reference, these analyses have been assigned our service request number **R1613247.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental



Janice Jaeger
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

1565 Jefferson Rd, Building 300, Rochester, NY 14623 | 585-288-5380 | www.alsglobal.com

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request:R1613247
Date Received:12/17/16 - 12/21/16

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier IV, validation deliverables including all summary forms and associated raw data. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Any parameters that are not included in the lab's NELAC accreditation are identified on a "Non-Certified Analytes" report in the Miscellaneous Forms Section of this report. Individual analytical results requiring further explanation are flagged with qualifiers and/or discussed below. The flags are explained in the Report Qualifiers and Definitions page in the Miscellaneous Forms section of this report.

Sample Receipt

Twenty water samples were received for analysis at ALS Environmental on 12/19-21/2016. Any discrepancies noted upon initial sample inspection are noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at ≤6°C upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Please note: The dissolved sample for FT-GW-109 appeared to have more dissolved solid material present in the bottle than the total. The sample labels were checked and verified.

Volatile Organic Analyses:

Method 8260C, 12/22/16: The upper control limit was exceeded for Carbon Tetrachloride, Dibromochloromethane and trans-1,3-Dichloropropene in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260C, 12/22/16: The upper control criterion was exceeded for Carbon Tetrachloride in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Method 8260C, 12/27/16: The upper control limit was exceeded for Bromoform, Carbon Tetrachloride, Dibromochloromethane and trans-1,3-Dichloropropene in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260C, 12/27/16: The lower control limit was exceeded for Bromomethane in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260C, 12/27/16: The upper control criterion was exceeded for Bromoform, Carbon Tetrachloride and Dibromochloromethane in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Semi-Volatile Organic Analyses:

Approved by _____ Date 2/16/2017

Method 8270D, 12/22/16: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8270D, 12/28/16: The upper control limit was exceeded for 4-Nitrophenol in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8082, 12/28/16: The matrix spike recovery of one or more of the spiked analytes was outside of control limits because of sample heterogeneity. The sample contained a background concentration of the analyte such that sample heterogeneity significantly affected the spike recovery calculation. No further corrective action was required. Samples contained different amounts of sediment but were all the same color.

Metals Analyses:

No significant anomalies were noted with this analysis.

General Chemistry Analyses:

Method 9012B, R1613247-003, 004, 005, 011, 015, 016, #: The Method Reporting Limit (MRL) was elevated due to reactivity of the sample.

Approved by _____ Date 2/16/2017

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:**R1613247
Project: Fortino Tire/251592

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1613247-001	FT-GW-107	12/16/2016	0855
R1613247-002	FT-GW-107 Dissolved	12/16/2016	0855
R1613247-003	FT-GW-109	12/16/2016	1000
R1613247-004	FT-GW-109 Dissolved	12/16/2016	1000
R1613247-005	FT-GW-110	12/16/2016	1210
R1613247-006	FT-GW-110 Dissolved	12/16/2016	1210
R1613247-007	FT-GW-111	12/16/2016	1100
R1613247-008	FT-GW-112	12/16/2016	1130
R1613247-009	TRIP BLANK 1	12/16/2016	
R1613247-010	GW-106	12/19/2016	1045
R1613247-011	GW-103	12/19/2016	1155
R1613247-012	GW-103 Dissolved	12/19/2016	1155
R1613247-013	FT-GW-101	12/20/2016	1050
R1613247-014	FT-GW-101 Dissolved	12/20/2016	1050
R1613247-015	FT-GW-104	12/20/2016	0950
R1613247-016	FT-GW-104 Dissolved	12/20/2016	0950
R1613247-017	FT-GW-108	12/20/2016	0910
R1613247-018	FT-GW-105	12/20/2016	1425
R1613247-019	FT-GW-105 Dissolved	12/20/2016	1425
R1613247-020	TRIP BLANK 2	12/20/2016	

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

42278

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 1

Project Name: Fortino Tire	Project Number: 251592
Project Manager: Marc Flanagan	Report CC:
Company/Address: 10 maxwell drive, Suite 200, Clifton Park, NY	
Phone #: 518-925-9690	Email: npeterson@trcsolutions.com
Sampler's Signature:	Sampler's Printed Name: Nathaniel Peterson

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	Cyanide - total	Cyanide - dis	PCBs - dis
FT-GW-101		12/20	1050	W	15	X	X		X	X	X	X	X	X	X
FT-GW-104		12/20	0950	W	15	X	X		X	X	X	X	X	V	X
FT-GW-108		12/20	0910	W	1		X		X	X	X	X			
FT-GW-105		12/19	14:25	W	15	X	X		X	X	X	X	X	X	X
FT-GW-105-MS		12/19	14:25	W	15	X	X		X	X	X	X	X	X	X
FT-GW-105-MSD		12/19	14:25	W	15	X	X		X	X	X	X	X	X	X

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS

Metals Hg + cyanide (Cat B)

only half bottle collected at 108 for PCBs, analyze if possible.

See QAPP ☐

TURNAROUND REQUIREMENTS

____ RUSH (SURCHARGES APPLY)

____ 1 day ____ 2 day ____ 3 day

____ 4 day ____ 5 day

REQUESTED REPORT DATE

REPORT REQUIREMENTS

____ I. Results Only

____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

Edata ____Yes ____No

INVOICE INFORMATION

PO #

BILL TO:

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	
Printed Name: Nathaniel Peterson	Printed Name: Chris Wright	Printed Name: Chris Wright	Printed Name	Printed Name	
Firm: TRC	Firm: ALS	Firm: ALS	Firm	Firm	
Date/Time: 12/20 15:05	Date/Time: 12/20/14 1505	Date/Time: 12/21/14 0920	Date/Time: 12/21/14 0920	Date/Time	

R1613247 5

TRC Environmental Corporation
Fortino Tire

Distribution: White - Lab Copy; Yellow - Return to Originator

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Cooler Receipt and Preservation Check Form

R1613247 5
TRC Environmental Corporation
Fortino Tire

Project/Client TRC Folder Number

Cooler received on 12/21/16 by: @/GE/T.S COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y (N)	5a	Perchlorate samples have required headspace?	Y N (NA)
2	Custody papers properly completed (ink, signed)?	(Y) N	5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	(Y) N NA
3	Did all bottles arrive in good condition (unbroken)?	(Y) N	6	Where did the bottles originate?	(ALS/ROC) CLIENT
4	Circle: Wet Ice Dry Ice Gel packs present?	Y (N)	7	Soil VOA received as: Bulk Encore 5035set	(NA)

8. Temperature Readings Date: 12/21/16 Time: 0922 ID: IR#7 (IR#8) From: (Temp Blank) Sample Bottle

Observed Temp (°C)	3.3	1.7	2.3	2.0	1.0		
Correction Factor (°C)	+0.9						
Corrected Temp (°C)	4.2	2.6	3.2	2.9	1.9		
Within 0-6°C?	(Y) N	(Y) N	(Y) N	(Y) N	(Y) N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: 7-002 by @ on 12/21/16 at 0927
5035 samples placed in storage location: _____ by _____ on _____ at _____

Cooler Breakdown: Date: 12/21/16 Time: 1025 by: @

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? (YES) NO
2. Did all bottle labels and tags agree with custody papers? YES (NO)
3. Were correct containers used for the tests indicated? (YES) NO
4. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
5. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated (N/A)

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH	✓		177057	12/17				
≤2	HNO_3	✓		BDB26156H	10/17				
≤2	H_2SO_4								
<4	$NaHSO_4$								
Residual Chlorine (-)	For CN Phenol and 522	✓		If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
	$Na_2S_2O_3$	-	-						
	ZnAcetate	-	-						
	HCl	**	**	4115022	12/17				

Yes=All samples OK

No=Samples were preserved at The lab as listed

PM OK to Adjust: _____

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: 1024/16-2HNO, 6-195-001, 062016-2HNO, 101016-1BLT

Other Comments:

Headspace: FT-GW-105-MSD (Vial) FT-GW-105-MS (Vial)

Reid Trip Blanks not on COC

all but 1, Set of Trip Blank vial frozen & broken

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

PC Secondary Review: HMS 12/21/16 *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

42279

1565 Jefferson Road, Building 300, Suite 360 ◦ Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 1

Project Name: Fortino tire	Project Number: 251592
Project Manager: Marc Flanagan	Report CC:
Company/Address: 10 Maxwell dr, Suite 200, Clifton Park, NY	
Phone #: 518 928 9690	Email: npeterson@trcsolutions.com
Sampler's Signature:	Sampler's Printed Name: Nathaniel Peterson

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ◦ 8260 ◦ 624 ◦ CLP	GC/MS SVOAs ◦ 8270 ◦ 625	GC VOAs ◦ 8021 ◦ 601/602	PESTICIDES ◦ 8081 ◦ 608	PCBs ◦ 8082 ◦ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	cyanide, total	cyanide, dissolved	PCB, dissolved					
106-14		12/14	1150	S	6	X	X	X		X	X	X								
106-8		12/14	1135	S	6	X	X	X		X	X	X								
106-19		12/14	1205	S	6	X	X	X		X	X	X								
107-12		12/14	1020	S	6	X	X	X		X	X	X								
107-16		12/14	1025	S	6	X	X	X		X	X	X								
107-2		12/14	950	S	6	X	X	X		X	X	X								
107-8		12/14	1000	S	6	X	X	X		X	X	X								
107-19		12/14	1030	S	6	X	X	X		X	X	X								
GW-106		12/14	1045	W	3					X	X									
GW-103		12/14	1155	W	15	X	X		X	X	X	X	X	X	X					

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS
Metals H_2, Cyanide
(Cat B)

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day

REQUESTED REPORT DATE _____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data

Edata _____Yes _____No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	
Printed Name: Nathaniel Peterson	Printed Name: EMOSLEY	Printed Name: EMOSLEY	Printed Name: Daniel Mac	Printed Name	
Firm: TRC	Firm: ALS	Firm: ALS	Firm: ALS	Firm	
Date/Time: 12/19 13:35	Date/Time: 12/19/16 1335	Date/Time: 12/19/16 1510	Date/Time: 12/19/16/1510	Date/Time	

R1613247
TRC Environmental Corporation
Fortino Tire
5

Distribution: White - Lab Copy; Yellow - Return to Originator

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Cooler Receipt and Preservation Check Form

R1613247 5
TRC Environmental Corporation
Fortino Tire

Project/Client TRC Folder Number R1613247

Cooler received on 12/14/16 by: DW

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y N NA	5a	**Perchlorate** samples have required headspace?	Y N NA
2	**Custody papers** properly completed (ink, signed)?	Y N	5b	Did VOA vials, Alk, or Sulfide have sig* **bubbles**?	Y N NA
3	Did all bottles arrive in good **condition** (unbroken)?	Y N	6	Where did the bottles originate?	ALS/ROC CLIENT
4	Circle: ~~Wet Ice~~ **Dry Ice** **Gel packs** present?	Y N	7	Soil VOA received as:	Bulk Encore ~~5035set~~ ~~NA~~ 12/19/16

8. Temperature Readings Date: 12/19/16 Time: 1510 ID: ~~IR#7~~ IR#8 From: Temp Blank ~~Sample Bottle~~

Observed Temp (°C)	5.1	0.9	5.2				
Correction Factor (°C)	+0.5	IO:0	+0.5				
Corrected Temp (°C)	5.6	0.9	5.7				
Within 0-6°C?	Y N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-002 by DW on 12/19/16 at 1510
5035 samples placed in storage location: _____ by _____ on _____ at _____

Cooler Breakdown: Date: 12/19/16 Time: 1909 by: DW

1. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO ~~NA~~
5. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated ~~NA~~

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH	✓		177057	12/17				
≤2	HNO_3	✓		8057615611	10/17				
≤2	H_2SO_4								
<4	$NaHSO_4$								
Residual Chlorine (-)	For CN Phenol and 522	✓		If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
	$Na_2S_2O_3$	-	-						
	ZnAcetate	-	-						
	HCl	**	**	411502Z	12/17				

Yes=All samples OK

No=Samples were preserved at The lab as listed

PM OK to Adjust: _____

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: G-145-007, 102416-ZAHW, 062016-ZAHW, 091216-IBLT
Other Comments:

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

PC Secondary Review: [signature] 12/24/16 *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

42277

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 1

Project Name: Fortino Tire	Project Number: 251592
Project Manager: Marc Flanagan	Report CC:
Company/Address: 10 Maxwell Dr, Suite 200, Clifton Park, NY	
Phone #: 518 925 9690	Email: npeterson@trcsolutions.com
Sampler's Signature: Nathaniel Peterson	Sampler's Printed Name: Nathaniel Peterson

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608 (total)	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	Cyanide, total	Cyanide, dissolved	PCBs, dissolved					REMARKS/ ALTERNATE DESCRIPTION
FT-GW-107		12/16	855	W	15	X	X		X	X	X	X	X	X	X					
FT-GW-109		12/16	1000	W	15	X	X		X	X	X	X	X	X	X					
FT-GW-110		12/16	1210	W	15	X	X		X	X	X	X	X	X	X					
FT-GW-111		12/16	1100	W	2					X										
FT-GW-112		12/16	1130	W	3					X	X									metals bottle not full, complete if possible

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals
cat B

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day
Standard
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
Edata _____ Yes _____ No

INVOICE INFORMATION
PO #
BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Nathaniel Peterson	Signature: D. Ayers	Signature: D. Ayers	Signature:	Signature	Signature
Printed Name: Nathaniel Peterson	Printed Name: DINA AYERS	Printed Name: DINA AYERS	Printed Name: Trainee Seminega	Printed Name	
Firm: TRC	Firm: ALS	Firm: ALS	Firm: ALS	Firm	
Date/Time: 12/16 16:20	Date/Time: 12/16/16 1620	Date/Time: 12/16/16 1700	Date/Time: 12/17 1035	Date/Time	

R1613247
TRC Environmental Corporation
Fortino Tire
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Group

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

42277

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Project Name: Fortino Tire	Project Number: 251592
Project Manager: Marc Flanagan	Report CC:
Company/Address: 10 Maxwell Dr, Suite 200, Clifton Park, NY	
Phone #: 518 925 9690	Email: npeterson@trcsolutions.com
Sampler's Signature: Nathaniel Peterson	Sampler's Printed Name: Nathaniel Peterson

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBS ○ 8082 ○ 608 (Total)	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	Cyanide, total	Cyanide, dissolved	PCBs, dissolved					REMARKS/ ALTERNATE DESCRIPTION
FT-GW-107		12/16	355	W	15	X	X		X	X	X	X	X	X	X					
FT-GW-109		12/16	1000	W	15	X	X		X	X	X	X	X	X	X					
FT-GW-110		12/16	1210	W	15	X	X		X	X	X	X	X	X	X					
FT-GW-111		12/16	1100	W	2					X										
FT-GW-112		12/16	1130	W	3					X	X									metals bottle not full, complete if possible

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals
cat B

See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 1 day ____ 2 day ____ 3 day
____ 4 day ____ 5 day
Standard
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
Edata ____ Yes ____ No

INVOICE INFORMATION
PO #
BILL TO:

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Nathaniel Peterson	Signature: D. Avers	Signature: D. Avers	Signature:	Signature:	Signature:
Printed Name: Nathaniel Peterson	Printed Name: DINA AVERS	Printed Name: DINA AVERS	Printed Name:	Printed Name:	Printed Name:
Firm: TRC	Firm: ALS	Firm: ALS	Firm:	Firm:	Firm:
Date/Time: 12/16 16:20	Date/Time: 12/16/16 1620	Date/Time: 12/16/16 1706	Date/Time:	Date/Time:	Date/Time:

Distribution: White - Lab Copy; Yellow - Return to Originator

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R1613247 5
TRC Environmental Corporation
Fortino Tire

Cooler Receipt and Preservation Check Form

Project/Client TRC Folder Number

Cooler received on 12/17 by: TS COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y N	5a	Perchlorate samples have required headspace?	Y N NA
2	Custody papers properly completed (ink, signed)?	Y N	5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	Y N NA
3	Did all bottles arrive in good condition (unbroken)?	Y N	6	Where did the bottles originate?	ALS/ROC CLIENT
4	Circle: Wet Ice Dry Ice Gel packs present?	Y N	7	Soil VOA received as: Bulk Encore 5035set	NA

8. Temperature Readings Date: 12/17 Time: 12HY 1052 ID: IR#7 IR#8 From: Temp Blank Sample Bottle

Observed Temp (°C)	0.9	1.5	0.8				
Correction Factor (°C)	+.9	+.9	+.9				
Corrected Temp (°C)	1.8	2.4	1.7				
Within 0-6°C?	Y N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: ROC2 by TS on 12/16 at 1650
5035 samples placed in storage location: _____ by _____ on _____ at _____

Cooler Breakdown: Date: 12/19 Time: 0905 by: TS

1. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
5. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH	X		171057	12/17				
≤2	HNO_3	X		13D3261561	10/17				
≤2	H_2SO_4								
<4	$NaHSO_4$								
Residual Chlorine (-)	For CN Phenol and 522	X		If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
	$Na_2S_2O_3$	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

Yes=All samples OK

No=Samples were preserved at The lab as listed

PM OK to Adjust: _____

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: G62016-2444 102416-2440, 101616-1BLT, 6-195-001

Other Comments:

* all 3 trip blanks arrived broken (frozen)
1 of 3 trip banks broken
(1 set of trip blanks per cooler)

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

PC Secondary Review: JMM 12/19/16 Significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an ñimmediateò hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Delaware Accredited	Nebraska Accredited	
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047	North Carolina #676	Virginia #460167

[1] Analyses were performed according to our laboratoryôs NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

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Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592		

Sample Name:	FT-GW-107	**Date Collected:**	12/16/16
Lab Code:	R1613247-001	**Date Received:**	12/17/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		DLIPANI
8270D	DMURPHY	JMISIUREWICZ
9012B	KABBOTT	KABBOTT

Sample Name:	FT-GW-107 Dissolved	**Date Collected:**	12/16/16
Lab Code:	R1613247-002	**Date Received:**	12/17/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8082A	DMURPHY	MPEDRO
9012B	KABBOTT	KABBOTT

Sample Name:	FT-GW-109	**Date Collected:**	12/16/16
Lab Code:	R1613247-003	**Date Received:**	12/17/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		DLIPANI
8270D	DMURPHY	JMISIUREWICZ
9012B	KABBOTT	KABBOTT

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592		

Sample Name:	FT-GW-109 Dissolved	**Date Collected:**	12/16/16
Lab Code:	R1613247-004	**Date Received:**	12/17/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8082A	DMURPHY	MPEDRO
9012B	KABBOTT	KABBOTT

Sample Name:	FT-GW-110	**Date Collected:**	12/16/16
Lab Code:	R1613247-005	**Date Received:**	12/17/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		DLIPANI
8270D	DMURPHY	JMISIUREWICZ
9012B	KABBOTT	KABBOTT

Sample Name:	FT-GW-110 Dissolved	**Date Collected:**	12/16/16
Lab Code:	R1613247-006	**Date Received:**	12/17/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8082A	DMURPHY	MPEDRO
9012B	KABBOTT	KABBOTT

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613247
Project: Fortino Tire/251592

Sample Name: FT-GW-111 **Date Collected:** 12/16/16
Lab Code: R1613247-007 **Date Received:** 12/17/16
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8082A	DMURPHY	MPEDRO

Sample Name: FT-GW-112 **Date Collected:** 12/16/16
Lab Code: R1613247-008 **Date Received:** 12/17/16
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8082A	DMURPHY	MPEDRO

Sample Name: TRIP BLANK 1 **Date Collected:** 12/16/16
Lab Code: R1613247-009 **Date Received:** 12/17/16
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

Sample Name: GW-106 **Date Collected:** 12/19/16
Lab Code: R1613247-010 **Date Received:** 12/19/16
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8082A	DMURPHY	MPEDRO

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Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592		

Sample Name:	GW-103	**Date Collected:**	12/19/16
Lab Code:	R1613247-011	**Date Received:**	12/19/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		DLIPANI
8270D	DMURPHY	JMISIUREWICZ
9012B	KABBOTT	KABBOTT

Sample Name:	GW-103 Dissolved	**Date Collected:**	12/19/16
Lab Code:	R1613247-012	**Date Received:**	12/19/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8082A	DMURPHY	MPEDRO
9012B	KABBOTT	KABBOTT

Sample Name:	FT-GW-101	**Date Collected:**	12/20/16
Lab Code:	R1613247-013	**Date Received:**	12/21/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		DLIPANI
8270D	DMURPHY	JMISIUREWICZ
9012B	KABBOTT	KABBOTT

ALS Group USA, Corp.
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Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592		

Sample Name:	FT-GW-101 Dissolved	**Date Collected:**	12/20/16
Lab Code:	R1613247-014	**Date Received:**	12/21/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8082A	DMURPHY	MPEDRO
9012B	KABBOTT	KABBOTT

Sample Name:	FT-GW-104	**Date Collected:**	12/20/16
Lab Code:	R1613247-015	**Date Received:**	12/21/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		DLIPANI
8270D	DMURPHY	JMISIUREWICZ
9012B	KABBOTT	KABBOTT

Sample Name:	FT-GW-104 Dissolved	**Date Collected:**	12/20/16
Lab Code:	R1613247-016	**Date Received:**	12/21/16
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8082A	DMURPHY	MPEDRO
9012B	KABBOTT	KABBOTT

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Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613247
Project: Fortino Tire/251592

Sample Name: FT-GW-108 **Date Collected:** 12/20/16
Lab Code: R1613247-017 **Date Received:** 12/21/16
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8082A	DMURPHY	MPEDRO

Sample Name: FT-GW-105 **Date Collected:** 12/20/16
Lab Code: R1613247-018 **Date Received:** 12/21/16
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		DLIPANI
8270D	DMURPHY	JMISIUREWICZ
9012B	KABBOTT	KABBOTT

Sample Name: FT-GW-105 Dissolved **Date Collected:** 12/20/16
Lab Code: R1613247-019 **Date Received:** 12/21/16
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7470A	CBURLESON	CBURLESON
8082A	DMURPHY	MPEDRO
9012B	KABBOTT	KABBOTT

Sample Name: TRIP BLANK 2 **Date Collected:** 12/20/16
Lab Code: R1613247-020 **Date Received:** 12/21/16
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		DLIPANI

INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 08:55
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-107	**Units:**	ug/L
Lab Code:	R1613247-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.36	1	12/22/16 17:40	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.25	1	12/22/16 17:40	
1,1,2-Trichloroethane	1.0	U	1.0	0.34	1	12/22/16 17:40	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	1	12/22/16 17:40	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.20	1	12/22/16 17:40	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.57	1	12/22/16 17:40	
1,2,3-Trichlorobenzene	1.0	U	1.0	0.82	1	12/22/16 17:40	
1,2,4-Trichlorobenzene	1.0	U	1.0	0.23	1	12/22/16 17:40	
1,2-Dibromo-3-chloropropane (DBCP)	2.0	U	2.0	0.74	1	12/22/16 17:40	
1,2-Dibromoethane	1.0	U	1.0	0.24	1	12/22/16 17:40	
1,2-Dichlorobenzene	1.0	U	1.0	0.21	1	12/22/16 17:40	
1,2-Dichloroethane	1.0	U	1.0	0.36	1	12/22/16 17:40	
1,2-Dichloropropane	1.0	U	1.0	0.20	1	12/22/16 17:40	
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	12/22/16 17:40	
1,4-Dichlorobenzene	**0.20**	**J**	1.0	0.20	1	12/22/16 17:40	
1,4-Dioxane	40	U	40	20	1	12/22/16 17:40	
2-Butanone (MEK)	5.0	U	5.0	0.81	1	12/22/16 17:40	
2-Hexanone	5.0	U	5.0	1.7	1	12/22/16 17:40	
4-Methyl-2-pentanone	5.0	U	5.0	0.67	1	12/22/16 17:40	
Acetone	**7.8**		5.0	1.3	1	12/22/16 17:40	
Benzene	**4.8**		1.0	0.20	1	12/22/16 17:40	
Bromochloromethane	1.0	U	1.0	0.32	1	12/22/16 17:40	
Bromodichloromethane	1.0	U	1.0	0.32	1	12/22/16 17:40	
Bromoform	1.0	U	1.0	0.42	1	12/22/16 17:40	
Bromomethane	**0.36**	**BJ**	1.0	0.29	1	12/22/16 17:40	
Carbon Disulfide	1.0	U	1.0	0.22	1	12/22/16 17:40	
Carbon Tetrachloride	1.0	U	1.0	0.45	1	12/22/16 17:40	
Chlorobenzene	1.0	U	1.0	0.29	1	12/22/16 17:40	
Chloroethane	**0.25**	**J**	1.0	0.24	1	12/22/16 17:40	
Chloroform	1.0	U	1.0	0.25	1	12/22/16 17:40	
Chloromethane	**0.22**	**J**	1.0	0.21	1	12/22/16 17:40	
Cyclohexane	1.0	U	1.0	0.25	1	12/22/16 17:40	
Dibromochloromethane	1.0	U	1.0	0.31	1	12/22/16 17:40	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.46	1	12/22/16 17:40	
Dichloromethane	1.0	U	1.0	0.60	1	12/22/16 17:40	
Ethylbenzene	**6.3**		1.0	0.20	1	12/22/16 17:40	
Isopropylbenzene (Cumene)	**0.56**	**J**	1.0	0.20	1	12/22/16 17:40	
Methyl Acetate	2.0	U	2.0	0.43	1	12/22/16 17:40	
Methyl tert-Butyl Ether	1.0	U	1.0	0.29	1	12/22/16 17:40	
Methylcyclohexane	1.0	U	1.0	0.27	1	12/22/16 17:40	
Styrene	**0.24**	**J**	1.0	0.20	1	12/22/16 17:40	
Tetrachloroethene (PCE)	1.0	U	1.0	0.30	1	12/22/16 17:40	
Toluene	**4.8**		1.0	0.20	1	12/22/16 17:40	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 08:55
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-107	**Units:**	ug/L
Lab Code:	R1613247-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/22/16 17:40	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/22/16 17:40	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/22/16 17:40	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/22/16 17:40	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/22/16 17:40	
m,p-Xylenes	**2.6**	2.0	0.33	1	12/22/16 17:40	
o-Xylene	**2.2**	1.0	0.20	1	12/22/16 17:40	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/22/16 17:40	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/22/16 17:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	12/22/16 17:40	
Dibromofluoromethane	98	89 - 119	12/22/16 17:40	
Toluene-d8	106	87 - 121	12/22/16 17:40	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000115-07-1	Propene	1.06	25	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 10:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-109	**Units:**	ug/L
Lab Code:	R1613247-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	12/22/16 18:10	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	12/22/16 18:10	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	12/22/16 18:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	12/22/16 18:10	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	12/22/16 18:10	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	12/22/16 18:10	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	12/22/16 18:10	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	12/22/16 18:10	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	12/22/16 18:10	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	12/22/16 18:10	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	12/22/16 18:10	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	12/22/16 18:10	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	12/22/16 18:10	
1,3-Dichlorobenzene	**0.46 J**	1.0	0.20	1	12/22/16 18:10	
1,4-Dichlorobenzene	**1.1**	1.0	0.20	1	12/22/16 18:10	
1,4-Dioxane	40 U	40	20	1	12/22/16 18:10	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	12/22/16 18:10	
2-Hexanone	5.0 U	5.0	1.7	1	12/22/16 18:10	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	12/22/16 18:10	
Acetone	**9.7**	5.0	1.3	1	12/22/16 18:10	
Benzene	**2.0**	1.0	0.20	1	12/22/16 18:10	
Bromochloromethane	1.0 U	1.0	0.32	1	12/22/16 18:10	
Bromodichloromethane	1.0 U	1.0	0.32	1	12/22/16 18:10	
Bromoform	1.0 U	1.0	0.42	1	12/22/16 18:10	
Bromomethane	**0.30 BJ**	1.0	0.29	1	12/22/16 18:10	
Carbon Disulfide	1.0 U	1.0	0.22	1	12/22/16 18:10	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	12/22/16 18:10	
Chlorobenzene	1.0 U	1.0	0.29	1	12/22/16 18:10	
Chloroethane	**0.28 J**	1.0	0.24	1	12/22/16 18:10	
Chloroform	1.0 U	1.0	0.25	1	12/22/16 18:10	
Chloromethane	**0.35 J**	1.0	0.21	1	12/22/16 18:10	
Cyclohexane	1.0 U	1.0	0.25	1	12/22/16 18:10	
Dibromochloromethane	1.0 U	1.0	0.31	1	12/22/16 18:10	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	12/22/16 18:10	
Dichloromethane	1.0 U	1.0	0.60	1	12/22/16 18:10	
Ethylbenzene	**5.9**	1.0	0.20	1	12/22/16 18:10	
Isopropylbenzene (Cumene)	**0.69 J**	1.0	0.20	1	12/22/16 18:10	
Methyl Acetate	2.0 U	2.0	0.43	1	12/22/16 18:10	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	12/22/16 18:10	
Methylcyclohexane	1.0 U	1.0	0.27	1	12/22/16 18:10	
Styrene	1.0 U	1.0	0.20	1	12/22/16 18:10	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	12/22/16 18:10	
Toluene	**0.86 J**	1.0	0.20	1	12/22/16 18:10	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 10:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-109	**Units:**	ug/L
Lab Code:	R1613247-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/22/16 18:10	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/22/16 18:10	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/22/16 18:10	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/22/16 18:10	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/22/16 18:10	
m,p-Xylenes	**2.6**	2.0	0.33	1	12/22/16 18:10	
o-Xylene	**3.8**	1.0	0.20	1	12/22/16 18:10	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/22/16 18:10	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/22/16 18:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	12/22/16 18:10	
Dibromofluoromethane	102	89 - 119	12/22/16 18:10	
Toluene-d8	110	87 - 121	12/22/16 18:10	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 12:10
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-110	**Units:**	ug/L
Lab Code:	R1613247-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	12/22/16 18:40	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	12/22/16 18:40	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	12/22/16 18:40	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	12/22/16 18:40	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	12/22/16 18:40	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	12/22/16 18:40	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	12/22/16 18:40	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	12/22/16 18:40	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	12/22/16 18:40	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	12/22/16 18:40	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	12/22/16 18:40	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	12/22/16 18:40	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	12/22/16 18:40	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	12/22/16 18:40	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	12/22/16 18:40	
1,4-Dioxane	40 U	40	20	1	12/22/16 18:40	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	12/22/16 18:40	
2-Hexanone	5.0 U	5.0	1.7	1	12/22/16 18:40	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	12/22/16 18:40	
Acetone	**6.2**	5.0	1.3	1	12/22/16 18:40	
Benzene	1.0 U	1.0	0.20	1	12/22/16 18:40	
Bromochloromethane	1.0 U	1.0	0.32	1	12/22/16 18:40	
Bromodichloromethane	1.0 U	1.0	0.32	1	12/22/16 18:40	
Bromoform	1.0 U	1.0	0.42	1	12/22/16 18:40	
Bromomethane	1.0 U	1.0	0.29	1	12/22/16 18:40	
Carbon Disulfide	1.0 U	1.0	0.22	1	12/22/16 18:40	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	12/22/16 18:40	
Chlorobenzene	1.0 U	1.0	0.29	1	12/22/16 18:40	
Chloroethane	1.0 U	1.0	0.24	1	12/22/16 18:40	
Chloroform	1.0 U	1.0	0.25	1	12/22/16 18:40	
Chloromethane	1.0 U	1.0	0.21	1	12/22/16 18:40	
Cyclohexane	1.0 U	1.0	0.25	1	12/22/16 18:40	
Dibromochloromethane	1.0 U	1.0	0.31	1	12/22/16 18:40	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	12/22/16 18:40	
Dichloromethane	1.0 U	1.0	0.60	1	12/22/16 18:40	
Ethylbenzene	1.0 U	1.0	0.20	1	12/22/16 18:40	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	12/22/16 18:40	
Methyl Acetate	2.0 U	2.0	0.43	1	12/22/16 18:40	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	12/22/16 18:40	
Methylcyclohexane	1.0 U	1.0	0.27	1	12/22/16 18:40	
Styrene	1.0 U	1.0	0.20	1	12/22/16 18:40	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	12/22/16 18:40	
Toluene	1.0 U	1.0	0.20	1	12/22/16 18:40	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 12:10
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-110	**Units:**	ug/L
Lab Code:	R1613247-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/22/16 18:40	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/22/16 18:40	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/22/16 18:40	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/22/16 18:40	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/22/16 18:40	
m,p-Xylenes	2.0 U	2.0	0.33	1	12/22/16 18:40	
o-Xylene	1.0 U	1.0	0.20	1	12/22/16 18:40	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/22/16 18:40	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/22/16 18:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	12/22/16 18:40	
Dibromofluoromethane	101	89 - 119	12/22/16 18:40	
Toluene-d8	108	87 - 121	12/22/16 18:40	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	TRIP BLANK 1	**Units:**	ug/L
Lab Code:	R1613247-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	12/22/16 16:40	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	12/22/16 16:40	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	12/22/16 16:40	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	12/22/16 16:40	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	12/22/16 16:40	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	12/22/16 16:40	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	12/22/16 16:40	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	12/22/16 16:40	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	12/22/16 16:40	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	12/22/16 16:40	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	12/22/16 16:40	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	12/22/16 16:40	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	12/22/16 16:40	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	12/22/16 16:40	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	12/22/16 16:40	
1,4-Dioxane	40 U	40	20	1	12/22/16 16:40	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	12/22/16 16:40	
2-Hexanone	5.0 U	5.0	1.7	1	12/22/16 16:40	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	12/22/16 16:40	
Acetone	5.0 U	5.0	1.3	1	12/22/16 16:40	
Benzene	1.0 U	1.0	0.20	1	12/22/16 16:40	
Bromochloromethane	1.0 U	1.0	0.32	1	12/22/16 16:40	
Bromodichloromethane	1.0 U	1.0	0.32	1	12/22/16 16:40	
Bromoform	1.0 U	1.0	0.42	1	12/22/16 16:40	
Bromomethane	**0.35 BJ**	1.0	0.29	1	12/22/16 16:40	
Carbon Disulfide	1.0 U	1.0	0.22	1	12/22/16 16:40	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	12/22/16 16:40	
Chlorobenzene	1.0 U	1.0	0.29	1	12/22/16 16:40	
Chloroethane	1.0 U	1.0	0.24	1	12/22/16 16:40	
Chloroform	1.0 U	1.0	0.25	1	12/22/16 16:40	
Chloromethane	1.0 U	1.0	0.21	1	12/22/16 16:40	
Cyclohexane	1.0 U	1.0	0.25	1	12/22/16 16:40	
Dibromochloromethane	1.0 U	1.0	0.31	1	12/22/16 16:40	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	12/22/16 16:40	
Dichloromethane	1.0 U	1.0	0.60	1	12/22/16 16:40	
Ethylbenzene	1.0 U	1.0	0.20	1	12/22/16 16:40	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	12/22/16 16:40	
Methyl Acetate	2.0 U	2.0	0.43	1	12/22/16 16:40	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	12/22/16 16:40	
Methylcyclohexane	1.0 U	1.0	0.27	1	12/22/16 16:40	
Styrene	1.0 U	1.0	0.20	1	12/22/16 16:40	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	12/22/16 16:40	
Toluene	1.0 U	1.0	0.20	1	12/22/16 16:40	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	TRIP BLANK 1	**Units:**	ug/L
Lab Code:	R1613247-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/22/16 16:40	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/22/16 16:40	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/22/16 16:40	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/22/16 16:40	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/22/16 16:40	
m,p-Xylenes	2.0 U	2.0	0.33	1	12/22/16 16:40	
o-Xylene	1.0 U	1.0	0.20	1	12/22/16 16:40	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/22/16 16:40	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/22/16 16:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	12/22/16 16:40	
Dibromofluoromethane	99	89 - 119	12/22/16 16:40	
Toluene-d8	109	87 - 121	12/22/16 16:40	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 11:55
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-103	**Units:**	ug/L
Lab Code:	R1613247-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.36	1	12/22/16 19:10	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.25	1	12/22/16 19:10	
1,1,2-Trichloroethane	1.0	U	1.0	0.34	1	12/22/16 19:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	1	12/22/16 19:10	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.20	1	12/22/16 19:10	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.57	1	12/22/16 19:10	
1,2,3-Trichlorobenzene	1.0	U	1.0	0.82	1	12/22/16 19:10	
1,2,4-Trichlorobenzene	1.0	U	1.0	0.23	1	12/22/16 19:10	
1,2-Dibromo-3-chloropropane (DBCP)	2.0	U	2.0	0.74	1	12/22/16 19:10	
1,2-Dibromoethane	1.0	U	1.0	0.24	1	12/22/16 19:10	
1,2-Dichlorobenzene	1.0	U	1.0	0.21	1	12/22/16 19:10	
1,2-Dichloroethane	1.0	U	1.0	0.36	1	12/22/16 19:10	
1,2-Dichloropropane	1.0	U	1.0	0.20	1	12/22/16 19:10	
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	12/22/16 19:10	
1,4-Dichlorobenzene	**0.65**	**J**	1.0	0.20	1	12/22/16 19:10	
1,4-Dioxane	40	U	40	20	1	12/22/16 19:10	
2-Butanone (MEK)	5.0	U	5.0	0.81	1	12/22/16 19:10	
2-Hexanone	5.0	U	5.0	1.7	1	12/22/16 19:10	
4-Methyl-2-pentanone	**1.2**	**J**	5.0	0.67	1	12/22/16 19:10	
Acetone	**7.9**		5.0	1.3	1	12/22/16 19:10	
Benzene	**6.1**		1.0	0.20	1	12/22/16 19:10	
Bromochloromethane	1.0	U	1.0	0.32	1	12/22/16 19:10	
Bromodichloromethane	1.0	U	1.0	0.32	1	12/22/16 19:10	
Bromoform	1.0	U	1.0	0.42	1	12/22/16 19:10	
Bromomethane	**0.31**	**BJ**	1.0	0.29	1	12/22/16 19:10	
Carbon Disulfide	1.0	U	1.0	0.22	1	12/22/16 19:10	
Carbon Tetrachloride	1.0	U	1.0	0.45	1	12/22/16 19:10	
Chlorobenzene	**1.2**		1.0	0.29	1	12/22/16 19:10	
Chloroethane	1.0	U	1.0	0.24	1	12/22/16 19:10	
Chloroform	1.0	U	1.0	0.25	1	12/22/16 19:10	
Chloromethane	1.0	U	1.0	0.21	1	12/22/16 19:10	
Cyclohexane	1.0	U	1.0	0.25	1	12/22/16 19:10	
Dibromochloromethane	1.0	U	1.0	0.31	1	12/22/16 19:10	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.46	1	12/22/16 19:10	
Dichloromethane	1.0	U	1.0	0.60	1	12/22/16 19:10	
Ethylbenzene	**4.5**		1.0	0.20	1	12/22/16 19:10	
Isopropylbenzene (Cumene)	**0.52**	**J**	1.0	0.20	1	12/22/16 19:10	
Methyl Acetate	2.0	U	2.0	0.43	1	12/22/16 19:10	
Methyl tert-Butyl Ether	1.0	U	1.0	0.29	1	12/22/16 19:10	
Methylcyclohexane	1.0	U	1.0	0.27	1	12/22/16 19:10	
Styrene	**0.33**	**J**	1.0	0.20	1	12/22/16 19:10	
Tetrachloroethene (PCE)	1.0	U	1.0	0.30	1	12/22/16 19:10	
Toluene	**4.0**		1.0	0.20	1	12/22/16 19:10	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 11:55
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-103	**Units:**	ug/L
Lab Code:	R1613247-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/22/16 19:10	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/22/16 19:10	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/22/16 19:10	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/22/16 19:10	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/22/16 19:10	
m,p-Xylenes	**2.5**	2.0	0.33	1	12/22/16 19:10	
o-Xylene	**1.6**	1.0	0.20	1	12/22/16 19:10	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/22/16 19:10	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/22/16 19:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	12/22/16 19:10	
Dibromofluoromethane	101	89 - 119	12/22/16 19:10	
Toluene-d8	109	87 - 121	12/22/16 19:10	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000115-07-1	Propene	1.05	17	JN
000115-11-7	1-Propene, 2-methyl-	1.25	5.2	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 10:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-101	**Units:**	ug/L
Lab Code:	R1613247-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	12/22/16 19:40	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	12/22/16 19:40	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	12/22/16 19:40	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	12/22/16 19:40	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	12/22/16 19:40	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	12/22/16 19:40	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	12/22/16 19:40	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	12/22/16 19:40	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	12/22/16 19:40	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	12/22/16 19:40	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	12/22/16 19:40	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	12/22/16 19:40	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	12/22/16 19:40	
1,3-Dichlorobenzene	**0.21 J**	1.0	0.20	1	12/22/16 19:40	
1,4-Dichlorobenzene	**0.62 J**	1.0	0.20	1	12/22/16 19:40	
1,4-Dioxane	40 U	40	20	1	12/22/16 19:40	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	12/22/16 19:40	
2-Hexanone	5.0 U	5.0	1.7	1	12/22/16 19:40	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	12/22/16 19:40	
Acetone	**8.0**	5.0	1.3	1	12/22/16 19:40	
Benzene	**7.2**	1.0	0.20	1	12/22/16 19:40	
Bromochloromethane	1.0 U	1.0	0.32	1	12/22/16 19:40	
Bromodichloromethane	1.0 U	1.0	0.32	1	12/22/16 19:40	
Bromoform	1.0 U	1.0	0.42	1	12/22/16 19:40	
Bromomethane	1.0 U	1.0	0.29	1	12/22/16 19:40	
Carbon Disulfide	1.0 U	1.0	0.22	1	12/22/16 19:40	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	12/22/16 19:40	
Chlorobenzene	**0.40 J**	1.0	0.29	1	12/22/16 19:40	
Chloroethane	1.0 U	1.0	0.24	1	12/22/16 19:40	
Chloroform	1.0 U	1.0	0.25	1	12/22/16 19:40	
Chloromethane	1.0 U	1.0	0.21	1	12/22/16 19:40	
Cyclohexane	1.0 U	1.0	0.25	1	12/22/16 19:40	
Dibromochloromethane	1.0 U	1.0	0.31	1	12/22/16 19:40	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	12/22/16 19:40	
Dichloromethane	1.0 U	1.0	0.60	1	12/22/16 19:40	
Ethylbenzene	**0.59 J**	1.0	0.20	1	12/22/16 19:40	
Isopropylbenzene (Cumene)	**1.6**	1.0	0.20	1	12/22/16 19:40	
Methyl Acetate	2.0 U	2.0	0.43	1	12/22/16 19:40	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	12/22/16 19:40	
Methylcyclohexane	1.0 U	1.0	0.27	1	12/22/16 19:40	
Styrene	1.0 U	1.0	0.20	1	12/22/16 19:40	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	12/22/16 19:40	
Toluene	**1.4**	1.0	0.20	1	12/22/16 19:40	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 10:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-101	**Units:**	ug/L
Lab Code:	R1613247-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/22/16 19:40	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/22/16 19:40	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/22/16 19:40	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/22/16 19:40	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/22/16 19:40	
m,p-Xylenes	**14**	2.0	0.33	1	12/22/16 19:40	
o-Xylene	**4.3**	1.0	0.20	1	12/22/16 19:40	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/22/16 19:40	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/22/16 19:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	12/22/16 19:40	
Dibromofluoromethane	100	89 - 119	12/22/16 19:40	
Toluene-d8	110	87 - 121	12/22/16 19:40	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000420-56-4	Silane, fluorotrimethyl-	1.35	11	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	10.95	5.3	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	11.16	9.9	JN
000620-14-4	Benzene, 1-ethyl-3-methyl-	11.48	5.4	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-104	**Units:**	ug/L
Lab Code:	R1613247-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	12/27/16 17:28	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	12/27/16 17:28	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	12/27/16 17:28	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	12/27/16 17:28	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	12/27/16 17:28	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	12/27/16 17:28	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	12/27/16 17:28	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	12/27/16 17:28	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	12/27/16 17:28	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	12/27/16 17:28	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	12/27/16 17:28	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	12/27/16 17:28	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	12/27/16 17:28	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	12/27/16 17:28	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	12/27/16 17:28	
1,4-Dioxane	40 U	40	20	1	12/27/16 17:28	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	12/27/16 17:28	
2-Hexanone	5.0 U	5.0	1.7	1	12/27/16 17:28	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	12/27/16 17:28	
Acetone	**8.5**	5.0	1.3	1	12/27/16 17:28	
Benzene	**3.5**	1.0	0.20	1	12/27/16 17:28	
Bromochloromethane	1.0 U	1.0	0.32	1	12/27/16 17:28	
Bromodichloromethane	1.0 U	1.0	0.32	1	12/27/16 17:28	
Bromoform	1.0 U	1.0	0.42	1	12/27/16 17:28	
Bromomethane	1.0 U	1.0	0.29	1	12/27/16 17:28	
Carbon Disulfide	**0.24 J**	1.0	0.22	1	12/27/16 17:28	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	12/27/16 17:28	
Chlorobenzene	1.0 U	1.0	0.29	1	12/27/16 17:28	
Chloroethane	1.0 U	1.0	0.24	1	12/27/16 17:28	
Chloroform	1.0 U	1.0	0.25	1	12/27/16 17:28	
Chloromethane	1.0 U	1.0	0.21	1	12/27/16 17:28	
Cyclohexane	1.0 U	1.0	0.25	1	12/27/16 17:28	
Dibromochloromethane	1.0 U	1.0	0.31	1	12/27/16 17:28	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	12/27/16 17:28	
Dichloromethane	1.0 U	1.0	0.60	1	12/27/16 17:28	
Ethylbenzene	**1.2**	1.0	0.20	1	12/27/16 17:28	
Isopropylbenzene (Cumene)	**1.5**	1.0	0.20	1	12/27/16 17:28	
Methyl Acetate	2.0 U	2.0	0.43	1	12/27/16 17:28	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	12/27/16 17:28	
Methylcyclohexane	1.0 U	1.0	0.27	1	12/27/16 17:28	
Styrene	1.0 U	1.0	0.20	1	12/27/16 17:28	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	12/27/16 17:28	
Toluene	**0.89 J**	1.0	0.20	1	12/27/16 17:28	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-104	**Units:**	ug/L
Lab Code:	R1613247-015	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/27/16 17:28	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/27/16 17:28	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/27/16 17:28	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/27/16 17:28	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/27/16 17:28	
m,p-Xylenes	**1.7 J**	2.0	0.33	1	12/27/16 17:28	
o-Xylene	**1.8**	1.0	0.20	1	12/27/16 17:28	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/27/16 17:28	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/27/16 17:28	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	12/27/16 17:28	
Dibromofluoromethane	102	89 - 119	12/27/16 17:28	
Toluene-d8	111	87 - 121	12/27/16 17:28	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 14:25
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.36	1	12/22/16 17:10	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.25	1	12/22/16 17:10	
1,1,2-Trichloroethane	1.0	U	1.0	0.34	1	12/22/16 17:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	1	12/22/16 17:10	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.20	1	12/22/16 17:10	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.57	1	12/22/16 17:10	
1,2,3-Trichlorobenzene	1.0	U	1.0	0.82	1	12/22/16 17:10	
1,2,4-Trichlorobenzene	1.0	U	1.0	0.23	1	12/22/16 17:10	
1,2-Dibromo-3-chloropropane (DBCP)	2.0	U	2.0	0.74	1	12/22/16 17:10	
1,2-Dibromoethane	1.0	U	1.0	0.24	1	12/22/16 17:10	
1,2-Dichlorobenzene	1.0	U	1.0	0.21	1	12/22/16 17:10	
1,2-Dichloroethane	1.0	U	1.0	0.36	1	12/22/16 17:10	
1,2-Dichloropropane	1.0	U	1.0	0.20	1	12/22/16 17:10	
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	12/22/16 17:10	
1,4-Dichlorobenzene	1.0	U	1.0	0.20	1	12/22/16 17:10	
1,4-Dioxane	40	U	40	20	1	12/22/16 17:10	
2-Butanone (MEK)	5.0	U	5.0	0.81	1	12/22/16 17:10	
2-Hexanone	5.0	U	5.0	1.7	1	12/22/16 17:10	
4-Methyl-2-pentanone	5.0	U	5.0	0.67	1	12/22/16 17:10	
Acetone	**5.9**		5.0	1.3	1	12/22/16 17:10	
Benzene	1.0	U	1.0	0.20	1	12/22/16 17:10	
Bromochloromethane	1.0	U	1.0	0.32	1	12/22/16 17:10	
Bromodichloromethane	1.0	U	1.0	0.32	1	12/22/16 17:10	
Bromoform	1.0	U	1.0	0.42	1	12/22/16 17:10	
Bromomethane	**0.29**	**BJ**	1.0	0.29	1	12/22/16 17:10	
Carbon Disulfide	1.0	U	1.0	0.22	1	12/22/16 17:10	
Carbon Tetrachloride	1.0	U	1.0	0.45	1	12/22/16 17:10	
Chlorobenzene	1.0	U	1.0	0.29	1	12/22/16 17:10	
Chloroethane	1.0	U	1.0	0.24	1	12/22/16 17:10	
Chloroform	1.0	U	1.0	0.25	1	12/22/16 17:10	
Chloromethane	1.0	U	1.0	0.21	1	12/22/16 17:10	
Cyclohexane	1.0	U	1.0	0.25	1	12/22/16 17:10	
Dibromochloromethane	1.0	U	1.0	0.31	1	12/22/16 17:10	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.46	1	12/22/16 17:10	
Dichloromethane	1.0	U	1.0	0.60	1	12/22/16 17:10	
Ethylbenzene	1.0	U	1.0	0.20	1	12/22/16 17:10	
Isopropylbenzene (Cumene)	1.0	U	1.0	0.20	1	12/22/16 17:10	
Methyl Acetate	2.0	U	2.0	0.43	1	12/22/16 17:10	
Methyl tert-Butyl Ether	1.0	U	1.0	0.29	1	12/22/16 17:10	
Methylcyclohexane	1.0	U	1.0	0.27	1	12/22/16 17:10	
Styrene	1.0	U	1.0	0.20	1	12/22/16 17:10	
Tetrachloroethene (PCE)	1.0	U	1.0	0.30	1	12/22/16 17:10	
Toluene	**0.20**	**J**	1.0	0.20	1	12/22/16 17:10	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 14:25
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/22/16 17:10	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/22/16 17:10	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/22/16 17:10	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/22/16 17:10	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/22/16 17:10	
m,p-Xylenes	2.0 U	2.0	0.33	1	12/22/16 17:10	
o-Xylene	1.0 U	1.0	0.20	1	12/22/16 17:10	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/22/16 17:10	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/22/16 17:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	12/22/16 17:10	
Dibromofluoromethane	99	89 - 119	12/22/16 17:10	
Toluene-d8	113	87 - 121	12/22/16 17:10	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	TRIP BLANK 2	**Units:**	ug/L
Lab Code:	R1613247-020	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	12/27/16 16:57	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	12/27/16 16:57	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	12/27/16 16:57	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	12/27/16 16:57	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	12/27/16 16:57	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	12/27/16 16:57	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	12/27/16 16:57	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	12/27/16 16:57	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	12/27/16 16:57	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	12/27/16 16:57	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	12/27/16 16:57	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	12/27/16 16:57	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	12/27/16 16:57	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	12/27/16 16:57	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	12/27/16 16:57	
1,4-Dioxane	40 U	40	20	1	12/27/16 16:57	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	12/27/16 16:57	
2-Hexanone	5.0 U	5.0	1.7	1	12/27/16 16:57	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	12/27/16 16:57	
Acetone	5.0 U	5.0	1.3	1	12/27/16 16:57	
Benzene	1.0 U	1.0	0.20	1	12/27/16 16:57	
Bromochloromethane	1.0 U	1.0	0.32	1	12/27/16 16:57	
Bromodichloromethane	1.0 U	1.0	0.32	1	12/27/16 16:57	
Bromoform	1.0 U	1.0	0.42	1	12/27/16 16:57	
Bromomethane	**0.31 BJ**	1.0	0.29	1	12/27/16 16:57	
Carbon Disulfide	1.0 U	1.0	0.22	1	12/27/16 16:57	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	12/27/16 16:57	
Chlorobenzene	1.0 U	1.0	0.29	1	12/27/16 16:57	
Chloroethane	1.0 U	1.0	0.24	1	12/27/16 16:57	
Chloroform	1.0 U	1.0	0.25	1	12/27/16 16:57	
Chloromethane	1.0 U	1.0	0.21	1	12/27/16 16:57	
Cyclohexane	1.0 U	1.0	0.25	1	12/27/16 16:57	
Dibromochloromethane	1.0 U	1.0	0.31	1	12/27/16 16:57	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	12/27/16 16:57	
Dichloromethane	1.0 U	1.0	0.60	1	12/27/16 16:57	
Ethylbenzene	1.0 U	1.0	0.20	1	12/27/16 16:57	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	12/27/16 16:57	
Methyl Acetate	2.0 U	2.0	0.43	1	12/27/16 16:57	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	12/27/16 16:57	
Methylcyclohexane	1.0 U	1.0	0.27	1	12/27/16 16:57	
Styrene	1.0 U	1.0	0.20	1	12/27/16 16:57	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	12/27/16 16:57	
Toluene	1.0 U	1.0	0.20	1	12/27/16 16:57	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	TRIP BLANK 2	**Units:**	ug/L
Lab Code:	R1613247-020	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/27/16 16:57	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/27/16 16:57	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/27/16 16:57	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/27/16 16:57	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/27/16 16:57	
m,p-Xylenes	2.0 U	2.0	0.33	1	12/27/16 16:57	
o-Xylene	1.0 U	1.0	0.20	1	12/27/16 16:57	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/27/16 16:57	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/27/16 16:57	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	12/27/16 16:57	
Dibromofluoromethane	99	89 - 119	12/27/16 16:57	
Toluene-d8	109	87 - 121	12/27/16 16:57	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Semivolatile Organic Compounds by GC/MS

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 08:55
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-107	**Units:**	ug/L
Lab Code:	R1613247-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	12/22/16 12:12	12/21/16	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	12/22/16 12:12	12/21/16	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	12/22/16 12:12	12/21/16	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	12/22/16 12:12	12/21/16	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	12/22/16 12:12	12/21/16	
2,4-Dimethylphenol	**11**	9.4	1.5	1	12/22/16 12:12	12/21/16	
2,4-Dinitrophenol	47 U	47	20	1	12/22/16 12:12	12/21/16	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	12/22/16 12:12	12/21/16	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	12/22/16 12:12	12/21/16	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
2-Chlorophenol	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
2-Methylnaphthalene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
2-Methylphenol	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
2-Nitroaniline	47 U	47	9.1	1	12/22/16 12:12	12/21/16	
2-Nitrophenol	9.4 U	9.4	1.4	1	12/22/16 12:12	12/21/16	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	12/22/16 12:12	12/21/16	
3- and 4-Methylphenol Coelution	9.4 U	9.4	2.0	1	12/22/16 12:12	12/21/16	
3-Nitroaniline	47 U	47	7.7	1	12/22/16 12:12	12/21/16	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	12/22/16 12:12	12/21/16	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	12/22/16 12:12	12/21/16	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	12/22/16 12:12	12/21/16	
4-Chloroaniline	9.4 U	9.4	1.5	1	12/22/16 12:12	12/21/16	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	12/22/16 12:12	12/21/16	
4-Nitroaniline	47 U	47	7.8	1	12/22/16 12:12	12/21/16	
4-Nitrophenol	47 U	47	5.9	1	12/22/16 12:12	12/21/16	
Acenaphthene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Acenaphthylene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Acetophenone	9.4 U	9.4	1.6	1	12/22/16 12:12	12/21/16	
Anthracene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Atrazine	9.4 U	9.4	2.7	1	12/22/16 12:12	12/21/16	
Benz(a)anthracene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Benzaldehyde	47 U	47	3.3	1	12/22/16 12:12	12/21/16	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Biphenyl	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	12/22/16 12:12	12/21/16	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	12/22/16 12:12	12/21/16	
Bis(2-ethylhexyl) Phthalate	**5.7 J**	9.4	1.2	1	12/22/16 12:12	12/21/16	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	12/22/16 12:12	12/21/16	
Caprolactam	9.4 U	9.4	1.8	1	12/22/16 12:12	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 08:55
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-107	**Units:**	ug/L
Lab Code:	R1613247-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	12/22/16 12:12	12/21/16	
Chrysene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Di-n-octyl Phthalate	9.4 U	9.4	1.2	1	12/22/16 12:12	12/21/16	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	12/22/16 12:12	12/21/16	
Dibenzofuran	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Diethyl Phthalate	**1.1 J**	9.4	1.0	1	12/22/16 12:12	12/21/16	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Fluoranthene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Fluorene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Hexachlorobenzene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	12/22/16 12:12	12/21/16	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Hexachloroethane	9.4 U	9.4	1.2	1	12/22/16 12:12	12/21/16	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	12/22/16 12:12	12/21/16	
Isophorone	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	12/22/16 12:12	12/21/16	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Naphthalene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Nitrobenzene	9.4 U	9.4	1.6	1	12/22/16 12:12	12/21/16	
Pentachlorophenol (PCP)	47 U	47	6.9	1	12/22/16 12:12	12/21/16	
Phenanthrene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Phenol	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	
Pyrene	9.4 U	9.4	1.0	1	12/22/16 12:12	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	78	35 - 141	12/22/16 12:12	
2-Fluorobiphenyl	68	31 - 118	12/22/16 12:12	
2-Fluorophenol	40	10 - 105	12/22/16 12:12	
Nitrobenzene-d5	63	31 - 110	12/22/16 12:12	
Phenol-d6	29	10 - 107	12/22/16 12:12	
Terphenyl-d14	73	30 - 133	12/22/16 12:12	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	10.29	7.9	J
000080-05-7	Phenol, 4,4'-(1-methylethylidene)b	10.52	8.7	JN
000464-49-3	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	5.56	8.1	JN
	unknown	5.88	9.0	J
	unknown	5.98	12	J
	unknown	6.16	22	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 08:55
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-107	**Units:**	ug/L
Lab Code:	R1613247-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	6.59	13	J
	unknown	6.63	8.5	J
000644-36-0	o-Tolylacetic acid	6.68	14	JN
	unknown	6.75	6.2	J
	unknown	6.97	13	J
	unknown	7.09	8.7	J
1000342-65-5	2,5-Dimethylphenylacetic acid	7.18	7.3	JN
042288-46-0	3,5-Dimethylphenylacetic acid	7.30	7.9	JN
	unknown	7.35	9.4	J
	unknown	7.67	9.6	J
	unknown	7.75	8.1	J
000934-34-9	2(3H)-Benzothiazolone	8.44	57	JN
013674-84-5	2-Propanol, 1-chloro-, phosphate (	8.87	16	JN
003622-84-2	Benzenesulfonamide, N-butyl-	8.88	11	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 10:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-109	**Units:**	ug/L
Lab Code:	R1613247-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	12/22/16 18:01	12/21/16	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	12/22/16 18:01	12/21/16	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	12/22/16 18:01	12/21/16	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	12/22/16 18:01	12/21/16	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	12/22/16 18:01	12/21/16	
2,4-Dimethylphenol	**8.0 J**	9.4	1.5	1	12/22/16 18:01	12/21/16	
2,4-Dinitrophenol	47 U	47	20	1	12/22/16 18:01	12/21/16	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	12/22/16 18:01	12/21/16	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	12/22/16 18:01	12/21/16	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
2-Chlorophenol	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
2-Methylnaphthalene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
2-Methylphenol	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
2-Nitroaniline	47 U	47	9.1	1	12/22/16 18:01	12/21/16	
2-Nitrophenol	9.4 U	9.4	1.4	1	12/22/16 18:01	12/21/16	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	12/22/16 18:01	12/21/16	
3- and 4-Methylphenol Coelution	9.4 U	9.4	2.0	1	12/22/16 18:01	12/21/16	
3-Nitroaniline	47 U	47	7.7	1	12/22/16 18:01	12/21/16	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	12/22/16 18:01	12/21/16	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	12/22/16 18:01	12/21/16	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	12/22/16 18:01	12/21/16	
4-Chloroaniline	9.4 U	9.4	1.5	1	12/22/16 18:01	12/21/16	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	12/22/16 18:01	12/21/16	
4-Nitroaniline	47 U	47	7.8	1	12/22/16 18:01	12/21/16	
4-Nitrophenol	47 U	47	5.9	1	12/22/16 18:01	12/21/16	
Acenaphthene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Acenaphthylene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Acetophenone	9.4 U	9.4	1.6	1	12/22/16 18:01	12/21/16	
Anthracene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Atrazine	9.4 U	9.4	2.7	1	12/22/16 18:01	12/21/16	
Benz(a)anthracene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Benzaldehyde	47 U	47	3.3	1	12/22/16 18:01	12/21/16	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Biphenyl	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	12/22/16 18:01	12/21/16	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	12/22/16 18:01	12/21/16	
Bis(2-ethylhexyl) Phthalate	**21**	9.4	1.2	1	12/22/16 18:01	12/21/16	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	12/22/16 18:01	12/21/16	
Caprolactam	9.4 U	9.4	1.8	1	12/22/16 18:01	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 10:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-109	**Units:**	ug/L
Lab Code:	R1613247-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	12/22/16 18:01	12/21/16	
Chrysene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Di-n-octyl Phthalate	**1.7 J**	9.4	1.2	1	12/22/16 18:01	12/21/16	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	12/22/16 18:01	12/21/16	
Dibenzofuran	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Diethyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Fluoranthene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Fluorene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Hexachlorobenzene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	12/22/16 18:01	12/21/16	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Hexachloroethane	9.4 U	9.4	1.2	1	12/22/16 18:01	12/21/16	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	12/22/16 18:01	12/21/16	
Isophorone	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	12/22/16 18:01	12/21/16	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Naphthalene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Nitrobenzene	9.4 U	9.4	1.6	1	12/22/16 18:01	12/21/16	
Pentachlorophenol (PCP)	47 U	47	6.9	1	12/22/16 18:01	12/21/16	
Phenanthrene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Phenol	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	
Pyrene	9.4 U	9.4	1.0	1	12/22/16 18:01	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	79	35 - 141	12/22/16 18:01	
2-Fluorobiphenyl	70	31 - 118	12/22/16 18:01	
2-Fluorophenol	40	10 - 105	12/22/16 18:01	
Nitrobenzene-d5	70	31 - 110	12/22/16 18:01	
Phenol-d6	31	10 - 107	12/22/16 18:01	
Terphenyl-d14	78	30 - 133	12/22/16 18:01	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	10.53	5.7	J
	unknown	10.70	27	J
002094-97-5	1,3-Oxathiolane	2.99	9.5	JN
	unknown	4.99	7.6	J
	unknown	5.22	6.5	J
003302-10-1	Hexanoic acid, 3,5,5-trimethyl-	5.38	8.1	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 10:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-109	**Units:**	ug/L
Lab Code:	R1613247-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000076-22-2	Camphor	5.56	11	JN
	unknown	5.75	6.9	J
	unknown	6.03	6.2	J
	unknown	6.27	6.4	J
	unknown	6.37	7.5	J
000085-44-9	Phthalic anhydride	6.55	13	JN
	unknown	6.62	5.7	J
	unknown	6.96	5.3	J
	unknown	7.34	5.1	J
	unknown	7.59	8.8	J
000934-34-9	2(3H)-Benzothiazolone	8.45	73	JN
013674-84-5	2-Propanol, 1-chloro-, phosphate (	8.87	28	JN
003622-84-2	Benzenesulfonamide, N-butyl-	8.88	8.2	JN
	unknown	9.12	6.2	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 12:10
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-110	**Units:**	ug/L
Lab Code:	R1613247-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	12/22/16 13:10	12/21/16	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	12/22/16 13:10	12/21/16	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	12/22/16 13:10	12/21/16	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	12/22/16 13:10	12/21/16	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	12/22/16 13:10	12/21/16	
2,4-Dimethylphenol	9.4 U	9.4	1.5	1	12/22/16 13:10	12/21/16	
2,4-Dinitrophenol	47 U	47	20	1	12/22/16 13:10	12/21/16	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	12/22/16 13:10	12/21/16	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	12/22/16 13:10	12/21/16	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
2-Chlorophenol	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
2-Methylnaphthalene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
2-Methylphenol	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
2-Nitroaniline	47 U	47	9.1	1	12/22/16 13:10	12/21/16	
2-Nitrophenol	9.4 U	9.4	1.4	1	12/22/16 13:10	12/21/16	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	12/22/16 13:10	12/21/16	
3- and 4-Methylphenol Coelution	9.4 U	9.4	2.0	1	12/22/16 13:10	12/21/16	
3-Nitroaniline	47 U	47	7.7	1	12/22/16 13:10	12/21/16	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	12/22/16 13:10	12/21/16	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	12/22/16 13:10	12/21/16	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	12/22/16 13:10	12/21/16	
4-Chloroaniline	9.4 U	9.4	1.5	1	12/22/16 13:10	12/21/16	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	12/22/16 13:10	12/21/16	
4-Nitroaniline	47 U	47	7.8	1	12/22/16 13:10	12/21/16	
4-Nitrophenol	47 U	47	5.9	1	12/22/16 13:10	12/21/16	
Acenaphthene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Acenaphthylene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Acetophenone	9.4 U	9.4	1.6	1	12/22/16 13:10	12/21/16	
Anthracene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Atrazine	9.4 U	9.4	2.7	1	12/22/16 13:10	12/21/16	
Benz(a)anthracene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Benzaldehyde	47 U	47	3.3	1	12/22/16 13:10	12/21/16	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Biphenyl	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	12/22/16 13:10	12/21/16	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	12/22/16 13:10	12/21/16	
Bis(2-ethylhexyl) Phthalate	9.4 U	9.4	1.2	1	12/22/16 13:10	12/21/16	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	12/22/16 13:10	12/21/16	
Caprolactam	9.4 U	9.4	1.8	1	12/22/16 13:10	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 12:10
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-110	**Units:**	ug/L
Lab Code:	R1613247-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	12/22/16 13:10	12/21/16	
Chrysene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Di-n-octyl Phthalate	9.4 U	9.4	1.2	1	12/22/16 13:10	12/21/16	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	12/22/16 13:10	12/21/16	
Dibenzofuran	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Diethyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Fluoranthene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Fluorene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Hexachlorobenzene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	12/22/16 13:10	12/21/16	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Hexachloroethane	9.4 U	9.4	1.2	1	12/22/16 13:10	12/21/16	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	12/22/16 13:10	12/21/16	
Isophorone	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	12/22/16 13:10	12/21/16	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Naphthalene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Nitrobenzene	9.4 U	9.4	1.6	1	12/22/16 13:10	12/21/16	
Pentachlorophenol (PCP)	47 U	47	6.9	1	12/22/16 13:10	12/21/16	
Phenanthrene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Phenol	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	
Pyrene	9.4 U	9.4	1.0	1	12/22/16 13:10	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	80	35 - 141	12/22/16 13:10	
2-Fluorobiphenyl	66	31 - 118	12/22/16 13:10	
2-Fluorophenol	34	10 - 105	12/22/16 13:10	
Nitrobenzene-d5	67	31 - 110	12/22/16 13:10	
Phenol-d6	24	10 - 107	12/22/16 13:10	
Terphenyl-d14	71	30 - 133	12/22/16 13:10	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	10.44	5.0	J
	unknown	10.70	11	J
	unknown	5.22	6.6	J
	unknown	7.45	7.8	J
000934-34-9	2(3H)-Benzothiazolone	8.41	4.6	JN
013674-84-5	2-Propanol, 1-chloro-, phosphate (	8.86	5.9	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 11:55
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-103	**Units:**	ug/L
Lab Code:	R1613247-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	12/22/16 13:39	12/21/16	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	12/22/16 13:39	12/21/16	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	12/22/16 13:39	12/21/16	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	12/22/16 13:39	12/21/16	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	12/22/16 13:39	12/21/16	
2,4-Dimethylphenol	**28**	9.4	1.5	1	12/22/16 13:39	12/21/16	
2,4-Dinitrophenol	47 U	47	20	1	12/22/16 13:39	12/21/16	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	12/22/16 13:39	12/21/16	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	12/22/16 13:39	12/21/16	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
2-Chlorophenol	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
2-Methylnaphthalene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
2-Methylphenol	**1.6 J**	9.4	1.0	1	12/22/16 13:39	12/21/16	
2-Nitroaniline	47 U	47	9.1	1	12/22/16 13:39	12/21/16	
2-Nitrophenol	9.4 U	9.4	1.4	1	12/22/16 13:39	12/21/16	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	12/22/16 13:39	12/21/16	
3- and 4-Methylphenol Coelution	**5.0 J**	9.4	2.0	1	12/22/16 13:39	12/21/16	
3-Nitroaniline	47 U	47	7.7	1	12/22/16 13:39	12/21/16	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	12/22/16 13:39	12/21/16	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	12/22/16 13:39	12/21/16	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	12/22/16 13:39	12/21/16	
4-Chloroaniline	9.4 U	9.4	1.5	1	12/22/16 13:39	12/21/16	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	12/22/16 13:39	12/21/16	
4-Nitroaniline	47 U	47	7.8	1	12/22/16 13:39	12/21/16	
4-Nitrophenol	47 U	47	5.9	1	12/22/16 13:39	12/21/16	
Acenaphthene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Acenaphthylene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Acetophenone	9.4 U	9.4	1.6	1	12/22/16 13:39	12/21/16	
Anthracene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Atrazine	9.4 U	9.4	2.7	1	12/22/16 13:39	12/21/16	
Benz(a)anthracene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Benzaldehyde	47 U	47	3.3	1	12/22/16 13:39	12/21/16	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Biphenyl	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	12/22/16 13:39	12/21/16	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	12/22/16 13:39	12/21/16	
Bis(2-ethylhexyl) Phthalate	**19**	9.4	1.2	1	12/22/16 13:39	12/21/16	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	12/22/16 13:39	12/21/16	
Caprolactam	9.4 U	9.4	1.8	1	12/22/16 13:39	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 11:55
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-103	**Units:**	ug/L
Lab Code:	R1613247-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	12/22/16 13:39	12/21/16	
Chrysene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Di-n-octyl Phthalate	**3.2 J**	9.4	1.2	1	12/22/16 13:39	12/21/16	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	12/22/16 13:39	12/21/16	
Dibenzofuran	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Diethyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Fluoranthene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Fluorene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Hexachlorobenzene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	12/22/16 13:39	12/21/16	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Hexachloroethane	9.4 U	9.4	1.2	1	12/22/16 13:39	12/21/16	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	12/22/16 13:39	12/21/16	
Isophorone	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	12/22/16 13:39	12/21/16	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Naphthalene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Nitrobenzene	9.4 U	9.4	1.6	1	12/22/16 13:39	12/21/16	
Pentachlorophenol (PCP)	47 U	47	6.9	1	12/22/16 13:39	12/21/16	
Phenanthrene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Phenol	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	
Pyrene	9.4 U	9.4	1.0	1	12/22/16 13:39	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	78	35 - 141	12/22/16 13:39	
2-Fluorobiphenyl	66	31 - 118	12/22/16 13:39	
2-Fluorophenol	33	10 - 105	12/22/16 13:39	
Nitrobenzene-d5	58	31 - 110	12/22/16 13:39	
Phenol-d6	24	10 - 107	12/22/16 13:39	
Terphenyl-d14	62	30 - 133	12/22/16 13:39	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	10.29	9.9	J
000080-05-7	Phenol, 4,4'-(1-methylethylidene)b	10.53	38	JN
	unknown	5.88	8.0	J
	unknown	5.97	9.2	J
	unknown	6.17	28	J
	unknown	6.29	9.4	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 11:55
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-103	**Units:**	ug/L
Lab Code:	R1613247-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000098-54-4	Phenol, p-tert-butyl-	6.37	11	JN
	unknown	6.60	9.2	J
000644-36-0	o-Tolylacetic acid	6.69	15	JN
	unknown	6.76	9.3	J
	unknown	6.97	17	J
1000342-65-5	2,5-Dimethylphenylacetic acid	7.09	11	JN
	unknown	7.20	7.5	J
	unknown	7.30	9.3	J
	unknown	7.35	9.4	J
	unknown	7.67	12	J
	unknown	7.75	8.2	J
000934-34-9	2(3H)-Benzothiazolone	8.44	57	JN
	unknown	8.87	9.0	J
003622-84-2	Benzenesulfonamide, N-butyl-	8.88	13	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 10:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-101	**Units:**	ug/L
Lab Code:	R1613247-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	12/28/16 17:30	12/22/16	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	12/28/16 17:30	12/22/16	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	12/28/16 17:30	12/22/16	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	12/28/16 17:30	12/22/16	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	12/28/16 17:30	12/22/16	
2,4-Dimethylphenol	**16**	9.4	1.5	1	12/28/16 17:30	12/22/16	
2,4-Dinitrophenol	47 U	47	20	1	12/28/16 17:30	12/22/16	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	12/28/16 17:30	12/22/16	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	12/28/16 17:30	12/22/16	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
2-Chlorophenol	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
2-Methylnaphthalene	**1.0 J**	9.4	1.0	1	12/28/16 17:30	12/22/16	
2-Methylphenol	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
2-Nitroaniline	47 U	47	9.1	1	12/28/16 17:30	12/22/16	
2-Nitrophenol	9.4 U	9.4	1.4	1	12/28/16 17:30	12/22/16	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	12/28/16 17:30	12/22/16	
3- and 4-Methylphenol Coelution	9.4 U	9.4	2.0	1	12/28/16 17:30	12/22/16	
3-Nitroaniline	47 U	47	7.7	1	12/28/16 17:30	12/22/16	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	12/28/16 17:30	12/22/16	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	12/28/16 17:30	12/22/16	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	12/28/16 17:30	12/22/16	
4-Chloroaniline	9.4 U	9.4	1.5	1	12/28/16 17:30	12/22/16	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	12/28/16 17:30	12/22/16	
4-Nitroaniline	47 U	47	7.8	1	12/28/16 17:30	12/22/16	
4-Nitrophenol	47 U	47	5.9	1	12/28/16 17:30	12/22/16	
Acenaphthene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Acenaphthylene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Acetophenone	9.4 U	9.4	1.6	1	12/28/16 17:30	12/22/16	
Anthracene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Atrazine	9.4 U	9.4	2.7	1	12/28/16 17:30	12/22/16	
Benz(a)anthracene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Benzaldehyde	47 U	47	3.3	1	12/28/16 17:30	12/22/16	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Biphenyl	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	12/28/16 17:30	12/22/16	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	12/28/16 17:30	12/22/16	
Bis(2-ethylhexyl) Phthalate	**2.1 J**	9.4	1.2	1	12/28/16 17:30	12/22/16	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	12/28/16 17:30	12/22/16	
Caprolactam	9.4 U	9.4	1.8	1	12/28/16 17:30	12/22/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 10:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-101	**Units:**	ug/L
Lab Code:	R1613247-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	12/28/16 17:30	12/22/16	
Chrysene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Di-n-octyl Phthalate	9.4 U	9.4	1.2	1	12/28/16 17:30	12/22/16	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	12/28/16 17:30	12/22/16	
Dibenzofuran	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Diethyl Phthalate	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Fluoranthene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Fluorene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Hexachlorobenzene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	12/28/16 17:30	12/22/16	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Hexachloroethane	9.4 U	9.4	1.2	1	12/28/16 17:30	12/22/16	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	12/28/16 17:30	12/22/16	
Isophorone	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	12/28/16 17:30	12/22/16	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Naphthalene	**2.4 J**	9.4	1.0	1	12/28/16 17:30	12/22/16	
Nitrobenzene	9.4 U	9.4	1.6	1	12/28/16 17:30	12/22/16	
Pentachlorophenol (PCP)	47 U	47	6.9	1	12/28/16 17:30	12/22/16	
Phenanthrene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Phenol	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	
Pyrene	9.4 U	9.4	1.0	1	12/28/16 17:30	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	71	35 - 141	12/28/16 17:30	
2-Fluorobiphenyl	60	31 - 118	12/28/16 17:30	
2-Fluorophenol	37	10 - 105	12/28/16 17:30	
Nitrobenzene-d5	71	31 - 110	12/28/16 17:30	
Phenol-d6	27	10 - 107	12/28/16 17:30	
Terphenyl-d14	79	30 - 133	12/28/16 17:30	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	10.30	12	J
000080-05-7	Phenol, 4,4'-(1-methylethylidene)b	10.54	13	JN
002094-97-5	1,3-Oxathiolane	3.00	11	JN
000108-67-8	Benzene, 1,3,5-trimethyl-	4.48	9.5	JN
	unknown	5.39	12	J
	unknown	5.56	9.9	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 10:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-101	**Units:**	ug/L
Lab Code:	R1613247-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	5.88	11	J
	unknown	5.98	11	J
	unknown	6.16	21	J
	unknown	6.30	19	J
	unknown	6.42	17	J
000621-36-3	m-Tolylacetic acid	6.65	28	JN
	unknown	6.98	15	J
	unknown	7.06	10	J
	unknown	7.09	10	J
	unknown	7.67	12	J
000934-34-9	2(3H)-Benzothiazolone	8.46	140	JN
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	8.60	12	JN
013674-84-5	2-Propanol, 1-chloro-, phosphate (	8.88	34	JN
	unknown	9.38	16	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-104	**Units:**	ug/L
Lab Code:	R1613247-015	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	12/28/16 17:57	12/22/16	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	12/28/16 17:57	12/22/16	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	12/28/16 17:57	12/22/16	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	12/28/16 17:57	12/22/16	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	12/28/16 17:57	12/22/16	
2,4-Dimethylphenol	**4.6 J**	9.4	1.5	1	12/28/16 17:57	12/22/16	
2,4-Dinitrophenol	47 U	47	20	1	12/28/16 17:57	12/22/16	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	12/28/16 17:57	12/22/16	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	12/28/16 17:57	12/22/16	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
2-Chlorophenol	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
2-Methylnaphthalene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
2-Methylphenol	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
2-Nitroaniline	47 U	47	9.1	1	12/28/16 17:57	12/22/16	
2-Nitrophenol	9.4 U	9.4	1.4	1	12/28/16 17:57	12/22/16	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	12/28/16 17:57	12/22/16	
3- and 4-Methylphenol Coelution	9.4 U	9.4	2.0	1	12/28/16 17:57	12/22/16	
3-Nitroaniline	47 U	47	7.7	1	12/28/16 17:57	12/22/16	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	12/28/16 17:57	12/22/16	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	12/28/16 17:57	12/22/16	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	12/28/16 17:57	12/22/16	
4-Chloroaniline	9.4 U	9.4	1.5	1	12/28/16 17:57	12/22/16	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	12/28/16 17:57	12/22/16	
4-Nitroaniline	47 U	47	7.8	1	12/28/16 17:57	12/22/16	
4-Nitrophenol	47 U	47	5.9	1	12/28/16 17:57	12/22/16	
Acenaphthene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Acenaphthylene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Acetophenone	9.4 U	9.4	1.6	1	12/28/16 17:57	12/22/16	
Anthracene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Atrazine	9.4 U	9.4	2.7	1	12/28/16 17:57	12/22/16	
Benz(a)anthracene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Benzaldehyde	47 U	47	3.3	1	12/28/16 17:57	12/22/16	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Biphenyl	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	12/28/16 17:57	12/22/16	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	12/28/16 17:57	12/22/16	
Bis(2-ethylhexyl) Phthalate	**76**	9.4	1.2	1	12/28/16 17:57	12/22/16	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	12/28/16 17:57	12/22/16	
Caprolactam	9.4 U	9.4	1.8	1	12/28/16 17:57	12/22/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-104	**Units:**	ug/L
Lab Code:	R1613247-015	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	12/28/16 17:57	12/22/16	
Chrysene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Di-n-octyl Phthalate	**15**	9.4	1.2	1	12/28/16 17:57	12/22/16	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	12/28/16 17:57	12/22/16	
Dibenzofuran	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Diethyl Phthalate	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Fluoranthene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Fluorene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Hexachlorobenzene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	12/28/16 17:57	12/22/16	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Hexachloroethane	9.4 U	9.4	1.2	1	12/28/16 17:57	12/22/16	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	12/28/16 17:57	12/22/16	
Isophorone	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	12/28/16 17:57	12/22/16	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Naphthalene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Nitrobenzene	9.4 U	9.4	1.6	1	12/28/16 17:57	12/22/16	
Pentachlorophenol (PCP)	47 U	47	6.9	1	12/28/16 17:57	12/22/16	
Phenanthrene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Phenol	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	
Pyrene	9.4 U	9.4	1.0	1	12/28/16 17:57	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	56	35 - 141	12/28/16 17:57	
2-Fluorobiphenyl	42	31 - 118	12/28/16 17:57	
2-Fluorophenol	36	10 - 105	12/28/16 17:57	
Nitrobenzene-d5	51	31 - 110	12/28/16 17:57	
Phenol-d6	28	10 - 107	12/28/16 17:57	
Terphenyl-d14	40	30 - 133	12/28/16 17:57	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
000077-94-1	Butyl citrate	10.45	4.5	JN
000080-05-7	Phenol, 4,4'-(1-methylethylidene)b	10.53	4.9	JN
	unknown	16.45	6.3	J
002094-97-5	1,3-Oxathiolane	3.00	11	JN
	unknown	5.00	6.2	J
	unknown	5.23	6.1	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-104	**Units:**	ug/L
Lab Code:	R1613247-015	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	5.38	6.2	J
	unknown	5.96	9.6	J
	unknown	6.13	6.6	J
	unknown	6.18	8.2	J
	unknown	6.42	4.5	J
	unknown	6.59	5.9	J
000621-36-3	m-Tolylacetic acid	6.63	7.9	JN
	unknown	6.96	8.9	J
	unknown	7.05	4.9	J
	unknown	7.75	6.7	J
000134-62-3	Diethyltoluamide	7.90	4.7	JN
000934-34-9	2(3H)-Benzothiazolone	8.44	66	JN
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	8.59	5.4	JN
	unknown	8.88	21	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 14:25
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	12/28/16 18:26	12/22/16	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	12/28/16 18:26	12/22/16	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	12/28/16 18:26	12/22/16	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	12/28/16 18:26	12/22/16	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	12/28/16 18:26	12/22/16	
2,4-Dimethylphenol	9.4 U	9.4	1.5	1	12/28/16 18:26	12/22/16	
2,4-Dinitrophenol	47 U	47	20	1	12/28/16 18:26	12/22/16	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	12/28/16 18:26	12/22/16	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	12/28/16 18:26	12/22/16	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
2-Chlorophenol	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
2-Methylnaphthalene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
2-Methylphenol	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
2-Nitroaniline	47 U	47	9.1	1	12/28/16 18:26	12/22/16	
2-Nitrophenol	9.4 U	9.4	1.4	1	12/28/16 18:26	12/22/16	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	12/28/16 18:26	12/22/16	
3- and 4-Methylphenol Coelution	9.4 U	9.4	2.0	1	12/28/16 18:26	12/22/16	
3-Nitroaniline	47 U	47	7.7	1	12/28/16 18:26	12/22/16	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	12/28/16 18:26	12/22/16	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	12/28/16 18:26	12/22/16	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	12/28/16 18:26	12/22/16	
4-Chloroaniline	9.4 U	9.4	1.5	1	12/28/16 18:26	12/22/16	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	12/28/16 18:26	12/22/16	
4-Nitroaniline	47 U	47	7.8	1	12/28/16 18:26	12/22/16	
4-Nitrophenol	47 U	47	5.9	1	12/28/16 18:26	12/22/16	
Acenaphthene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Acenaphthylene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Acetophenone	9.4 U	9.4	1.6	1	12/28/16 18:26	12/22/16	
Anthracene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Atrazine	9.4 U	9.4	2.7	1	12/28/16 18:26	12/22/16	
Benz(a)anthracene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Benzaldehyde	47 U	47	3.3	1	12/28/16 18:26	12/22/16	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Biphenyl	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	12/28/16 18:26	12/22/16	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	12/28/16 18:26	12/22/16	
Bis(2-ethylhexyl) Phthalate	9.4 U	9.4	1.2	1	12/28/16 18:26	12/22/16	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	12/28/16 18:26	12/22/16	
Caprolactam	9.4 U	9.4	1.8	1	12/28/16 18:26	12/22/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 14:25
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	12/28/16 18:26	12/22/16	
Chrysene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Di-n-octyl Phthalate	9.4 U	9.4	1.2	1	12/28/16 18:26	12/22/16	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	12/28/16 18:26	12/22/16	
Dibenzofuran	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Diethyl Phthalate	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Fluoranthene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Fluorene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Hexachlorobenzene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	12/28/16 18:26	12/22/16	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Hexachloroethane	9.4 U	9.4	1.2	1	12/28/16 18:26	12/22/16	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	12/28/16 18:26	12/22/16	
Isophorone	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	12/28/16 18:26	12/22/16	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Naphthalene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Nitrobenzene	9.4 U	9.4	1.6	1	12/28/16 18:26	12/22/16	
Pentachlorophenol (PCP)	47 U	47	6.9	1	12/28/16 18:26	12/22/16	
Phenanthrene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Phenol	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	
Pyrene	9.4 U	9.4	1.0	1	12/28/16 18:26	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	81	35 - 141	12/28/16 18:26	
2-Fluorobiphenyl	73	31 - 118	12/28/16 18:26	
2-Fluorophenol	38	10 - 105	12/28/16 18:26	
Nitrobenzene-d5	73	31 - 110	12/28/16 18:26	
Phenol-d6	27	10 - 107	12/28/16 18:26	
Terphenyl-d14	80	30 - 133	12/28/16 18:26	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	7.28	4.5	J

Semivolatile Organic Compounds by GC

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 08:55
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-107	**Units:**	ug/L
Lab Code:	R1613247-001	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
4,4'-DDE	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
4,4'-DDT	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Aldrin	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Dieldrin	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Endosulfan I	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Endosulfan II	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Endrin	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Endrin Aldehyde	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Endrin Ketone	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Heptachlor	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Methoxychlor	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
Toxaphene	0.47 U	0.47	0.27	1	12/28/16 13:34	12/20/16	
alpha-BHC	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
alpha-Chlordane	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
beta-BHC	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
delta-BHC	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	
gamma-Chlordane	0.047 U	0.047	0.020	1	12/28/16 13:34	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	32	10 - 164	12/28/16 13:34	
Tetrachloro-m-xylene	58	10 - 147	12/28/16 13:34	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 10:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-109	**Units:**	ug/L
Lab Code:	R1613247-003	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
4,4'-DDE	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
4,4'-DDT	**0.034 J**	0.047	0.020	1	12/28/16 13:53	12/20/16	
Aldrin	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
Dieldrin	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
Endosulfan I	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
Endosulfan II	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
Endrin	**0.036 J**	0.047	0.020	1	12/28/16 13:53	12/20/16	
Endrin Aldehyde	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
Endrin Ketone	**0.021 J**	0.047	0.020	1	12/28/16 13:53	12/20/16	
Heptachlor	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
Methoxychlor	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
Toxaphene	0.47 U	0.47	0.27	1	12/28/16 13:53	12/20/16	
alpha-BHC	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
alpha-Chlordane	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
beta-BHC	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
delta-BHC	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	
gamma-Chlordane	0.047 U	0.047	0.020	1	12/28/16 13:53	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	37	10 - 164	12/28/16 13:53	
Tetrachloro-m-xylene	63	10 - 147	12/28/16 13:53	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 12:10
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-110	**Units:**	ug/L
Lab Code:	R1613247-005	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
4,4'-DDE	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
4,4'-DDT	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Aldrin	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Dieldrin	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Endosulfan I	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Endosulfan II	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Endrin	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Endrin Aldehyde	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Endrin Ketone	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Heptachlor	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Methoxychlor	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
Toxaphene	0.47 U	0.47	0.27	1	12/28/16 14:10	12/20/16	
alpha-BHC	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
alpha-Chlordane	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
beta-BHC	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
delta-BHC	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	
gamma-Chlordane	0.047 U	0.047	0.020	1	12/28/16 14:10	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	21	10 - 164	12/28/16 14:10	
Tetrachloro-m-xylene	65	10 - 147	12/28/16 14:10	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 11:55
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-103	**Units:**	ug/L
Lab Code:	R1613247-011	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
4,4'-DDE	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
4,4'-DDT	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Aldrin	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Dieldrin	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Endosulfan I	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Endosulfan II	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Endrin	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Endrin Aldehyde	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Endrin Ketone	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Heptachlor	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Methoxychlor	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
Toxaphene	0.47 U	0.47	0.27	1	12/28/16 14:29	12/20/16	
alpha-BHC	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
alpha-Chlordane	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
beta-BHC	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
delta-BHC	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	
gamma-Chlordane	0.047 U	0.047	0.020	1	12/28/16 14:29	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	29	10 - 164	12/28/16 14:29	
Tetrachloro-m-xylene	61	10 - 147	12/28/16 14:29	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 10:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-101	**Units:**	ug/L
Lab Code:	R1613247-013	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
4,4'-DDE	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
4,4'-DDT	**0.057**	0.047	0.020	1	12/29/16 11:10	12/22/16	
Aldrin	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
Dieldrin	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
Endosulfan I	**0.035 J**	0.047	0.020	1	12/29/16 11:10	12/22/16	
Endosulfan II	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
Endrin	**0.044 JP**	0.047	0.020	1	12/29/16 11:10	12/22/16	
Endrin Aldehyde	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
Endrin Ketone	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
Heptachlor	**0.052**	0.047	0.020	1	12/29/16 11:10	12/22/16	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
Methoxychlor	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
Toxaphene	0.47 U	0.47	0.27	1	12/29/16 11:10	12/22/16	
alpha-BHC	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
alpha-Chlordane	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
beta-BHC	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
delta-BHC	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	
gamma-Chlordane	0.047 U	0.047	0.020	1	12/29/16 11:10	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	30	10 - 164	12/29/16 11:10	
Tetrachloro-m-xylene	58	10 - 147	12/29/16 11:10	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-104	**Units:**	ug/L
Lab Code:	R1613247-015	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
4,4'-DDE	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
4,4'-DDT	**0.12 P**	0.047	0.020	1	12/29/16 11:29	12/22/16	
Aldrin	**0.082 P**	0.047	0.020	1	12/29/16 11:29	12/22/16	
Dieldrin	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
Endosulfan I	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
Endosulfan II	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
Endrin	**0.12 P**	0.047	0.020	1	12/29/16 11:29	12/22/16	
Endrin Aldehyde	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
Endrin Ketone	**0.13**	0.047	0.020	1	12/29/16 11:29	12/22/16	
Heptachlor	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
Methoxychlor	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
Toxaphene	0.47 U	0.47	0.27	1	12/29/16 11:29	12/22/16	
alpha-BHC	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
alpha-Chlordane	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
beta-BHC	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
delta-BHC	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	
gamma-Chlordane	0.047 U	0.047	0.020	1	12/29/16 11:29	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	32	10 - 164	12/29/16 11:29	
Tetrachloro-m-xylene	60	10 - 147	12/29/16 11:29	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 14:25
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
4,4'-DDE	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
4,4'-DDT	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
Aldrin	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
Dieldrin	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
Endosulfan I	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
Endosulfan II	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
Endrin	**0.023 J**	0.047	0.020	1	12/29/16 11:47	12/22/16	
Endrin Aldehyde	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
Endrin Ketone	**0.021 J**	0.047	0.020	1	12/29/16 11:47	12/22/16	
Heptachlor	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
Methoxychlor	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
Toxaphene	0.47 U	0.47	0.27	1	12/29/16 11:47	12/22/16	
alpha-BHC	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
alpha-Chlordane	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
beta-BHC	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
delta-BHC	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	12/29/16 11:47	12/22/16	
gamma-Chlordane	**0.024 J**	0.047	0.020	1	12/29/16 11:47	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	41	10 - 164	12/29/16 11:47	
Tetrachloro-m-xylene	79	10 - 147	12/29/16 11:47	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 08:55
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-107	**Units:**	ug/L
Lab Code:	R1613247-001	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 17:19	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 17:19	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 17:19	12/21/16	
Aroclor 1242	**1.1**	0.047	0.025	1	12/28/16 17:19	12/21/16	
Aroclor 1248	0.047 U	0.047	0.025	1	12/28/16 17:19	12/21/16	
Aroclor 1254	**0.47**	0.047	0.025	1	12/28/16 17:19	12/21/16	
Aroclor 1260	**0.15 P**	0.047	0.025	1	12/28/16 17:19	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	30	10 - 125	12/28/16 17:19	
Tetrachloro-m-xylene	62	18 - 126	12/28/16 17:19	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 08:55
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-107 Dissolved	**Units:**	ug/L
Lab Code:	R1613247-002	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 17:39	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 17:39	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 17:39	12/21/16	
Aroclor 1242	**0.14**	0.047	0.025	1	12/28/16 17:39	12/21/16	
Aroclor 1248	0.047 U	0.047	0.025	1	12/28/16 17:39	12/21/16	
Aroclor 1254	**0.050**	0.047	0.025	1	12/28/16 17:39	12/21/16	
Aroclor 1260	0.047 U	0.047	0.025	1	12/28/16 17:39	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	35	10 - 125	12/28/16 17:39	
Tetrachloro-m-xylene	67	18 - 126	12/28/16 17:39	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 10:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-109	**Units:**	ug/L
Lab Code:	R1613247-003	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.24 U	0.24	0.13	5	12/29/16 09:18	12/21/16	
Aroclor 1221	0.25 U	0.25	0.25	5	12/29/16 09:18	12/21/16	
Aroclor 1232	0.24 U	0.24	0.13	5	12/29/16 09:18	12/21/16	
Aroclor 1242	0.24 U	0.24	0.13	5	12/29/16 09:18	12/21/16	
Aroclor 1248	**3.8**	0.24	0.13	5	12/29/16 09:18	12/21/16	
Aroclor 1254	**2.4**	0.24	0.13	5	12/29/16 09:18	12/21/16	
Aroclor 1260	**0.81**	0.24	0.13	5	12/29/16 09:18	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	38	10 - 125	12/29/16 09:18	
Tetrachloro-m-xylene	74	18 - 126	12/29/16 09:18	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 10:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-109 Dissolved	**Units:**	ug/L
Lab Code:	R1613247-004	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 18:18	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 18:18	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 18:18	12/21/16	
Aroclor 1242	0.047 U	0.047	0.025	1	12/28/16 18:18	12/21/16	
Aroclor 1248	**0.79**	0.047	0.025	1	12/28/16 18:18	12/21/16	
Aroclor 1254	**0.51**	0.047	0.025	1	12/28/16 18:18	12/21/16	
Aroclor 1260	**0.14 P**	0.047	0.025	1	12/28/16 18:18	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	34	10 - 125	12/28/16 18:18	
Tetrachloro-m-xylene	61	18 - 126	12/28/16 18:18	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 12:10
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-110	**Units:**	ug/L
Lab Code:	R1613247-005	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/29/16 08:58	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/29/16 08:58	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/29/16 08:58	12/21/16	
Aroclor 1242	0.047 U	0.047	0.025	1	12/29/16 08:58	12/21/16	
Aroclor 1248	**0.072**	0.047	0.025	1	12/29/16 08:58	12/21/16	
Aroclor 1254	**0.057**	0.047	0.025	1	12/29/16 08:58	12/21/16	
Aroclor 1260	0.047 U	0.047	0.025	1	12/29/16 08:58	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	38	10 - 125	12/29/16 08:58	
Tetrachloro-m-xylene	63	18 - 126	12/29/16 08:58	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 12:10
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-110 Dissolved	**Units:**	ug/L
Lab Code:	R1613247-006	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 18:57	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 18:57	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 18:57	12/21/16	
Aroclor 1242	0.047 U	0.047	0.025	1	12/28/16 18:57	12/21/16	
Aroclor 1248	**0.050**	0.047	0.025	1	12/28/16 18:57	12/21/16	
Aroclor 1254	**0.036 J**	0.047	0.025	1	12/28/16 18:57	12/21/16	
Aroclor 1260	0.047 U	0.047	0.025	1	12/28/16 18:57	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 125	12/28/16 18:57	
Tetrachloro-m-xylene	60	18 - 126	12/28/16 18:57	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 11:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-111	**Units:**	ug/L
Lab Code:	R1613247-007	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 19:17	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 19:17	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 19:17	12/21/16	
Aroclor 1242	**0.28**	0.047	0.025	1	12/28/16 19:17	12/21/16	
Aroclor 1248	0.047 U	0.047	0.025	1	12/28/16 19:17	12/21/16	
Aroclor 1254	**0.17**	0.047	0.025	1	12/28/16 19:17	12/21/16	
Aroclor 1260	**0.036 JP**	0.047	0.025	1	12/28/16 19:17	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	33	10 - 125	12/28/16 19:17	
Tetrachloro-m-xylene	62	18 - 126	12/28/16 19:17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 11:30
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-112	**Units:**	ug/L
Lab Code:	R1613247-008	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 19:56	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 19:56	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 19:56	12/21/16	
Aroclor 1242	**0.48**	0.047	0.025	1	12/28/16 19:56	12/21/16	
Aroclor 1248	0.047 U	0.047	0.025	1	12/28/16 19:56	12/21/16	
Aroclor 1254	**0.34**	0.047	0.025	1	12/28/16 19:56	12/21/16	
Aroclor 1260	**0.051 P**	0.047	0.025	1	12/28/16 19:56	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	35	10 - 125	12/28/16 19:56	
Tetrachloro-m-xylene	60	18 - 126	12/28/16 19:56	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 10:45
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-106	**Units:**	ug/L
Lab Code:	R1613247-010	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.24 U	0.24	0.13	5	12/29/16 09:37	12/21/16	
Aroclor 1221	0.25 U	0.25	0.25	5	12/29/16 09:37	12/21/16	
Aroclor 1232	0.24 U	0.24	0.13	5	12/29/16 09:37	12/21/16	
Aroclor 1242	**5.8**	0.24	0.13	5	12/29/16 09:37	12/21/16	
Aroclor 1248	0.24 U	0.24	0.13	5	12/29/16 09:37	12/21/16	
Aroclor 1254	**3.3**	0.24	0.13	5	12/29/16 09:37	12/21/16	
Aroclor 1260	**0.80**	0.24	0.13	5	12/29/16 09:37	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	36	10 - 125	12/29/16 09:37	
Tetrachloro-m-xylene	58	18 - 126	12/29/16 09:37	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 11:55
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-103	**Units:**	ug/L
Lab Code:	R1613247-011	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 20:35	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 20:35	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 20:35	12/21/16	
Aroclor 1242	**1.1**	0.047	0.025	1	12/28/16 20:35	12/21/16	
Aroclor 1248	0.047 U	0.047	0.025	1	12/28/16 20:35	12/21/16	
Aroclor 1254	**0.50**	0.047	0.025	1	12/28/16 20:35	12/21/16	
Aroclor 1260	**0.10 P**	0.047	0.025	1	12/28/16 20:35	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	32	10 - 125	12/28/16 20:35	
Tetrachloro-m-xylene	62	18 - 126	12/28/16 20:35	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 11:55
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-103 Dissolved	**Units:**	ug/L
Lab Code:	R1613247-012	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 20:55	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 20:55	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 20:55	12/21/16	
Aroclor 1242	**0.65**	0.047	0.025	1	12/28/16 20:55	12/21/16	
Aroclor 1248	0.047 U	0.047	0.025	1	12/28/16 20:55	12/21/16	
Aroclor 1254	**0.32**	0.047	0.025	1	12/28/16 20:55	12/21/16	
Aroclor 1260	0.047 U	0.047	0.025	1	12/28/16 20:55	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	34	10 - 125	12/28/16 20:55	
Tetrachloro-m-xylene	64	18 - 126	12/28/16 20:55	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 10:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-101	**Units:**	ug/L
Lab Code:	R1613247-013	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 21:14	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 21:14	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 21:14	12/21/16	
Aroclor 1242	**0.17**	0.047	0.025	1	12/28/16 21:14	12/21/16	
Aroclor 1248	0.047 U	0.047	0.025	1	12/28/16 21:14	12/21/16	
Aroclor 1254	**0.042 J**	0.047	0.025	1	12/28/16 21:14	12/21/16	
Aroclor 1260	0.047 U	0.047	0.025	1	12/28/16 21:14	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	36	10 - 125	12/28/16 21:14	
Tetrachloro-m-xylene	63	18 - 126	12/28/16 21:14	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 10:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-101 Dissolved	**Units:**	ug/L
Lab Code:	R1613247-014	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 21:34	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 21:34	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 21:34	12/21/16	
Aroclor 1242	0.047 U	0.047	0.025	1	12/28/16 21:34	12/21/16	
Aroclor 1248	0.047 U	0.047	0.025	1	12/28/16 21:34	12/21/16	
Aroclor 1254	0.047 U	0.047	0.025	1	12/28/16 21:34	12/21/16	
Aroclor 1260	0.047 U	0.047	0.025	1	12/28/16 21:34	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10 - 125	12/28/16 21:34	
Tetrachloro-m-xylene	64	18 - 126	12/28/16 21:34	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-104	**Units:**	ug/L
Lab Code:	R1613247-015	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.24 U	0.24	0.13	5	12/29/16 09:57	12/21/16	
Aroclor 1221	0.25 U	0.25	0.25	5	12/29/16 09:57	12/21/16	
Aroclor 1232	0.24 U	0.24	0.13	5	12/29/16 09:57	12/21/16	
Aroclor 1242	**4.8**	0.24	0.13	5	12/29/16 09:57	12/21/16	
Aroclor 1248	0.24 U	0.24	0.13	5	12/29/16 09:57	12/21/16	
Aroclor 1254	**3.1**	0.24	0.13	5	12/29/16 09:57	12/21/16	
Aroclor 1260	**1.8**	0.24	0.13	5	12/29/16 09:57	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	27	10 - 125	12/29/16 09:57	
Tetrachloro-m-xylene	40	18 - 126	12/29/16 09:57	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-104 Dissolved	**Units:**	ug/L
Lab Code:	R1613247-016	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/29/16 12:53	12/22/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/29/16 12:53	12/22/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/29/16 12:53	12/22/16	
Aroclor 1242	**0.66**	0.047	0.025	1	12/29/16 12:53	12/22/16	
Aroclor 1248	0.047 U	0.047	0.025	1	12/29/16 12:53	12/22/16	
Aroclor 1254	**0.38**	0.047	0.025	1	12/29/16 12:53	12/22/16	
Aroclor 1260	**0.18**	0.047	0.025	1	12/29/16 12:53	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	46	10 - 125	12/29/16 12:53	
Tetrachloro-m-xylene	71	18 - 126	12/29/16 12:53	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:10
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-108	**Units:**	ug/L
Lab Code:	R1613247-017	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/29/16 13:13	12/22/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/29/16 13:13	12/22/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/29/16 13:13	12/22/16	
Aroclor 1242	0.047 U	0.047	0.025	1	12/29/16 13:13	12/22/16	
Aroclor 1248	**0.22**	0.047	0.025	1	12/29/16 13:13	12/22/16	
Aroclor 1254	**0.26**	0.047	0.025	1	12/29/16 13:13	12/22/16	
Aroclor 1260	**0.083**	0.047	0.025	1	12/29/16 13:13	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 125	12/29/16 13:13	
Tetrachloro-m-xylene	59	18 - 126	12/29/16 13:13	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 14:25
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/28/16 22:13	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 22:13	12/21/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/28/16 22:13	12/21/16	
Aroclor 1242	0.047 U	0.047	0.025	1	12/28/16 22:13	12/21/16	
Aroclor 1248	**1.0**	0.047	0.025	1	12/28/16 22:13	12/21/16	
Aroclor 1254	**1.2**	0.047	0.025	1	12/28/16 22:13	12/21/16	
Aroclor 1260	**0.29 P**	0.047	0.025	1	12/28/16 22:13	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	22	10 - 125	12/28/16 22:13	
Tetrachloro-m-xylene	44	18 - 126	12/28/16 22:13	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 14:25
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-105 Dissolved	**Units:**	ug/L
Lab Code:	R1613247-019	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	12/29/16 13:32	12/22/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/29/16 13:32	12/22/16	
Aroclor 1232	0.047 U	0.047	0.025	1	12/29/16 13:32	12/22/16	
Aroclor 1242	0.047 U	0.047	0.025	1	12/29/16 13:32	12/22/16	
Aroclor 1248	**0.037 J**	0.047	0.025	1	12/29/16 13:32	12/22/16	
Aroclor 1254	0.047 U	0.047	0.025	1	12/29/16 13:32	12/22/16	
Aroclor 1260	0.047 U	0.047	0.025	1	12/29/16 13:32	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	82	10 - 125	12/29/16 13:32	
Tetrachloro-m-xylene	73	18 - 126	12/29/16 13:32	

Metals

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/16/2016
Project Name:
Date Received: 12/17/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-107
Lab Code: R1613247-001

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	56.1	J	
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	2480		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	1.0	J	
Mercury	7470A	0.200	0.040	1.0	0.074	J	
Calcium	6010C	1000	128	1.0	40100		
Chromium	6010C	10.0	0.270	1.0	1.7	J	
Cobalt	6010C	50.0	1.1	1.0	3.5	J	
Copper	6010C	20.0	0.619	1.0	19.3	J	
Iron	6010C	100	3.9	1.0	14300		NE
Lead	6010C	5.0	2.1	1.0	80.1		
Magnesium	6010C	1000	4.2	1.0	22500		
Manganese	6010C	10.0	0.567	1.0	64.8		
Nickel	6010C	40.0	1.1	1.0	13.8	J	
Potassium	6010C	2000	43.7	1.0	7360		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	29100		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	50.0	U	
Zinc	6010C	20.0	1.7	1.0	185		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/16/2016
Project Name:
Date Received: 12/17/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-107 Dissolved
Lab Code: R1613247-002

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	39.3	J	
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	2520		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	0.200	J	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	40400		
Chromium	6010C	10.0	0.270	1.0	1.2	J	
Cobalt	6010C	50.0	1.1	1.0	3.1	J	
Copper	6010C	20.0	0.619	1.0	9.3	J	
Iron	6010C	100	3.9	1.0	14300		NE
Lead	6010C	5.0	2.1	1.0	37.5		
Magnesium	6010C	1000	4.2	1.0	22600		
Manganese	6010C	10.0	0.567	1.0	64.0		
Nickel	6010C	40.0	1.1	1.0	12.7	J	
Potassium	6010C	2000	43.7	1.0	7350		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	29000		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	50.0	U	
Zinc	6010C	20.0	1.7	1.0	159		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/16/2016
Project Name:
Date Received: 12/17/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-109
Lab Code: R1613247-003

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	3730		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	3400		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	1.2	J	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	67300		
Chromium	6010C	10.0	0.270	1.0	8.5	J	
Cobalt	6010C	50.0	1.1	1.0	4.7	J	
Copper	6010C	20.0	0.619	1.0	80.5		
Iron	6010C	100	3.9	1.0	22300		NE
Lead	6010C	5.0	2.1	1.0	103		
Magnesium	6010C	1000	4.2	1.0	26200		
Manganese	6010C	10.0	0.567	1.0	155		
Nickel	6010C	40.0	1.1	1.0	42.2		
Potassium	6010C	2000	43.7	1.0	7290		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	42800		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	10.3	J	
Zinc	6010C	20.0	1.7	1.0	290		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-GW-107
Project No.:	R1613247	**Date Collected:**	12/16/2016
Project Name:		**Date Received:**	12/17/2016
Matrix:	WATER	**Units:**	ug/L
		Basis:	

Sample Name: FT-GW-109 Dissolved **Lab Code:** R1613247-004

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	70000		
Antimony	6010C	60.0	5.0	1.0	19.5	J	
Arsenic	6010C	10.0	4.9	1.0	26.5		
Barium	6010C	20.0	1.3	1.0	4790		
Beryllium	6010C	3.0	0.120	1.0	1.3	J	
Cadmium	6010C	5.0	0.196	1.0	30.2		
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	83000		
Chromium	6010C	10.0	0.270	1.0	127		
Cobalt	6010C	50.0	1.1	1.0	50.6		
Copper	6010C	20.0	0.619	1.0	1620		
Iron	6010C	1000	39.3	10.0	150000		NE
Lead	6010C	5.0	2.1	1.0	1930		
Magnesium	6010C	1000	4.2	1.0	36500		
Manganese	6010C	10.0	0.567	1.0	878		
Nickel	6010C	40.0	1.1	1.0	283		
Potassium	6010C	2000	43.7	1.0	14300		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	4.4	J	
Sodium	6010C	1000	69.2	1.0	42700		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	99.7		
Zinc	6010C	200	17.0	10.0	5250		E

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/16/2016
Project Name:
Date Received: 12/17/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-110
Lab Code: R1613247-005

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	120000		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	31.1		
Barium	6010C	20.0	1.3	1.0	1180		
Beryllium	6010C	3.0	0.120	1.0	3.2		
Cadmium	6010C	5.0	0.196	1.0	0.700	J	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	242000		
Chromium	6010C	10.0	0.270	1.0	121		
Cobalt	6010C	50.0	1.1	1.0	66.2		
Copper	6010C	20.0	0.619	1.0	333		
Iron	6010C	1000	39.3	10.0	195000		NE
Lead	6010C	5.0	2.1	1.0	154		
Magnesium	6010C	1000	4.2	1.0	65500		
Manganese	6010C	10.0	0.567	1.0	3670		
Nickel	6010C	40.0	1.1	1.0	96.7		
Potassium	6010C	2000	43.7	1.0	26600		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	24600		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	168		
Zinc	6010C	20.0	1.7	1.0	880		

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/16/2016
Project Name:
Date Received: 12/17/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-110 Dissolved
Lab Code: R1613247-006

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	6260		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	5.0	J	
Barium	6010C	20.0	1.3	1.0	316		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	5.0	U	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	225000		
Chromium	6010C	10.0	0.270	1.0	5.8	J	
Cobalt	6010C	50.0	1.1	1.0	10.9	J	
Copper	6010C	20.0	0.619	1.0	18.7	J	
Iron	6010C	100	3.9	1.0	38500		NE
Lead	6010C	5.0	2.1	1.0	8.3		
Magnesium	6010C	1000	4.2	1.0	44600		
Manganese	6010C	10.0	0.567	1.0	3970		
Nickel	6010C	40.0	1.1	1.0	2.4	J	
Potassium	6010C	2000	43.7	1.0	8730		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	24100		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	11.9	J	
Zinc	6010C	20.0	1.7	1.0	127		

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/16/2016
Project Name:
Date Received: 12/17/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-112
Lab Code: R1613247-008

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	138000		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	30.1		
Barium	6010C	20.0	1.3	1.0	1130		
Beryllium	6010C	3.0	0.120	1.0	3.9		
Cadmium	6010C	5.0	0.196	1.0	0.300	J	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	8830		
Chromium	6010C	10.0	0.270	1.0	203		
Cobalt	6010C	50.0	1.1	1.0	76.1		
Copper	6010C	20.0	0.619	1.0	280		
Iron	6010C	1000	39.3	10.0	287000		NE
Lead	6010C	5.0	2.1	1.0	310		
Magnesium	6010C	1000	4.2	1.0	57900		
Manganese	6010C	100	5.7	10.0	16700		
Nickel	6010C	40.0	1.1	1.0	101		
Potassium	6010C	2000	43.7	1.0	44700		
Selenium	6010C	10.0	3.3	1.0	8.1	J	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	44900		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	187		
Zinc	6010C	20.0	1.7	1.0	1020		

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-GW-107
Project No.:	R1613247	**Date Collected:**	12/19/2016
Project Name:		**Date Received:**	12/19/2016
Matrix:	WATER	**Units:**	ug/L
		Basis:	

Sample Name: GW-106 **Lab Code:** R1613247-010

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	47000		
Antimony	6010C	60.0	5.0	1.0	44.4	J	
Arsenic	6010C	10.0	4.9	1.0	31.7		
Barium	6010C	20.0	1.3	1.0	4900		
Beryllium	6010C	3.0	0.120	1.0	0.600	J	
Cadmium	6010C	5.0	0.196	1.0	102		
Mercury	7470A	0.200	0.040	1.0	1.6		
Calcium	6010C	1000	128	1.0	89800		
Chromium	6010C	10.0	0.270	1.0	183		
Cobalt	6010C	50.0	1.1	1.0	70.4		
Copper	6010C	20.0	0.619	1.0	721		
Iron	6010C	1000	39.3	10.0	208000		NE
Lead	6010C	5.0	2.1	1.0	4830		
Magnesium	6010C	1000	4.2	1.0	45800		
Manganese	6010C	10.0	0.567	1.0	1210		
Nickel	6010C	40.0	1.1	1.0	296		
Potassium	6010C	2000	43.7	1.0	25000		
Selenium	6010C	10.0	3.3	1.0	3.8	J	
Silver	6010C	10.0	0.463	1.0	3.9	J	
Sodium	6010C	10000	692	10.0	197000		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	92.3		
Zinc	6010C	200	17.0	10.0	13500		E

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-GW-107
Project No.:	R1613247	**Date Collected:**	12/19/2016
Project Name:		**Date Received:**	12/19/2016
Matrix:	WATER	**Units:**	ug/L
		Basis:	

Sample Name: GW-103 **Lab Code:** R1613247-011

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	2590		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	2780		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	9.7		
Mercury	7470A	0.200	0.040	1.0	0.317		
Calcium	6010C	1000	128	1.0	41400		
Chromium	6010C	10.0	0.270	1.0	10.2		
Cobalt	6010C	50.0	1.1	1.0	5.5	J	
Copper	6010C	20.0	0.619	1.0	107		
Iron	6010C	100	3.9	1.0	18000		NE
Lead	6010C	5.0	2.1	1.0	506		
Magnesium	6010C	1000	4.2	1.0	16900		
Manganese	6010C	10.0	0.567	1.0	83.9		
Nickel	6010C	40.0	1.1	1.0	35.2	J	
Potassium	6010C	2000	43.7	1.0	9040		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	0.500	J	
Sodium	6010C	1000	69.2	1.0	47800		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	8.4	J	
Zinc	6010C	20.0	1.7	1.0	602		

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-GW-107
Project No.:	R1613247	**Date Collected:**	12/19/2016
Project Name:		**Date Received:**	12/19/2016
Matrix:	WATER	**Units:**	ug/L
		Basis:	

Sample Name: GW-103 Dissolved **Lab Code:** R1613247-012

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	1290		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	2730		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	3.9	J	
Mercury	7470A	0.200	0.040	1.0	0.106	J	
Calcium	6010C	1000	128	1.0	41000		
Chromium	6010C	10.0	0.270	1.0	4.8	J	
Cobalt	6010C	50.0	1.1	1.0	3.6	J	
Copper	6010C	20.0	0.619	1.0	45.8		
Iron	6010C	100	3.9	1.0	14200		NE
Lead	6010C	5.0	2.1	1.0	229		
Magnesium	6010C	1000	4.2	1.0	16800		
Manganese	6010C	10.0	0.567	1.0	62.9		
Nickel	6010C	40.0	1.1	1.0	25.4	J	
Potassium	6010C	2000	43.7	1.0	8650		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	42000		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	4.3	J	
Zinc	6010C	20.0	1.7	1.0	304		

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/20/2016
Project Name:
Date Received: 12/21/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-101
Lab Code: R1613247-013

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	68.3	J	
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	2950		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	5.0	U	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	38900		
Chromium	6010C	10.0	0.270	1.0	2.1	J	
Cobalt	6010C	50.0	1.1	1.0	3.6	J	
Copper	6010C	20.0	0.619	1.0	2.4	J	
Iron	6010C	100	3.9	1.0	22500		NE
Lead	6010C	5.0	2.1	1.0	9.0		
Magnesium	6010C	1000	4.2	1.0	21300		
Manganese	6010C	10.0	0.567	1.0	89.2		
Nickel	6010C	40.0	1.1	1.0	8.9	J	
Potassium	6010C	2000	43.7	1.0	12300		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	70700		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	50.0	U	
Zinc	6010C	20.0	1.7	1.0	221		

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/20/2016
Project Name:
Date Received: 12/21/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-101 Dissolved
Lab Code: R1613247-014

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	22.8	J	
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	2920		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	5.0	U	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	38700		
Chromium	6010C	10.0	0.270	1.0	1.9	J	
Cobalt	6010C	50.0	1.1	1.0	3.3	J	
Copper	6010C	20.0	0.619	1.0	20.0	U	
Iron	6010C	100	3.9	1.0	22100		NE
Lead	6010C	5.0	2.1	1.0	5.0	U	
Magnesium	6010C	1000	4.2	1.0	21100		
Manganese	6010C	10.0	0.567	1.0	85.7		
Nickel	6010C	40.0	1.1	1.0	11.4	J	
Potassium	6010C	2000	43.7	1.0	12200		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	70300		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	50.0	U	
Zinc	6010C	20.0	1.7	1.0	208		

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/20/2016
Project Name:
Date Received: 12/21/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-104
Lab Code: R1613247-015

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	40500		
Antimony	6010C	60.0	5.0	1.0	28.7	J	
Arsenic	6010C	10.0	4.9	1.0	27.5		
Barium	6010C	20.0	1.3	1.0	1800		
Beryllium	6010C	3.0	0.120	1.0	1.3	J	
Cadmium	6010C	5.0	0.196	1.0	39.6		
Mercury	7470A	0.200	0.040	1.0	3.9		
Calcium	6010C	1000	128	1.0	59500		
Chromium	6010C	10.0	0.270	1.0	121		
Cobalt	6010C	50.0	1.1	1.0	49.8	J	
Copper	6010C	20.0	0.619	1.0	688		
Iron	6010C	1000	39.3	10.0	191000		NE
Lead	6010C	5.0	2.1	1.0	2480		
Magnesium	6010C	1000	4.2	1.0	43700		
Manganese	6010C	10.0	0.567	1.0	3590		
Nickel	6010C	40.0	1.1	1.0	88.8		
Potassium	6010C	2000	43.7	1.0	24000		
Selenium	6010C	10.0	3.3	1.0	4.0	J	
Silver	6010C	10.0	0.463	1.0	3.0	J	
Sodium	6010C	1000	69.2	1.0	93600		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	80.0		
Zinc	6010C	200	17.0	10.0	6620		E

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/20/2016
Project Name:
Date Received: 12/21/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-104 Dissolved
Lab Code: R1613247-016

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	38300		
Antimony	6010C	60.0	5.0	1.0	30.4	J	
Arsenic	6010C	10.0	4.9	1.0	25.9		
Barium	6010C	20.0	1.3	1.0	1860		
Beryllium	6010C	3.0	0.120	1.0	1.3	J	
Cadmium	6010C	5.0	0.196	1.0	40.3		
Mercury	7470A	0.200	0.040	1.0	4.8		
Calcium	6010C	1000	128	1.0	54300		
Chromium	6010C	10.0	0.270	1.0	119		
Cobalt	6010C	50.0	1.1	1.0	49.2	J	
Copper	6010C	20.0	0.619	1.0	685		
Iron	6010C	1000	39.3	10.0	175000		NE
Lead	6010C	5.0	2.1	1.0	2470		
Magnesium	6010C	1000	4.2	1.0	41700		
Manganese	6010C	10.0	0.567	1.0	3970		
Nickel	6010C	40.0	1.1	1.0	75.3		
Potassium	6010C	2000	43.7	1.0	24400		
Selenium	6010C	10.0	3.3	1.0	7.9	J	
Silver	6010C	10.0	0.463	1.0	2.5	J	
Sodium	6010C	1000	69.2	1.0	97600		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	74.2		
Zinc	6010C	200	17.0	10.0	6340		E

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/20/2016
Project Name:
Date Received: 12/21/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-105
Lab Code: R1613247-018

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	710		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	89.9		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	1.9	J	
Mercury	7470A	0.200	0.040	1.0	0.046	J	
Calcium	6010C	1000	128	1.0	37800		
Chromium	6010C	10.0	0.270	1.0	1.2	J	
Cobalt	6010C	50.0	1.1	1.0	1.2	J	
Copper	6010C	20.0	0.619	1.0	24.8		
Iron	6010C	100	3.9	1.0	1210		NE
Lead	6010C	5.0	2.1	1.0	7.3		
Magnesium	6010C	1000	4.2	1.0	4850		
Manganese	6010C	10.0	0.567	1.0	1120		
Nickel	6010C	40.0	1.1	1.0	10.5	J	
Potassium	6010C	2000	43.7	1.0	1600	J	
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	2490		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	1.0	J	
Zinc	6010C	20.0	1.7	1.0	329		

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-GW-107
Project No.: R1613247
Date Collected: 12/20/2016
Project Name:
Date Received: 12/21/2016
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-GW-105 Dissolved
Lab Code: R1613247-019

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	132		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	63.0		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	2.0	J	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	38200		
Chromium	6010C	10.0	0.270	1.0	10.0	U	
Cobalt	6010C	50.0	1.1	1.0	1.4	J	
Copper	6010C	20.0	0.619	1.0	17.7	J	
Iron	6010C	100	3.9	1.0	228		NE
Lead	6010C	5.0	2.1	1.0	5.0	U	
Magnesium	6010C	1000	4.2	1.0	4490		
Manganese	6010C	10.0	0.567	1.0	1050		
Nickel	6010C	40.0	1.1	1.0	12.5	J	
Potassium	6010C	2000	43.7	1.0	1230	J	
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	2090		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	50.0	U	
Zinc	6010C	20.0	1.7	1.0	270		

% Solids: 0.0

Comments:

General Chemistry

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 08:55
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-107	**Basis:**	NA
Lab Code:	R1613247-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	12/29/16 14:45	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 08:55
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-107 Dissolved	**Basis:**	NA
Lab Code:	R1613247-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	12/29/16 13:51	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 10:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-109	**Basis:**	NA
Lab Code:	R1613247-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/L	0.10	0.02	1	12/29/16 14:45	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 10:00
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-109 Dissolved	**Basis:**	NA
Lab Code:	R1613247-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.10 U	mg/L	0.10	0.02	1	12/29/16 13:51	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 12:10
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-110	**Basis:**	NA
Lab Code:	R1613247-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/L	0.10	0.02	1	12/29/16 14:46	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/16/16 12:10
Sample Matrix:	Water	**Date Received:**	12/17/16 10:35
Sample Name:	FT-GW-110 Dissolved	**Basis:**	NA
Lab Code:	R1613247-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	12/29/16 13:52	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 11:55
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-103	**Basis:**	NA
Lab Code:	R1613247-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/L	0.10	0.02	1	12/29/16 14:47	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/19/16 11:55
Sample Matrix:	Water	**Date Received:**	12/19/16 15:10
Sample Name:	GW-103 Dissolved	**Basis:**	NA
Lab Code:	R1613247-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	12/29/16 13:53	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 10:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-101	**Basis:**	NA
Lab Code:	R1613247-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	12/29/16 14:48	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 10:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-101 Dissolved	**Basis:**	NA
Lab Code:	R1613247-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	12/29/16 13:55	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-104	**Basis:**	NA
Lab Code:	R1613247-015		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/L	0.10	0.02	1	12/29/16 14:49	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 09:50
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-104 Dissolved	**Basis:**	NA
Lab Code:	R1613247-016		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.10 U	mg/L	0.10	0.02	1	12/29/16 13:56	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 14:25
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-105	**Basis:**	NA
Lab Code:	R1613247-018		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	12/29/16 14:53	12/27/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16 14:25
Sample Matrix:	Water	**Date Received:**	12/21/16 09:20
Sample Name:	FT-GW-105 Dissolved	**Basis:**	NA
Lab Code:	R1613247-019		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	12/29/16 13:59	12/27/16	

QC Summary Forms

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Volatile Organic Compounds by GC/MS

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613247
Project: Fortino Tire/251592
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 89 - 119	Toluene-d8 87 - 121
FT-GW-107	R1613247-001	103	98	106
FT-GW-109	R1613247-003	103	102	110
FT-GW-110	R1613247-005	99	101	108
TRIP BLANK 1	R1613247-009	97	99	109
GW-103	R1613247-011	101	101	109
FT-GW-101	R1613247-013	105	100	110
FT-GW-104	R1613247-015	101	102	111
FT-GW-105	R1613247-018	104	99	113
TRIP BLANK 2	R1613247-020	104	99	109
Lab Control Sample	RQ1615596-03	102	101	108
Method Blank	RQ1615596-04	103	100	111
FT-GW-105 MS	RQ1615596-05	104	100	109
FT-GW-105 DMS	RQ1615596-06	102	101	111
Lab Control Sample	RQ1615753-03	107	102	110
Method Blank	RQ1615753-04	103	102	111

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16
		Date Analyzed:	12/22/16

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA
Analysis Method:	8260C		

		Matrix Spike RQ1615596-05			Duplicate Matrix Spike RQ1615596-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	1.0 U	56.1	50.0	112	56.4	50.0	113	74-127	<1	30
1,1,2,2-Tetrachloroethane	1.0 U	47.7	50.0	95	48.7	50.0	97	72-122	2	30
1,1,2-Trichloroethane	1.0 U	48.4	50.0	97	48.6	50.0	97	79-119	<1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	49.8	50.0	100	49.0	50.0	98	59-131	2	30
1,1-Dichloroethane (1,1-DCA)	1.0 U	52.1	50.0	104	53.1	50.0	106	74-132	2	30
1,1-Dichloroethene (1,1-DCE)	1.0 U	50.9	50.0	102	51.4	50.0	103	74-139	1	30
1,2,3-Trichlorobenzene	1.0 U	45.4	50.0	91	48.7	50.0	97	54-143	7	30
1,2,4-Trichlorobenzene	1.0 U	44.9	50.0	90	48.7	50.0	97	56-140	8	30
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	58.5	50.0	117	60.6	50.0	121	65-137	4	30
1,2-Dibromoethane	1.0 U	52.2	50.0	104	52.3	50.0	105	80-117	<1	30
1,2-Dichlorobenzene	1.0 U	46.7	50.0	93	46.7	50.0	93	77-120	<1	30
1,2-Dichloroethane	1.0 U	50.5	50.0	101	51.8	50.0	104	68-130	3	30
1,2-Dichloropropane	1.0 U	53.2	50.0	106	53.2	50.0	106	79-124	<1	30
1,3-Dichlorobenzene	1.0 U	46.7	50.0	93	47.9	50.0	96	74-125	3	30
1,4-Dichlorobenzene	1.0 U	46.1	50.0	92	47.5	50.0	95	72-124	3	30
1,4-Dioxane	40 U	1000	1000	100	961	1000	96	48-143	4	30
2-Butanone (MEK)	5.0 U	48.7	50.0	97	47.4	50.0	95	46-141	3	30
2-Hexanone	5.0 U	48.1	50.0	96	47.2	50.0	94	56-132	2	30
4-Methyl-2-pentanone	5.0 U	49.4	50.0	99	47.5	50.0	95	60-141	4	30
Acetone	5.9	46.5	50.0	81	44.1	50.0	76	29-151	5	30
Benzene	1.0 U	49.0	50.0	98	51.2	50.0	102	76-129	4	30
Bromochloromethane	1.0 U	52.0	50.0	104	51.0	50.0	102	82-125	2	30
Bromodichloromethane	1.0 U	55.3	50.0	111	56.6	50.0	113	76-127	2	30
Bromoform	1.0 U	56.7	50.0	113	59.0	50.0	118	58-133	4	30
Bromomethane	0.29 BJ	36.8	50.0	73	44.0	50.0	87	10-162	18	30
Carbon Disulfide	1.0 U	39.2	50.0	78	38.9	50.0	78	34-162	<1	30
Carbon Tetrachloride	1.0 U	66.8	50.0	134	68.4	50.0	137 *	65-135	2	30
Chlorobenzene	1.0 U	47.7	50.0	95	48.5	50.0	97	76-125	2	30
Chloroethane	1.0 U	50.8	50.0	102	47.8	50.0	96	70-140	6	30
Chloroform	1.0 U	50.9	50.0	102	50.9	50.0	102	75-130	<1	30
Chloromethane	1.0 U	42.6	50.0	85	43.3	50.0	87	55-160	2	30
Cyclohexane	1.0 U	48.9	50.0	98	49.9	50.0	100	52-145	2	30
Dibromochloromethane	1.0 U	57.0	50.0	114	58.2	50.0	116	72-128	2	30
Dichlorodifluoromethane (CFC 12)	1.0 U	49.5	50.0	99	49.4	50.0	99	49-154	<1	30
Dichloromethane	1.0 U	44.6	50.0	89	45.8	50.0	92	75-121	3	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16
		Date Analyzed:	12/22/16

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA
Analysis Method:	8260C		

		Matrix Spike RQ1615596-05			Duplicate Matrix Spike RQ1615596-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Ethylbenzene	1.0 U	46.9	50.0	94	47.5	50.0	95	72-134	1	30
Isopropylbenzene (Cumene)	1.0 U	44.8	50.0	90	44.5	50.0	89	76-136	<1	30
Methyl Acetate	2.0 U	44.6	50.0	89	43.3	50.0	87	36-146	3	30
Methyl tert-Butyl Ether	1.0 U	49.2	50.0	98	48.7	50.0	97	74-130	1	30
Methylcyclohexane	1.0 U	50.0	50.0	100	49.0	50.0	98	45-146	2	30
Styrene	1.0 U	42.1	50.0	84	43.9	50.0	88	34-156	4	30
Tetrachloroethene (PCE)	1.0 U	49.7	50.0	99	48.2	50.0	96	67-137	3	30
Toluene	0.20 J	46.3	50.0	92	48.2	50.0	96	79-125	4	30
Trichloroethene (TCE)	1.0 U	52.7	50.0	105	53.5	50.0	107	62-142	1	30
Trichlorofluoromethane (CFC 11)	1.0 U	51.4	50.0	103	53.0	50.0	106	72-142	3	30
Vinyl Chloride	1.0 U	50.9	50.0	102	52.2	50.0	104	60-157	3	30
cis-1,2-Dichloroethene	1.0 U	53.0	50.0	106	53.8	50.0	108	72-133	1	30
cis-1,3-Dichloropropene	1.0 U	53.4	50.0	107	54.6	50.0	109	52-134	2	30
m,p-Xylenes	2.0 U	91.5	100	92	93.0	100	93	68-138	2	30
o-Xylene	1.0 U	46.9	50.0	94	46.4	50.0	93	68-134	<1	30
trans-1,2-Dichloroethene	1.0 U	51.7	50.0	103	50.8	50.0	102	77-125	2	30
trans-1,3-Dichloropropene	1.0 U	58.5	50.0	117	59.6	50.0	119	50-142	2	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615596-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	12/22/16 11:37	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	12/22/16 11:37	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	12/22/16 11:37	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	12/22/16 11:37	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	12/22/16 11:37	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	12/22/16 11:37	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	12/22/16 11:37	
1,2,4-Trichlorobenzene	**0.41 J**	1.0	0.23	1	12/22/16 11:37	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	12/22/16 11:37	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	12/22/16 11:37	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	12/22/16 11:37	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	12/22/16 11:37	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	12/22/16 11:37	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	12/22/16 11:37	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	12/22/16 11:37	
1,4-Dioxane	40 U	40	20	1	12/22/16 11:37	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	12/22/16 11:37	
2-Hexanone	5.0 U	5.0	1.7	1	12/22/16 11:37	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	12/22/16 11:37	
Acetone	5.0 U	5.0	1.3	1	12/22/16 11:37	
Benzene	1.0 U	1.0	0.20	1	12/22/16 11:37	
Bromochloromethane	1.0 U	1.0	0.32	1	12/22/16 11:37	
Bromodichloromethane	1.0 U	1.0	0.32	1	12/22/16 11:37	
Bromoform	1.0 U	1.0	0.42	1	12/22/16 11:37	
Bromomethane	**0.67 J**	1.0	0.29	1	12/22/16 11:37	
Carbon Disulfide	1.0 U	1.0	0.22	1	12/22/16 11:37	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	12/22/16 11:37	
Chlorobenzene	1.0 U	1.0	0.29	1	12/22/16 11:37	
Chloroethane	1.0 U	1.0	0.24	1	12/22/16 11:37	
Chloroform	1.0 U	1.0	0.25	1	12/22/16 11:37	
Chloromethane	1.0 U	1.0	0.21	1	12/22/16 11:37	
Cyclohexane	1.0 U	1.0	0.25	1	12/22/16 11:37	
Dibromochloromethane	1.0 U	1.0	0.31	1	12/22/16 11:37	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	12/22/16 11:37	
Dichloromethane	1.0 U	1.0	0.60	1	12/22/16 11:37	
Ethylbenzene	1.0 U	1.0	0.20	1	12/22/16 11:37	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	12/22/16 11:37	
Methyl Acetate	2.0 U	2.0	0.43	1	12/22/16 11:37	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	12/22/16 11:37	
Methylcyclohexane	1.0 U	1.0	0.27	1	12/22/16 11:37	
Styrene	1.0 U	1.0	0.20	1	12/22/16 11:37	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	12/22/16 11:37	
Toluene	1.0 U	1.0	0.20	1	12/22/16 11:37	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615596-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/22/16 11:37	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/22/16 11:37	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/22/16 11:37	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/22/16 11:37	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/22/16 11:37	
m,p-Xylenes	2.0 U	2.0	0.33	1	12/22/16 11:37	
o-Xylene	1.0 U	1.0	0.20	1	12/22/16 11:37	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/22/16 11:37	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/22/16 11:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	12/22/16 11:37	
Dibromofluoromethane	100	89 - 119	12/22/16 11:37	
Toluene-d8	111	87 - 121	12/22/16 11:37	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615753-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	12/27/16 12:17	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	12/27/16 12:17	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	12/27/16 12:17	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	12/27/16 12:17	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	12/27/16 12:17	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	12/27/16 12:17	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	12/27/16 12:17	
1,2,4-Trichlorobenzene	**0.26 J**	1.0	0.23	1	12/27/16 12:17	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	12/27/16 12:17	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	12/27/16 12:17	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	12/27/16 12:17	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	12/27/16 12:17	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	12/27/16 12:17	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	12/27/16 12:17	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	12/27/16 12:17	
1,4-Dioxane	40 U	40	20	1	12/27/16 12:17	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	12/27/16 12:17	
2-Hexanone	5.0 U	5.0	1.7	1	12/27/16 12:17	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	12/27/16 12:17	
Acetone	5.0 U	5.0	1.3	1	12/27/16 12:17	
Benzene	1.0 U	1.0	0.20	1	12/27/16 12:17	
Bromochloromethane	1.0 U	1.0	0.32	1	12/27/16 12:17	
Bromodichloromethane	1.0 U	1.0	0.32	1	12/27/16 12:17	
Bromoform	1.0 U	1.0	0.42	1	12/27/16 12:17	
Bromomethane	**0.51 J**	1.0	0.29	1	12/27/16 12:17	
Carbon Disulfide	1.0 U	1.0	0.22	1	12/27/16 12:17	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	12/27/16 12:17	
Chlorobenzene	1.0 U	1.0	0.29	1	12/27/16 12:17	
Chloroethane	1.0 U	1.0	0.24	1	12/27/16 12:17	
Chloroform	1.0 U	1.0	0.25	1	12/27/16 12:17	
Chloromethane	1.0 U	1.0	0.21	1	12/27/16 12:17	
Cyclohexane	1.0 U	1.0	0.25	1	12/27/16 12:17	
Dibromochloromethane	1.0 U	1.0	0.31	1	12/27/16 12:17	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	12/27/16 12:17	
Dichloromethane	1.0 U	1.0	0.60	1	12/27/16 12:17	
Ethylbenzene	1.0 U	1.0	0.20	1	12/27/16 12:17	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	12/27/16 12:17	
Methyl Acetate	2.0 U	2.0	0.43	1	12/27/16 12:17	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	12/27/16 12:17	
Methylcyclohexane	1.0 U	1.0	0.27	1	12/27/16 12:17	
Styrene	1.0 U	1.0	0.20	1	12/27/16 12:17	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	12/27/16 12:17	
Toluene	1.0 U	1.0	0.20	1	12/27/16 12:17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615753-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	12/27/16 12:17	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	12/27/16 12:17	
Vinyl Chloride	1.0 U	1.0	0.32	1	12/27/16 12:17	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	12/27/16 12:17	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	12/27/16 12:17	
m,p-Xylenes	2.0 U	2.0	0.33	1	12/27/16 12:17	
o-Xylene	1.0 U	1.0	0.20	1	12/27/16 12:17	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	12/27/16 12:17	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	12/27/16 12:17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	12/27/16 12:17	
Dibromofluoromethane	102	89 - 119	12/27/16 12:17	
Toluene-d8	111	87 - 121	12/27/16 12:17	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/22/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1615596-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	22.6	20.0	113	74-120
1,1,2,2-Tetrachloroethane	8260C	19.1	20.0	95	78-122
1,1,2-Trichloroethane	8260C	19.3	20.0	96	82-118
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	19.4	20.0	97	75-124
1,1-Dichloroethane (1,1-DCA)	8260C	21.3	20.0	106	78-117
1,1-Dichloroethene (1,1-DCE)	8260C	20.5	20.0	102	74-135
1,2,3-Trichlorobenzene	8260C	19.2	20.0	96	56-164
1,2,4-Trichlorobenzene	8260C	20.6	20.0	103	68-147
1,2-Dibromo-3-chloropropane (DBCP)	8260C	22.1	20.0	110	55-149
1,2-Dibromoethane	8260C	22.0	20.0	110	81-125
1,2-Dichlorobenzene	8260C	19.5	20.0	97	80-119
1,2-Dichloroethane	8260C	19.9	20.0	100	71-127
1,2-Dichloropropane	8260C	20.5	20.0	103	80-119
1,3-Dichlorobenzene	8260C	19.9	20.0	100	79-121
1,4-Dichlorobenzene	8260C	19.8	20.0	99	79-119
1,4-Dioxane	8260C	438	400	110	69-151
2-Butanone (MEK)	8260C	16.5	20.0	83	61-137
2-Hexanone	8260C	16.9	20.0	85	63-124
4-Methyl-2-pentanone	8260C	16.3	20.0	81	66-124
Acetone	8260C	15.5	20.0	77	40-161
Benzene	8260C	20.6	20.0	103	76-118
Bromochloromethane	8260C	21.1	20.0	106	81-126
Bromodichloromethane	8260C	22.0	20.0	110	78-126
Bromoform	8260C	26.9	20.0	134	71-136
Bromomethane	8260C	17.9	20.0	89	42-166
Carbon Disulfide	8260C	16.4	20.0	82	65-127
Carbon Tetrachloride	8260C	26.2	20.0	131 *	68-125
Chlorobenzene	8260C	20.8	20.0	104	80-121
Chloroethane	8260C	21.1	20.0	105	70-127
Chloroform	8260C	20.6	20.0	103	76-120
Chloromethane	8260C	19.0	20.0	95	69-145
Cyclohexane	8260C	17.6	20.0	88	63-121
Dibromochloromethane	8260C	24.1	20.0	120	77-128

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/22/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1615596-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	21.0	20.0	105	65-152
Dichloromethane	8260C	19.0	20.0	95	73-122
Ethylbenzene	8260C	19.2	20.0	96	76-120
Isopropylbenzene (Cumene)	8260C	20.4	20.0	102	78-126
Methyl Acetate	8260C	16.4	20.0	82	62-131
Methyl tert-Butyl Ether	8260C	19.9	20.0	100	78-125
Methylcyclohexane	8260C	18.0	20.0	90	51-129
Styrene	8260C	20.4	20.0	102	80-124
Tetrachloroethene (PCE)	8260C	20.3	20.0	102	78-124
Toluene	8260C	20.2	20.0	101	77-120
Trichloroethene (TCE)	8260C	20.8	20.0	104	78-123
Trichlorofluoromethane (CFC 11)	8260C	21.1	20.0	105	68-126
Vinyl Chloride	8260C	20.7	20.0	103	69-133
cis-1,2-Dichloroethene	8260C	21.5	20.0	108	80-121
cis-1,3-Dichloropropene	8260C	21.7	20.0	109	74-126
m,p-Xylenes	8260C	41.0	40.0	103	78-123
o-Xylene	8260C	20.0	20.0	100	80-120
trans-1,2-Dichloroethene	8260C	19.9	20.0	100	80-120
trans-1,3-Dichloropropene	8260C	23.0	20.0	115	67-135

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/27/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1615753-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	23.9	20.0	120	74-120
1,1,2,2-Tetrachloroethane	8260C	20.1	20.0	100	78-122
1,1,2-Trichloroethane	8260C	20.9	20.0	105	82-118
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	20.9	20.0	104	75-124
1,1-Dichloroethane (1,1-DCA)	8260C	21.9	20.0	109	78-117
1,1-Dichloroethene (1,1-DCE)	8260C	21.6	20.0	108	74-135
1,2,3-Trichlorobenzene	8260C	21.9	20.0	110	56-164
1,2,4-Trichlorobenzene	8260C	21.2	20.0	106	68-147
1,2-Dibromo-3-chloropropane (DBCP)	8260C	23.7	20.0	119	55-149
1,2-Dibromoethane	8260C	22.7	20.0	113	81-125
1,2-Dichlorobenzene	8260C	21.3	20.0	106	80-119
1,2-Dichloroethane	8260C	20.0	20.0	100	71-127
1,2-Dichloropropane	8260C	21.5	20.0	107	80-119
1,3-Dichlorobenzene	8260C	20.9	20.0	104	79-121
1,4-Dichlorobenzene	8260C	21.1	20.0	105	79-119
1,4-Dioxane	8260C	491	400	123	69-151
2-Butanone (MEK)	8260C	18.9	20.0	94	61-137
2-Hexanone	8260C	19.1	20.0	95	63-124
4-Methyl-2-pentanone	8260C	18.3	20.0	91	66-124
Acetone	8260C	17.8	20.0	89	40-161
Benzene	8260C	20.5	20.0	103	76-118
Bromochloromethane	8260C	21.5	20.0	107	81-126
Bromodichloromethane	8260C	23.6	20.0	118	78-126
Bromoform	8260C	31.0	20.0	155 *	71-136
Bromomethane	8260C	16.3	20.0	82	42-166
Carbon Disulfide	8260C	17.5	20.0	88	65-127
Carbon Tetrachloride	8260C	26.6	20.0	133 *	68-125
Chlorobenzene	8260C	21.3	20.0	106	80-121
Chloroethane	8260C	20.9	20.0	105	70-127
Chloroform	8260C	21.6	20.0	108	76-120
Chloromethane	8260C	19.5	20.0	98	69-145
Cyclohexane	8260C	20.1	20.0	100	63-121
Dibromochloromethane	8260C	26.1	20.0	131 *	77-128

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/27/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1615753-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	21.7	20.0	109	65-152
Dichloromethane	8260C	18.5	20.0	92	73-122
Ethylbenzene	8260C	20.7	20.0	104	76-120
Isopropylbenzene (Cumene)	8260C	21.9	20.0	109	78-126
Methyl Acetate	8260C	19.5	20.0	97	62-131
Methyl tert-Butyl Ether	8260C	21.2	20.0	106	78-125
Methylcyclohexane	8260C	19.3	20.0	96	51-129
Styrene	8260C	21.1	20.0	106	80-124
Tetrachloroethene (PCE)	8260C	20.8	20.0	104	78-124
Toluene	8260C	20.7	20.0	104	77-120
Trichloroethene (TCE)	8260C	21.6	20.0	108	78-123
Trichlorofluoromethane (CFC 11)	8260C	22.3	20.0	112	68-126
Vinyl Chloride	8260C	21.9	20.0	109	69-133
cis-1,2-Dichloroethene	8260C	22.1	20.0	111	80-121
cis-1,3-Dichloropropene	8260C	22.7	20.0	114	74-126
m,p-Xylenes	8260C	42.3	40.0	106	78-123
o-Xylene	8260C	20.3	20.0	102	80-120
trans-1,2-Dichloroethene	8260C	20.8	20.0	104	80-120
trans-1,3-Dichloropropene	8260C	24.8	20.0	124	67-135

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613247
Project: Fortino Tire/251592
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 35 - 141	2-Fluorobiphenyl 31 - 118	2-Fluorophenol 10 - 105
FT-GW-107	R1613247-001	78	68	40
FT-GW-109	R1613247-003	79	70	40
FT-GW-110	R1613247-005	80	66	34
GW-103	R1613247-011	78	66	33
FT-GW-101	R1613247-013	71	60	37
FT-GW-104	R1613247-015	56	42	36
FT-GW-105	R1613247-018	81	73	38
Method Blank	RQ1615427-01	80	71	38
Lab Control Sample	RQ1615427-02	87	77	43
Duplicate Lab Control Sample	RQ1615427-03	87	77	39
Method Blank	RQ1615499-01	82	74	41
Lab Control Sample	RQ1615499-02	74	74	42
Duplicate Lab Control Sample	RQ1615499-03	71	72	40
FT-GW-105 MS	RQ1615499-04	85	80	47
FT-GW-105 DMS	RQ1615499-05	77	72	38

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613247
Project: Fortino Tire/251592
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 31 - 110	Phenol-d6 10 - 107	Terphenyl-d14 30 - 133
FT-GW-107	R1613247-001	63	29	73
FT-GW-109	R1613247-003	70	31	78
FT-GW-110	R1613247-005	67	24	71
GW-103	R1613247-011	58	24	62
FT-GW-101	R1613247-013	71	27	79
FT-GW-104	R1613247-015	51	28	40
FT-GW-105	R1613247-018	73	27	80
Method Blank	RQ1615427-01	68	26	85
Lab Control Sample	RQ1615427-02	79	32	87
Duplicate Lab Control Sample	RQ1615427-03	72	29	84
Method Blank	RQ1615499-01	74	30	84
Lab Control Sample	RQ1615499-02	73	32	89
Duplicate Lab Control Sample	RQ1615499-03	72	30	86
FT-GW-105 MS	RQ1615499-04	79	35	84
FT-GW-105 DMS	RQ1615499-05	69	27	79

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16
		Date Analyzed:	12/28/16
		Date Extracted:	12/22/16

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ1615499-04			RQ1615499-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	10 U	70.3	100	70	66.3	100	66	47-96	6	30
2,3,4,6-Tetrachlorophenol	10 U	96.0	100	96	85.7	100	86	55-138	11	30
2,4,5-Trichlorophenol	10 U	99.5	100	99	86.9	100	87	59-119	13	30
2,4,6-Trichlorophenol	10 U	102	100	102	90.4	100	90	59-116	13	30
2,4-Dichlorophenol	10 U	96.4	100	96	82.7	100	83	53-112	15	30
2,4-Dimethylphenol	10 U	74.3	100	74	71.9	100	72	37-119	3	30
2,4-Dinitrophenol	50 U	99.5	100	99	92.7	100	93	21-168	6	30
2,4-Dinitrotoluene	10 U	97.1	100	97	84.7	100	85	58-142	13	30
2,6-Dinitrotoluene	10 U	94.3	100	94	82.6	100	83	52-148	12	30
2-Chloronaphthalene	10 U	81.1	100	81	72.9	100	73	57-103	10	30
2-Chlorophenol	10 U	91.2	100	91	77.3	100	77	37-112	17	30
2-Methylnaphthalene	10 U	81.2	100	81	71.5	100	71	45-109	13	30
2-Methylphenol	10 U	81.8	100	82	68.2	100	68	49-103	19	30
2-Nitroaniline	50 U	108	100	108	94.1	100	94	40-136	14	30
2-Nitrophenol	10 U	96.8	100	97	85.5	100	85	51-121	13	30
3,3'-Dichlorobenzidine	10 U	80.6	100	81	67.8	100	68	10-139	17	30
3- and 4-Methylphenol Coelution	10 U	73.6	100	74	61.1	100	61	48-96	19	30
3-Nitroaniline	50 U	81.8	100	82	70.3	100	70	32-112	16	30
4,6-Dinitro-2-methylphenol	50 U	111	100	111	97.9	100	98	52-142	12	30
4-Bromophenyl Phenyl Ether	10 U	87.0	100	87	76.0	100	76	62-107	13	30
4-Chloro-3-methylphenol	10 U	98.0	100	98	83.0	100	83	22-136	17	30
4-Chloroaniline	10 U	73.6	100	74	65.2	100	65	25-107	13	30
4-Chlorophenyl Phenyl Ether	10 U	79.8	100	80	71.7	100	72	58-108	11	30
4-Nitroaniline	50 U	94.0	100	94	89.0	100	89	23-154	5	30
4-Nitrophenol	50 U	45.3	100	45	38.2 J	100	38	16-89	17	30
Acenaphthene	10 U	88.8	100	89	79.4	100	79	62-108	12	30
Acenaphthylene	10 U	92.3	100	92	82.1	100	82	61-108	11	30
Acetophenone	10 U	155	200	77	136	200	68	45-104	12	30
Anthracene	10 U	101	100	101	87.4	100	87	68-110	15	30
Atrazine	10 U	113	100	113	101	100	101	10-113	11	30
Benz(a)anthracene	10 U	101	100	101	88.3	100	88	66-113	14	30
Benzaldehyde	50 U	99.2	100	99	84.8	100	85	48-200	15	30
Benzo(a)pyrene	10 U	104	100	104	91.7	100	92	44-114	12	30
Benzo(b)fluoranthene	10 U	95.9	100	96	86.2	100	86	62-115	11	30
Benzo(g,h,i)perylene	10 U	122	100	122	111	100	111	61-136	9	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16
		Date Analyzed:	12/28/16
		Date Extracted:	12/22/16

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike RQ1615499-04			Duplicate Matrix Spike RQ1615499-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	10 U	99.6	100	100	89.0	100	89	49-133	12	30
Biphenyl	10 U	81.6	100	82	75.0	100	75	41-106	9	30
2,2'-Oxybis(1-chloropropane)	10 U	88.0	100	88	75.2	100	75	43-116	16	30
Bis(2-chloroethoxy)methane	10 U	89.2	100	89	80.4	100	80	49-156	11	30
Bis(2-chloroethyl) Ether	10 U	85.0	100	85	72.8	100	73	56-106	15	30
Bis(2-ethylhexyl) Phthalate	10 U	108	100	108	97.3	100	97	69-124	11	30
Butyl Benzyl Phthalate	10 U	108	100	108	94.1	100	94	41-148	14	30
Caprolactam	10 U	27.4	100	27	23.4	100	23	10-48	16	30
Carbazole	10 U	108	100	108	94.2	100	94	49-127	14	30
Chrysene	10 U	98.1	100	98	85.9	100	86	64-117	13	30
Di-n-butyl Phthalate	10 U	111	100	111	97.8	100	98	68-117	12	30
Di-n-octyl Phthalate	10 U	99.1	100	99	90.1	100	90	44-151	10	30
Dibenz(a,h)anthracene	10 U	109	100	109	97.3	100	97	57-127	12	30
Dibenzofuran	10 U	88.1	100	88	78.9	100	79	65-102	11	30
Diethyl Phthalate	10 U	97.5	100	97	86.2	100	86	64-117	12	30
Dimethyl Phthalate	10 U	98.9	100	99	87.0	100	87	63-112	13	30
Fluoranthene	10 U	103	100	103	90.1	100	90	62-120	13	30
Fluorene	10 U	87.6	100	88	79.2	100	79	66-107	11	30
Hexachlorobenzene	10 U	90.5	100	90	80.5	100	81	61-110	11	30
Hexachlorobutadiene	10 U	67.1	100	67	62.1	100	62	10-111	8	30
Hexachlorocyclopentadiene	10 U	40.3	100	40	37.6	100	38	10-103	5	30
Hexachloroethane	10 U	58.3	100	58	51.0	100	51	12-101	13	30
Indeno(1,2,3-cd)pyrene	10 U	117	100	117	104	100	104	58-126	12	30
Isophorone	10 U	92.8	100	93	81.1	100	81	54-109	14	30
N-Nitrosodi-n-propylamine	10 U	91.2	100	91	77.9	100	78	25-120	15	30
N-Nitrosodiphenylamine	10 U	108	100	108	94.4	100	94	35-150	14	30
Naphthalene	10 U	79.6	100	80	70.9	100	71	28-113	12	30
Nitrobenzene	10 U	86.7	100	87	74.8	100	75	48-107	15	30
Pentachlorophenol (PCP)	50 U	122	100	122	103	100	103	34-159	17	30
Phenanthrene	10 U	96.9	100	97	83.4	100	83	58-118	16	30
Phenol	10 U	44.9	100	45	34.9	100	35	13-58	25	30
Pyrene	10 U	101	100	101	88.3	100	88	62-123	14	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615427-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	10 U	10	1.9	1	12/22/16 07:28	12/21/16	
2,3,4,6-Tetrachlorophenol	10 U	10	2.0	1	12/22/16 07:28	12/21/16	
2,4,5-Trichlorophenol	10 U	10	1.8	1	12/22/16 07:28	12/21/16	
2,4,6-Trichlorophenol	10 U	10	1.4	1	12/22/16 07:28	12/21/16	
2,4-Dichlorophenol	10 U	10	1.3	1	12/22/16 07:28	12/21/16	
2,4-Dimethylphenol	10 U	10	1.5	1	12/22/16 07:28	12/21/16	
2,4-Dinitrophenol	50 U	50	20	1	12/22/16 07:28	12/21/16	
2,4-Dinitrotoluene	10 U	10	1.6	1	12/22/16 07:28	12/21/16	
2,6-Dinitrotoluene	10 U	10	1.8	1	12/22/16 07:28	12/21/16	
2-Chloronaphthalene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
2-Chlorophenol	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
2-Methylnaphthalene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
2-Methylphenol	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
2-Nitroaniline	50 U	50	9.1	1	12/22/16 07:28	12/21/16	
2-Nitrophenol	10 U	10	1.4	1	12/22/16 07:28	12/21/16	
3,3'-Dichlorobenzidine	10 U	10	4.5	1	12/22/16 07:28	12/21/16	
3- and 4-Methylphenol Coelution	10 U	10	2.0	1	12/22/16 07:28	12/21/16	
3-Nitroaniline	50 U	50	7.7	1	12/22/16 07:28	12/21/16	
4,6-Dinitro-2-methylphenol	50 U	50	11	1	12/22/16 07:28	12/21/16	
4-Bromophenyl Phenyl Ether	10 U	10	2.2	1	12/22/16 07:28	12/21/16	
4-Chloro-3-methylphenol	10 U	10	1.2	1	12/22/16 07:28	12/21/16	
4-Chloroaniline	10 U	10	1.5	1	12/22/16 07:28	12/21/16	
4-Chlorophenyl Phenyl Ether	10 U	10	1.2	1	12/22/16 07:28	12/21/16	
4-Nitroaniline	50 U	50	7.8	1	12/22/16 07:28	12/21/16	
4-Nitrophenol	50 U	50	5.9	1	12/22/16 07:28	12/21/16	
Acenaphthene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Acenaphthylene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Acetophenone	10 U	10	1.6	1	12/22/16 07:28	12/21/16	
Anthracene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Atrazine	10 U	10	2.7	1	12/22/16 07:28	12/21/16	
Benz(a)anthracene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Benzaldehyde	50 U	50	3.3	1	12/22/16 07:28	12/21/16	
Benzo(a)pyrene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Benzo(b)fluoranthene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Benzo(g,h,i)perylene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Benzo(k)fluoranthene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Biphenyl	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Bis(2-chloroethoxy)methane	10 U	10	2.2	1	12/22/16 07:28	12/21/16	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	12/22/16 07:28	12/21/16	
Bis(2-ethylhexyl) Phthalate	10 U	10	1.2	1	12/22/16 07:28	12/21/16	
Butyl Benzyl Phthalate	10 U	10	2.4	1	12/22/16 07:28	12/21/16	
Caprolactam	10 U	10	1.8	1	12/22/16 07:28	12/21/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615427-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	10 U	10	1.1	1	12/22/16 07:28	12/21/16	
Chrysene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Di-n-butyl Phthalate	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Di-n-octyl Phthalate	10 U	10	1.2	1	12/22/16 07:28	12/21/16	
Dibenz(a,h)anthracene	10 U	10	1.3	1	12/22/16 07:28	12/21/16	
Dibenzofuran	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Diethyl Phthalate	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Dimethyl Phthalate	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Fluoranthene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Fluorene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Hexachlorobenzene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Hexachlorobutadiene	10 U	10	1.3	1	12/22/16 07:28	12/21/16	
Hexachlorocyclopentadiene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Hexachloroethane	10 U	10	1.2	1	12/22/16 07:28	12/21/16	
Indeno(1,2,3-cd)pyrene	10 U	10	1.2	1	12/22/16 07:28	12/21/16	
Isophorone	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
N-Nitrosodi-n-propylamine	10 U	10	1.3	1	12/22/16 07:28	12/21/16	
N-Nitrosodiphenylamine	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Naphthalene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Nitrobenzene	10 U	10	1.6	1	12/22/16 07:28	12/21/16	
Pentachlorophenol (PCP)	50 U	50	6.9	1	12/22/16 07:28	12/21/16	
Phenanthrene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Phenol	10 U	10	1.0	1	12/22/16 07:28	12/21/16	
Pyrene	10 U	10	1.0	1	12/22/16 07:28	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	80	35 - 141	12/22/16 07:28	
2-Fluorobiphenyl	71	31 - 118	12/22/16 07:28	
2-Fluorophenol	38	10 - 105	12/22/16 07:28	
Nitrobenzene-d5	68	31 - 110	12/22/16 07:28	
Phenol-d6	26	10 - 107	12/22/16 07:28	
Terphenyl-d14	85	30 - 133	12/22/16 07:28	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	unknown	17.11	6.1	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615499-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	10 U	10	1.9	1	12/28/16 10:02	12/22/16	
2,3,4,6-Tetrachlorophenol	10 U	10	2.0	1	12/28/16 10:02	12/22/16	
2,4,5-Trichlorophenol	10 U	10	1.8	1	12/28/16 10:02	12/22/16	
2,4,6-Trichlorophenol	10 U	10	1.4	1	12/28/16 10:02	12/22/16	
2,4-Dichlorophenol	10 U	10	1.3	1	12/28/16 10:02	12/22/16	
2,4-Dimethylphenol	10 U	10	1.5	1	12/28/16 10:02	12/22/16	
2,4-Dinitrophenol	50 U	50	20	1	12/28/16 10:02	12/22/16	
2,4-Dinitrotoluene	10 U	10	1.6	1	12/28/16 10:02	12/22/16	
2,6-Dinitrotoluene	10 U	10	1.8	1	12/28/16 10:02	12/22/16	
2-Chloronaphthalene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
2-Chlorophenol	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
2-Methylnaphthalene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
2-Methylphenol	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
2-Nitroaniline	50 U	50	9.1	1	12/28/16 10:02	12/22/16	
2-Nitrophenol	10 U	10	1.4	1	12/28/16 10:02	12/22/16	
3,3'-Dichlorobenzidine	10 U	10	4.5	1	12/28/16 10:02	12/22/16	
3- and 4-Methylphenol Coelution	10 U	10	2.0	1	12/28/16 10:02	12/22/16	
3-Nitroaniline	50 U	50	7.7	1	12/28/16 10:02	12/22/16	
4,6-Dinitro-2-methylphenol	50 U	50	11	1	12/28/16 10:02	12/22/16	
4-Bromophenyl Phenyl Ether	10 U	10	2.2	1	12/28/16 10:02	12/22/16	
4-Chloro-3-methylphenol	10 U	10	1.2	1	12/28/16 10:02	12/22/16	
4-Chloroaniline	10 U	10	1.5	1	12/28/16 10:02	12/22/16	
4-Chlorophenyl Phenyl Ether	10 U	10	1.2	1	12/28/16 10:02	12/22/16	
4-Nitroaniline	50 U	50	7.8	1	12/28/16 10:02	12/22/16	
4-Nitrophenol	50 U	50	5.9	1	12/28/16 10:02	12/22/16	
Acenaphthene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Acenaphthylene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Acetophenone	10 U	10	1.6	1	12/28/16 10:02	12/22/16	
Anthracene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Atrazine	10 U	10	2.7	1	12/28/16 10:02	12/22/16	
Benz(a)anthracene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Benzaldehyde	50 U	50	3.3	1	12/28/16 10:02	12/22/16	
Benzo(a)pyrene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Benzo(b)fluoranthene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Benzo(g,h,i)perylene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Benzo(k)fluoranthene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Biphenyl	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Bis(2-chloroethoxy)methane	10 U	10	2.2	1	12/28/16 10:02	12/22/16	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	12/28/16 10:02	12/22/16	
Bis(2-ethylhexyl) Phthalate	10 U	10	1.2	1	12/28/16 10:02	12/22/16	
Butyl Benzyl Phthalate	10 U	10	2.4	1	12/28/16 10:02	12/22/16	
Caprolactam	10 U	10	1.8	1	12/28/16 10:02	12/22/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615499-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	10 U	10	1.1	1	12/28/16 10:02	12/22/16	
Chrysene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Di-n-butyl Phthalate	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Di-n-octyl Phthalate	10 U	10	1.2	1	12/28/16 10:02	12/22/16	
Dibenz(a,h)anthracene	10 U	10	1.3	1	12/28/16 10:02	12/22/16	
Dibenzofuran	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Diethyl Phthalate	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Dimethyl Phthalate	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Fluoranthene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Fluorene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Hexachlorobenzene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Hexachlorobutadiene	10 U	10	1.3	1	12/28/16 10:02	12/22/16	
Hexachlorocyclopentadiene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Hexachloroethane	10 U	10	1.2	1	12/28/16 10:02	12/22/16	
Indeno(1,2,3-cd)pyrene	10 U	10	1.2	1	12/28/16 10:02	12/22/16	
Isophorone	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
N-Nitrosodi-n-propylamine	10 U	10	1.3	1	12/28/16 10:02	12/22/16	
N-Nitrosodiphenylamine	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Naphthalene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Nitrobenzene	10 U	10	1.6	1	12/28/16 10:02	12/22/16	
Pentachlorophenol (PCP)	50 U	50	6.9	1	12/28/16 10:02	12/22/16	
Phenanthrene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Phenol	10 U	10	1.0	1	12/28/16 10:02	12/22/16	
Pyrene	10 U	10	1.0	1	12/28/16 10:02	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	82	35 - 141	12/28/16 10:02	
2-Fluorobiphenyl	74	31 - 118	12/28/16 10:02	
2-Fluorophenol	41	10 - 105	12/28/16 10:02	
Nitrobenzene-d5	74	31 - 110	12/28/16 10:02	
Phenol-d6	30	10 - 107	12/28/16 10:02	
Terphenyl-d14	84	30 - 133	12/28/16 10:02	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/22/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615427-02			RQ1615427-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	8270D	61.1	100	61	63.1	100	63	25-123	3	30
2,3,4,6-Tetrachlorophenol	8270D	86.4	100	86	83.3	100	83	59-150	4	30
2,4,5-Trichlorophenol	8270D	86.3	100	86	81.6	100	82	63-121	5	30
2,4,6-Trichlorophenol	8270D	87.9	100	88	88.8	100	89	64-116	1	30
2,4-Dichlorophenol	8270D	91.1	100	91	84.2	100	84	52-111	8	30
2,4-Dimethylphenol	8270D	88.6	100	89	82.8	100	83	44-114	7	30
2,4-Dinitrophenol	8270D	39.4 J	100	39	63.0	100	63	10-160	47*	30
2,4-Dinitrotoluene	8270D	87.1	100	87	86.1	100	86	62-142	1	30
2,6-Dinitrotoluene	8270D	81.1	100	81	77.7	100	78	61-139	4	30
2-Chloronaphthalene	8270D	68.5	100	68	67.4	100	67	53-98	1	30
2-Chlorophenol	8270D	83.3	100	83	74.9	100	75	42-112	10	30
2-Methylnaphthalene	8270D	70.1	100	70	67.5	100	68	34-102	3	30
2-Methylphenol	8270D	70.7	100	71	62.9	100	63	59-104	12	30
2-Nitroaniline	8270D	91.3	100	91	88.1	100	88	52-133	3	30
2-Nitrophenol	8270D	88.0	100	88	79.6	100	80	51-115	10	30
3,3'-Dichlorobenzidine	8270D	82.4	100	82	76.0	100	76	45-122	8	30
3- and 4-Methylphenol Coelution	8270D	62.0	100	62	57.3	100	57	50-111	8	30
3-Nitroaniline	8270D	83.6	100	84	73.4	100	73	48-115	14	30
4,6-Dinitro-2-methylphenol	8270D	84.2	100	84	84.3	100	84	35-168	<1	30
4-Bromophenyl Phenyl Ether	8270D	83.7	100	84	80.3	100	80	65-113	5	30
4-Chloro-3-methylphenol	8270D	88.7	100	89	85.0	100	85	52-113	5	30
4-Chloroaniline	8270D	85.7	100	86	70.9	100	71	47-104	19	30
4-Chlorophenyl Phenyl Ether	8270D	78.7	100	79	77.4	100	77	61-110	3	30
4-Nitroaniline	8270D	83.7	100	84	81.5	100	82	54-133	2	30
4-Nitrophenol	8270D	31.0 J	100	31	27.6 J	100	28	10-126	10	30
Acenaphthene	8270D	78.7	100	79	75.5	100	76	54-125	4	30
Acenaphthylene	8270D	78.9	100	79	77.5	100	78	60-106	1	30
Acetophenone	8270D	152	200	76	141	200	71	46-114	7	30
Anthracene	8270D	94.3	100	94	89.4	100	89	55-116	5	30
Atrazine	8270D	114	100	114	115	100	115	60-158	<1	30
Benz(a)anthracene	8270D	93.5	100	93	89.6	100	90	66-110	3	30
Benzaldehyde	8270D	88.3	100	88	78.7	100	79	46-200	11	30
Benzo(a)pyrene	8270D	94.6	100	95	89.7	100	90	44-114	5	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/22/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615427-02			RQ1615427-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	88.4	100	88	85.7	100	86	69-117	2	30
Benzo(g,h,i)perylene	8270D	106	100	106	108	100	108	63-136	2	30
Benzo(k)fluoranthene	8270D	92.2	100	92	88.5	100	89	49-133	3	30
Biphenyl	8270D	71.2	100	71	71.1	100	71	39-106	<1	30
2,2'-Oxybis(1-chloropropane)	8270D	74.3	100	74	66.5	100	66	47-132	11	30
Bis(2-chloroethoxy)methane	8270D	83.4	100	83	78.8	100	79	55-110	5	30
Bis(2-chloroethyl) Ether	8270D	75.5	100	75	69.0	100	69	56-102	8	30
Bis(2-ethylhexyl) Phthalate	8270D	91.6	100	92	88.6	100	89	70-132	3	30
Butyl Benzyl Phthalate	8270D	95.2	100	95	93.0	100	93	41-148	2	30
Caprolactam	8270D	26.0	100	26	27.0	100	27	10-41	4	30
Carbazole	8270D	96.7	100	97	89.8	100	90	61-126	7	30
Chrysene	8270D	92.2	100	92	91.7	100	92	57-118	<1	30
Di-n-butyl Phthalate	8270D	97.7	100	98	93.2	100	93	57-139	5	30
Di-n-octyl Phthalate	8270D	88.2	100	88	85.2	100	85	70-134	3	30
Dibenz(a,h)anthracene	8270D	95.9	100	96	99.9	100	100	58-132	4	30
Dibenzofuran	8270D	83.1	100	83	80.4	100	80	62-105	4	30
Diethyl Phthalate	8270D	90.9	100	91	87.1	100	87	65-122	4	30
Dimethyl Phthalate	8270D	88.8	100	89	86.5	100	86	58-119	3	30
Fluoranthene	8270D	93.4	100	93	87.8	100	88	66-127	6	30
Fluorene	8270D	82.2	100	82	80.1	100	80	66-110	2	30
Hexachlorobenzene	8270D	89.2	100	89	85.8	100	86	68-115	3	30
Hexachlorobutadiene	8270D	66.7	100	67	62.7	100	63	16-95	6	30
Hexachlorocyclopentadiene	8270D	38.2	100	38	36.7	100	37	10-99	3	30
Hexachloroethane	8270D	59.0	100	59	53.0	100	53	15-92	11	30
Indeno(1,2,3-cd)pyrene	8270D	96.5	100	97	92.6	100	93	65-124	4	30
Isophorone	8270D	84.2	100	84	79.8	100	80	50-116	5	30
N-Nitrosodi-n-propylamine	8270D	79.7	100	80	75.6	100	76	49-115	5	30
N-Nitrosodiphenylamine	8270D	98.0	100	98	92.3	100	92	45-123	6	30
Naphthalene	8270D	73.6	100	74	69.0	100	69	36-95	7	30
Nitrobenzene	8270D	81.1	100	81	75.1	100	75	46-108	8	30
Pentachlorophenol (PCP)	8270D	76.5	100	77	91.3	100	91	41-154	17	30
Phenanthrene	8270D	91.9	100	92	87.8	100	88	58-118	4	30
Phenol	8270D	38.2	100	38	34.6	100	35	10-113	8	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/22/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615427-02			RQ1615427-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	93.2	100	93	88.7	100	89	69-127	4	30

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/28/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615499-02			RQ1615499-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	8270D	52.4	100	52	54.3	100	54	25-123	4	30
2,3,4,6-Tetrachlorophenol	8270D	73.7	100	74	69.7	100	70	59-150	6	30
2,4,5-Trichlorophenol	8270D	89.4	100	89	83.5	100	84	63-121	6	30
2,4,6-Trichlorophenol	8270D	89.4	100	89	85.0	100	85	64-116	5	30
2,4-Dichlorophenol	8270D	85.6	100	86	81.0	100	81	52-111	6	30
2,4-Dimethylphenol	8270D	88.1	100	88	82.0	100	82	44-114	7	30
2,4-Dinitrophenol	8270D	34.5 J	100	34	44.6 J	100	45	10-160	28	30
2,4-Dinitrotoluene	8270D	89.7	100	90	82.2	100	82	62-142	9	30
2,6-Dinitrotoluene	8270D	89.6	100	90	83.4	100	83	61-139	8	30
2-Chloronaphthalene	8270D	64.7	100	65	59.9	100	60	53-98	8	30
2-Chlorophenol	8270D	80.0	100	80	72.1	100	72	42-112	11	30
2-Methylnaphthalene	8270D	64.2	100	64	62.5	100	63	34-102	2	30
2-Methylphenol	8270D	77.8	100	78	68.8	100	69	59-104	12	30
2-Nitroaniline	8270D	102	100	102	92.3	100	92	52-133	10	30
2-Nitrophenol	8270D	89.3	100	89	82.0	100	82	51-115	8	30
3,3'-Dichlorobenzidine	8270D	96.0	100	96	90.3	100	90	45-122	6	30
3- and 4-Methylphenol Coelution	8270D	69.0	100	69	62.6	100	63	50-111	9	30
3-Nitroaniline	8270D	88.0	100	88	82.5	100	82	48-115	7	30
4,6-Dinitro-2-methylphenol	8270D	74.8	100	75	78.9	100	79	35-168	5	30
4-Bromophenyl Phenyl Ether	8270D	83.2	100	83	75.9	100	76	65-113	9	30
4-Chloro-3-methylphenol	8270D	87.5	100	87	83.9	100	84	52-113	4	30
4-Chloroaniline	8270D	89.7	100	90	81.5	100	82	47-104	9	30
4-Chlorophenyl Phenyl Ether	8270D	73.5	100	73	67.2	100	67	61-110	9	30
4-Nitroaniline	8270D	96.4	100	96	86.5	100	86	54-133	11	30
4-Nitrophenol	8270D	38.2 J	100	38	32.9 J	100	33	10-126	14	30
Acenaphthene	8270D	75.0	100	75	71.6	100	72	54-125	4	30
Acenaphthylene	8270D	77.9	100	78	74.8	100	75	60-106	4	30
Acetophenone	8270D	147	200	74	132	200	66	46-114	11	30
Anthracene	8270D	97.6	100	98	90.4	100	90	55-116	9	30
Atrazine	8270D	108	100	108	94.8	100	95	60-158	13	30
Benz(a)anthracene	8270D	96.9	100	97	91.5	100	91	66-110	6	30
Benzaldehyde	8270D	93.1	100	93	82.1	100	82	46-200	13	30
Benzo(a)pyrene	8270D	102	100	102	96.1	100	96	44-114	6	30

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/28/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615499-02			RQ1615499-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	95.1	100	95	89.2	100	89	69-117	7	30
Benzo(g,h,i)perylene	8270D	121	100	121	118	100	118	63-136	3	30
Benzo(k)fluoranthene	8270D	97.0	100	97	94.1	100	94	49-133	3	30
Biphenyl	8270D	63.1	100	63	61.0	100	61	39-106	3	30
2,2'-Oxybis(1-chloropropane)	8270D	80.3	100	80	72.3	100	72	47-132	11	30
Bis(2-chloroethoxy)methane	8270D	86.4	100	86	80.5	100	81	55-110	6	30
Bis(2-chloroethyl) Ether	8270D	76.3	100	76	69.0	100	69	56-102	10	30
Bis(2-ethylhexyl) Phthalate	8270D	106	100	106	99.0	100	99	70-132	7	30
Butyl Benzyl Phthalate	8270D	105	100	105	98.5	100	98	41-148	7	30
Caprolactam	8270D	27.3	100	27	25.1	100	25	10-41	8	30
Carbazole	8270D	104	100	104	96.8	100	97	61-126	7	30
Chrysene	8270D	93.8	100	94	91.2	100	91	57-118	3	30
Di-n-butyl Phthalate	8270D	109	100	109	100	100	100	57-139	9	30
Di-n-octyl Phthalate	8270D	99.8	100	100	95.4	100	95	70-134	5	30
Dibenz(a,h)anthracene	8270D	104	100	104	107	100	107	58-132	3	30
Dibenzofuran	8270D	76.1	100	76	71.2	100	71	62-105	7	30
Diethyl Phthalate	8270D	90.1	100	90	82.3	100	82	65-122	9	30
Dimethyl Phthalate	8270D	91.7	100	92	85.3	100	85	58-119	8	30
Fluoranthene	8270D	99.7	100	100	92.2	100	92	66-127	8	30
Fluorene	8270D	79.7	100	80	74.4	100	74	66-110	8	30
Hexachlorobenzene	8270D	86.2	100	86	81.1	100	81	68-115	6	30
Hexachlorobutadiene	8270D	59.6	100	60	53.7	100	54	16-95	11	30
Hexachlorocyclopentadiene	8270D	28.8	100	29	28.1	100	28	10-99	4	30
Hexachloroethane	8270D	51.2	100	51	46.2	100	46	15-92	10	30
Indeno(1,2,3-cd)pyrene	8270D	114	100	114	108	100	108	65-124	5	30
Isophorone	8270D	87.2	100	87	82.0	100	82	50-116	6	30
N-Nitrosodi-n-propylamine	8270D	86.2	100	86	78.7	100	79	49-115	8	30
N-Nitrosodiphenylamine	8270D	101	100	101	94.7	100	95	45-123	6	30
Naphthalene	8270D	68.3	100	68	63.0	100	63	36-95	8	30
Nitrobenzene	8270D	78.9	100	79	74.5	100	75	46-108	5	30
Pentachlorophenol (PCP)	8270D	46.1 J	100	46	60.0	100	60	41-154	26	30
Phenanthrene	8270D	93.0	100	93	87.3	100	87	58-118	7	30
Phenol	8270D	40.8	100	41	36.0	100	36	10-113	13	30

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/28/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615499-02			RQ1615499-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	99.1	100	99	91.2	100	91	69-127	8	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
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ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613247
Project: Fortino Tire/251592
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 164	Tetrachloro-m-xylene 10 - 147
FT-GW-107	R1613247-001	32	58
FT-GW-109	R1613247-003	37	63
FT-GW-110	R1613247-005	21	65
GW-103	R1613247-011	29	61
FT-GW-101	R1613247-013	30	58
FT-GW-104	R1613247-015	32	60
FT-GW-105	R1613247-018	41	79
Method Blank	RQ1615366-01	72	72
Lab Control Sample	RQ1615366-02	77	81
Duplicate Lab Control Sample	RQ1615366-03	77	77
Duplicate Lab Control Sample	RQ1615366-03	81	85
Method Blank	RQ1615500-01	77	81
Lab Control Sample	RQ1615500-02	77	89
Duplicate Lab Control Sample	RQ1615500-03	71	83
FT-GW-105 MS	RQ1615500-04	67	81
FT-GW-105 DMS	RQ1615500-05	54	83

ALS Group USA, Corp.
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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16
		Date Analyzed:	12/29/16
		Date Extracted:	12/22/16

Duplicate Matrix Spike Summary
Organochlorine Pesticides by Gas Chromatography

Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA
Analysis Method:	8081B		
Prep Method:	EPA 3510C		

		Matrix Spike RQ1615500-04			**Duplicate Matrix Spike** RQ1615500-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	0.047 U	0.202	0.189	107	0.187	0.189	99	53-143	8	30
4,4'-DDE	0.047 U	0.201	0.189	106	0.191	0.189	101	39-144	5	30
4,4'-DDT	0.047 U	0.190	0.189	101	0.193	0.189	102	46-137	2	30
Aldrin	0.047 U	0.182	0.189	97	0.194	0.189	103	15-148	6	30
Dieldrin	0.047 U	0.214	0.189	114	0.208	0.189	110	55-141	3	30
Endosulfan I	0.047 U	0.194	0.189	103	0.191	0.189	101	52-142	2	30
Endosulfan II	0.047 U	0.205	0.189	109	0.195	0.189	104	56-147	5	30
Endosulfan Sulfate	0.047 U	0.216	0.189	114	0.209	0.189	111	44-146	3	30
Endrin	0.023 J	0.227	0.189	108	0.216	0.189	103	53-144	5	30
Endrin Aldehyde	0.047 U	0.0995	0.189	53	0.109	0.189	58	10-166	9	30
Endrin Ketone	0.021 J	0.208	0.189	99	0.204	0.189	97	54-143	2	30
Heptachlor	0.047 U	0.214	0.189	114	0.209	0.189	111	28-151	2	30
Heptachlor Epoxide	0.047 U	0.220	0.189	117	0.223	0.189	118	57-128	1	30
Methoxychlor	0.047 U	0.199	0.189	106	0.195	0.189	104	50-142	2	30
alpha-BHC	0.047 U	0.223	0.189	118	0.215	0.189	114	40-147	4	30
alpha-Chlordane	0.047 U	0.209	0.189	111	0.201	0.189	107	46-137	4	30
beta-BHC	0.047 U	0.227	0.189	120	0.223	0.189	118	49-136	2	30
delta-BHC	0.047 U	0.254	0.189	135	0.245	0.189	130	32-147	4	30
gamma-BHC (Lindane)	0.047 U	0.231	0.189	123	0.223	0.189	118	44-142	4	30
gamma-Chlordane	0.024 J	0.224	0.189	106	0.222	0.189	105	46-138	<1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615366-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
4,4'-DDE	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
4,4'-DDT	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Aldrin	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Dieldrin	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Endosulfan I	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Endosulfan II	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Endrin	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Endrin Aldehyde	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Endrin Ketone	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Heptachlor	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Methoxychlor	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
Toxaphene	0.50 U	0.50	0.27	1	12/28/16 11:46	12/20/16	
alpha-BHC	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
alpha-Chlordane	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
beta-BHC	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
delta-BHC	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	
gamma-Chlordane	0.050 U	0.050	0.020	1	12/28/16 11:46	12/20/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	72	10 - 164	12/28/16 11:46	
Tetrachloro-m-xylene	72	10 - 147	12/28/16 11:46	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615500-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
4,4'-DDE	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
4,4'-DDT	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Aldrin	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Dieldrin	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Endosulfan I	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Endosulfan II	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Endrin	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Endrin Aldehyde	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Endrin Ketone	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Heptachlor	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Methoxychlor	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
Toxaphene	0.50 U	0.50	0.27	1	12/29/16 13:17	12/22/16	
alpha-BHC	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
alpha-Chlordane	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
beta-BHC	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
delta-BHC	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	
gamma-Chlordane	0.050 U	0.050	0.020	1	12/29/16 13:17	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	77	10 - 164	12/29/16 13:17	
Tetrachloro-m-xylene	81	10 - 147	12/29/16 13:17	

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/28/16

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615366-02			RQ1615366-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.213	0.200	106	0.210	0.200	105	53-143	1	30
4,4'-DDE	8081B	0.208	0.200	104	0.211	0.200	106	39-144	2	30
4,4'-DDT	8081B	0.207	0.200	104	0.218	0.200	109	46-137	5	30
Aldrin	8081B	0.178	0.200	89	0.160	0.200	80	15-148	11	30
Dieldrin	8081B	0.217	0.200	109	0.218	0.200	109	55-141	<1	30
Endosulfan I	8081B	0.197	0.200	99	0.195	0.200	98	52-142	1	30
Endosulfan II	8081B	0.211	0.200	106	0.219	0.200	109	56-147	4	30
Endosulfan Sulfate	8081B	0.217	0.200	109	0.224	0.200	112	44-146	3	30
Endrin	8081B	0.218	0.200	109	0.226	0.200	113	53-144	4	30
Endrin Aldehyde	8081B	0.101	0.200	50	0.185	0.200	93	10-166	59*	30
Endrin Ketone	8081B	0.222	0.200	111	0.226	0.200	113	54-143	2	30
Heptachlor	8081B	0.198	0.200	99	0.186	0.200	93	28-151	6	30
Heptachlor Epoxide	8081B	0.212	0.200	106	0.209	0.200	105	57-128	1	30
Methoxychlor	8081B	0.218	0.200	109	0.217	0.200	109	50-142	<1	30
alpha-BHC	8081B	0.205	0.200	103	0.203	0.200	102	40-147	1	30
alpha-Chlordane	8081B	0.210	0.200	105	0.209	0.200	104	46-137	<1	30
beta-BHC	8081B	0.215	0.200	107	0.207	0.200	103	49-136	4	30
delta-BHC	8081B	0.221	0.200	110	0.216	0.200	108	32-147	2	30
gamma-BHC (Lindane)	8081B	0.211	0.200	106	0.204	0.200	102	44-142	3	30
gamma-Chlordane	8081B	0.212	0.200	106	0.207	0.200	104	46-138	3	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/29/16

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615500-02			RQ1615500-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.225	0.200	113	0.199	0.200	100	53-143	12	30
4,4'-DDE	8081B	0.222	0.200	111	0.195	0.200	98	39-144	13	30
4,4'-DDT	8081B	0.219	0.200	109	0.194	0.200	97	46-137	12	30
Aldrin	8081B	0.188	0.200	94	0.169	0.200	84	15-148	11	30
Dieldrin	8081B	0.232	0.200	116	0.206	0.200	103	55-141	12	30
Endosulfan I	8081B	0.210	0.200	105	0.188	0.200	94	52-142	11	30
Endosulfan II	8081B	0.222	0.200	111	0.197	0.200	98	56-147	12	30
Endosulfan Sulfate	8081B	0.228	0.200	114	0.205	0.200	103	44-146	11	30
Endrin	8081B	0.235	0.200	118	0.209	0.200	105	53-144	12	30
Endrin Aldehyde	8081B	0.200	0.200	100	0.175	0.200	88	10-166	13	30
Endrin Ketone	8081B	0.231	0.200	115	0.207	0.200	104	54-143	11	30
Heptachlor	8081B	0.210	0.200	105	0.187	0.200	94	28-151	11	30
Heptachlor Epoxide	8081B	0.227	0.200	114	0.203	0.200	102	57-128	11	30
Methoxychlor	8081B	0.229	0.200	115	0.205	0.200	102	50-142	11	30
alpha-BHC	8081B	0.229	0.200	115	0.217	0.200	109	40-147	5	30
alpha-Chlordane	8081B	0.226	0.200	113	0.200	0.200	100	46-137	12	30
beta-BHC	8081B	0.242	0.200	121	0.233	0.200	117	49-136	4	30
delta-BHC	8081B	0.246	0.200	123	0.223	0.200	112	32-147	10	30
gamma-BHC (Lindane)	8081B	0.234	0.200	117	0.216	0.200	108	44-142	8	30
gamma-Chlordane	8081B	0.229	0.200	115	0.203	0.200	102	46-138	12	30

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613247
Project: Fortino Tire/251592
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 125	Tetrachloro-m-xylene 18 - 126
FT-GW-107	R1613247-001	30	62
FT-GW-107 Dissolved	R1613247-002	35	67
FT-GW-109	R1613247-003	38	74
FT-GW-109 Dissolved	R1613247-004	34	61
FT-GW-110	R1613247-005	38	63
FT-GW-110 Dissolved	R1613247-006	50	60
FT-GW-111	R1613247-007	33	62
FT-GW-112	R1613247-008	35	60
GW-106	R1613247-010	36	58
GW-103	R1613247-011	32	62
GW-103 Dissolved	R1613247-012	34	64
FT-GW-101	R1613247-013	36	63
FT-GW-101 Dissolved	R1613247-014	48	64
FT-GW-104	R1613247-015	27	40
FT-GW-104 Dissolved	R1613247-016	46	71
FT-GW-108	R1613247-017	47	59
FT-GW-105	R1613247-018	22	44
FT-GW-105 Dissolved	R1613247-019	82	73
Method Blank	RQ1615452-01	74	66
Lab Control Sample	RQ1615452-02	73	61
Duplicate Lab Control Sample	RQ1615452-03	71	62
FT-GW-105 MS	RQ1615452-04	57	64
FT-GW-105 DMS	RQ1615452-05	47	71
Method Blank	RQ1615496-01	75	64
Lab Control Sample	RQ1615496-02	80	77
Duplicate Lab Control Sample	RQ1615496-03	76	66
FT-GW-105 Dissolved MS	RQ1615496-04	70	62
FT-GW-105 Dissolved DMS	RQ1615496-05	88	77

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16
		Date Analyzed:	12/28/16
		Date Extracted:	12/21/16

Duplicate Matrix Spike Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	FT-GW-105	**Units:**	ug/L
Lab Code:	R1613247-018	**Basis:**	NA
Analysis Method:	8082A		
Prep Method:	EPA 3510C		

		Matrix Spike RQ1615452-04			**Duplicate Matrix Spike** RQ1615452-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	0.047 U	0.356	0.472	75	0.384	0.472	81	16-127	8	30
Aroclor 1260	0.29 P	0.310	0.472	5 *	0.343	0.472	12 *	19-162	10	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16
		Date Analyzed:	12/29/16
		Date Extracted:	12/22/16

Duplicate Matrix Spike Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	FT-GW-105 Dissolved	**Units:**	ug/L
Lab Code:	R1613247-019	**Basis:**	NA
Analysis Method:	8082A		
Prep Method:	EPA 3510C		

		Matrix Spike			**Duplicate Matrix Spike**					
		RQ1615496-04			RQ1615496-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	0.047 U	0.331	0.472	70	0.396	0.472	84	16-127	18	30
Aroclor 1260	0.047 U	0.335	0.472	71	0.408	0.472	87	19-162	20	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615452-01	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.025	1	12/28/16 16:21	12/21/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/28/16 16:21	12/21/16	
Aroclor 1232	0.050 U	0.050	0.025	1	12/28/16 16:21	12/21/16	
Aroclor 1242	0.050 U	0.050	0.025	1	12/28/16 16:21	12/21/16	
Aroclor 1248	0.050 U	0.050	0.025	1	12/28/16 16:21	12/21/16	
Aroclor 1254	0.050 U	0.050	0.025	1	12/28/16 16:21	12/21/16	
Aroclor 1260	0.050 U	0.050	0.025	1	12/28/16 16:21	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	74	10 - 125	12/28/16 16:21	
Tetrachloro-m-xylene	66	18 - 126	12/28/16 16:21	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1615496-01	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.025	1	12/29/16 11:54	12/22/16	
Aroclor 1221	0.050 U	0.050	0.050	1	12/29/16 11:54	12/22/16	
Aroclor 1232	0.050 U	0.050	0.025	1	12/29/16 11:54	12/22/16	
Aroclor 1242	0.050 U	0.050	0.025	1	12/29/16 11:54	12/22/16	
Aroclor 1248	0.050 U	0.050	0.025	1	12/29/16 11:54	12/22/16	
Aroclor 1254	0.050 U	0.050	0.025	1	12/29/16 11:54	12/22/16	
Aroclor 1260	0.050 U	0.050	0.025	1	12/29/16 11:54	12/22/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	75	10 - 125	12/29/16 11:54	
Tetrachloro-m-xylene	64	18 - 126	12/29/16 11:54	

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/28/16

Duplicate Lab Control Sample Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615452-02			RQ1615452-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	0.342	0.500	68	0.291	0.500	58	40-140	16	30
Aroclor 1260	8082A	0.395	0.500	79	0.353	0.500	71	24-157	11	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/29/16

Duplicate Lab Control Sample Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615496-02			RQ1615496-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	0.364	0.500	73	0.303	0.500	61	40-140	18	30
Aroclor 1260	8082A	0.419	0.500	84	0.391	0.500	78	24-157	7	30

Metals

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METALS

-3-

BLANKS

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Antimony	4.97	U	4.97	U	4.97	U	4.97	U	4.974	U	P
Arsenic	4.93	U	4.93	U	4.93	U	4.93	U	4.934	U	P
Barium	6.50	J	3.30	J	1.26	U	3.50	J	1.263	U	P
Beryllium	0.12	U	0.12	U	0.12	U	0.12	U	0.200	J	P
Cadmium	0.20	J	0.20	U	0.20	U	0.20	U	0.300	J	P
Mercury	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	CV
Calcium	127.80	U	127.80	U	127.80	U	127.80	U	141.700	J	P
Chromium	0.27	U	0.27	U	0.27	U	0.27	U	0.600	J	P
Cobalt	1.14	U	1.14	U	1.14	U	1.14	U	1.141	U	P
Copper	0.62	U	0.62	U	0.62	U	0.62	U	0.619	U	P
Iron	3.93	U	19.20	J	14.10	J	76.80	J	56.600	J	P
Lead	2.08	U	2.08	U	2.08	U	2.08	U	2.084	U	P
Magnesium	8.90	J	4.17	U	31.90	J	18.20	J	132.000	J	P
Manganese	0.57	U	0.57	U	0.57	U	1.60	J	0.567	U	P
Nickel	1.11	U	1.11	U	1.11	U	1.11	U	1.111	U	P
Potassium	43.65	U	43.65	U	43.65	U	43.65	U	43.654	U	P
Silver	0.46	U	0.46	U	0.46	U	0.46	U	0.463	U	P
Sodium	69.17	U	69.17	U	69.17	U	69.17	U	69.170	U	P
Thallium	2.08	U	2.08	U	2.08	U	2.08	U	2.084	U	P
Vanadium	1.00	J	0.91	U	0.91	U	0.91	U	0.909	U	P
Zinc	1.70	U	1.70	U	1.70	U	5.80	J	1.704	U	P

Comments:

METALS

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BLANKS

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Antimony			4.97	U	4.97	U	4.97	U			P
Arsenic			4.93	U	4.93	U	4.93	U			P
Barium			1.26	U	1.60	J	1.26	U			P
Beryllium			0.12	U	0.12	U	0.12	U			P
Cadmium			0.20	U	0.20	U	0.20	U			P
Mercury			0.040	U	0.040	U					CV
Calcium			127.80	U	127.80	U	127.80	U			P
Chromium			0.27	U	0.27	U	0.27	U			P
Cobalt			1.14	U	1.14	U	1.14	U			P
Copper			0.62	U	0.62	U	0.62	U			P
Iron			3.93	U	5.10	J	17.10	J			P
Lead			2.08	U	2.08	U	2.08	U			P
Magnesium			4.17	U	6.00	J	41.90	J			P
Manganese			0.57	U	0.57	U	0.57	U			P
Nickel			1.11	U	1.11	U	1.11	U			P
Potassium			43.65	U	43.65	U	43.65	U			P
Silver			0.46	U	0.46	U	0.46	U			P
Sodium			69.17	U	69.17	U	69.17	U			P
Thallium			2.08	U	2.08	U	-3.10	J			P
Vanadium			0.91	U	0.91	U	0.91	U			P
Zinc			1.70	U	1.70	U	1.70	U			P

Comments:

METALS

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BLANKS

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	9.19	U	17.60	J	9.19	U	9.19	U	9.194	U	P
Iron	3.93	U	7.90	J	10.10	J	3.93	U			P
Manganese	0.57	U	0.57	U	0.57	U	0.57	U			P
Selenium	3.34	U	3.34	U	3.34	U	3.34	U	3.344	U	P
Sodium	69.17	U	69.17	U	69.17	U	69.17	U			P
Zinc	1.70	U	1.70	U	1.70	U	1.70	U			P

Comments:

METALS

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BLANKS

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			9.19	U							P
Iron			3.93	U	4.30	J	3.93	U			P
Manganese			0.57	U	0.60	J	0.57	U			P
Selenium			3.34	U							P
Sodium			69.17	U							P
Zinc			1.70	U	1.70	U	1.70	U			P

Comments:

METALS

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BLANKS

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Iron			3.93	U	3.93	U	24.10	J			P
Manganese			0.57	U	0.57	U	0.57	U			P
Zinc			1.70	U	1.70	U	1.70	U			P

Comments:

ALS Environmental

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-GW-105S

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	2300.00		710.00		2000.0	80		P
Antimony	75 - 125	500.00		4.97	U	500.0	100		P
Arsenic	75 - 125	36.00		4.93	U	40.0	90		P
Barium	75 - 125	1890.00		89.90		2000.0	90		P
Beryllium	75 - 125	45.30		0.12	U	50.0	91		P
Cadmium	75 - 125	47.50		1.90	J	50.0	91		P
Mercury	75 - 125	1.000		0.046	J	1.00	95		CV
Calcium		40000.00		37800.00		2000.0	110		P
Chromium	75 - 125	174.00		1.20	J	200.0	86		P
Cobalt	75 - 125	442.00		1.20	J	500.0	88		P
Copper	75 - 125	239.00		24.80		250.0	86		P
Iron	75 - 125	1800.00		1210.00		1000.0	59	N	P
Lead	75 - 125	455.00		7.30		500.0	90		P
Magnesium	75 - 125	6460.00		4850.00		2000.0	80		P
Manganese	75 - 125	1520.00		1120.00		500.0	80		P
Nickel	75 - 125	455.00		10.50	J	500.0	89		P
Potassium	75 - 125	18400.00		1600.00	J	20000.0	84		P
Selenium	75 - 125	888.00		3.34	U	1010.0	88		P
Silver	75 - 125	43.00		0.46	U	50.0	86		P
Sodium	75 - 125	19100.00		2490.00		20000.0	83		P
Thallium	75 - 125	1670.00		2.08	U	2000.0	84		P
Vanadium	75 - 125	443.00		1.00	J	500.0	88		P
Zinc	75 - 125	770.00		329.00		500.0	88		P

Comments: _____

ALS Environmental

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-GW-105SD

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	2280.00		710.00		2000.0	78		P
Antimony	75 - 125	496.00		4.97	U	500.0	99		P
Arsenic	75 - 125	34.20		4.93	U	40.0	86		P
Barium	75 - 125	1910.00		89.90		2000.0	91		P
Beryllium	75 - 125	45.00		0.12	U	50.0	90		P
Cadmium	75 - 125	47.30		1.90	J	50.0	91		P
Mercury	75 - 125	0.978		0.046	J	1.00	93		CV
Calcium		39900.00		37800.00		2000.0	105		P
Chromium	75 - 125	175.00		1.20	J	200.0	87		P
Cobalt	75 - 125	442.00		1.20	J	500.0	88		P
Copper	75 - 125	241.00		24.80		250.0	86		P
Iron	75 - 125	1770.00		1210.00		1000.0	56	N	P
Lead	75 - 125	453.00		7.30		500.0	89		P
Magnesium	75 - 125	6440.00		4850.00		2000.0	80		P
Manganese	75 - 125	1530.00		1120.00		500.0	82		P
Nickel	75 - 125	456.00		10.50	J	500.0	89		P
Potassium	75 - 125	18400.00		1600.00	J	20000.0	84		P
Selenium	75 - 125	842.00		3.34	U	1010.0	83		P
Silver	75 - 125	42.70		0.46	U	50.0	85		P
Sodium	75 - 125	19100.00		2490.00		20000.0	83		P
Thallium	75 - 125	1660.00		2.08	U	2000.0	83		P
Vanadium	75 - 125	446.00		1.00	J	500.0	89		P
Zinc	75 - 125	764.00		329.00		500.0	87		P

Comments: _____

ALS Environmental

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-GW-105 DissolvedS

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	1810.00		132.00		2000.0	84		P
Antimony	75 - 125	482.00		4.97	U	500.0	96		P
Arsenic	75 - 125	37.30		4.93	U	40.0	93		P
Barium	75 - 125	1870.00		63.00		2000.0	90		P
Beryllium	75 - 125	44.40		0.12	U	50.0	89		P
Cadmium	75 - 125	46.80		2.00	J	50.0	90		P
Mercury	75 - 125	0.946		0.040	U	1.00	95		CV
Calcium		40900.00		38200.00		2000.0	135		P
Chromium	75 - 125	173.00		0.27	U	200.0	86		P
Cobalt	75 - 125	441.00		1.40	J	500.0	88		P
Copper	75 - 125	232.00		17.70	J	250.0	86		P
Iron	75 - 125	1070.00		228.00		1000.0	84		P
Lead	75 - 125	447.00		2.08	U	500.0	89		P
Magnesium	75 - 125	6200.00		4490.00		2000.0	86		P
Manganese	75 - 125	1480.00		1050.00		500.0	86		P
Nickel	75 - 125	454.00		12.50	J	500.0	88		P
Potassium	75 - 125	17800.00		1230.00	J	20000.0	83		P
Selenium	75 - 125	838.00		3.34	U	1010.0	83		P
Silver	75 - 125	42.40		0.46	U	50.0	85		P
Sodium	75 - 125	18700.00		2090.00		20000.0	83		P
Thallium	75 - 125	1640.00		2.08	U	2000.0	82		P
Vanadium	75 - 125	439.00		0.91	U	500.0	88		P
Zinc	75 - 125	712.00		270.00		500.0	88		P

Comments: _____

ALS Environmental

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-GW-105 DissolvedSD

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	1750.00		132.00		2000.0	81		P
Antimony	75 - 125	489.00		4.97	U	500.0	98		P
Arsenic	75 - 125	34.00		4.93	U	40.0	85		P
Barium	75 - 125	1860.00		63.00		2000.0	90		P
Beryllium	75 - 125	44.20		0.12	U	50.0	88		P
Cadmium	75 - 125	46.70		2.00	J	50.0	89		P
Mercury	75 - 125	0.923		0.040	U	1.00	92		CV
Calcium		41600.00		38200.00		2000.0	170		P
Chromium	75 - 125	172.00		0.27	U	200.0	86		P
Cobalt	75 - 125	440.00		1.40	J	500.0	88		P
Copper	75 - 125	232.00		17.70	J	250.0	86		P
Iron	75 - 125	1070.00		228.00		1000.0	84		P
Lead	75 - 125	444.00		2.08	U	500.0	89		P
Magnesium	75 - 125	6270.00		4490.00		2000.0	89		P
Manganese	75 - 125	1500.00		1050.00		500.0	90		P
Nickel	75 - 125	454.00		12.50	J	500.0	88		P
Potassium	75 - 125	17800.00		1230.00	J	20000.0	83		P
Selenium	75 - 125	815.00		3.34	U	1010.0	81		P
Silver	75 - 125	42.30		0.46	U	50.0	85		P
Sodium	75 - 125	18700.00		2090.00		20000.0	83		P
Thallium	75 - 125	1640.00		2.08	U	2000.0	82		P
Vanadium	75 - 125	437.00		0.91	U	500.0	87		P
Zinc	75 - 125	719.00		270.00		500.0	90		P

Comments: _____

METALS
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DUPLICATES

SAMPLE NO.: FT-GW-105SD

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		2300.00		2280.00		0.9		P
Antimony		500.00		496.00		0.8		P
Arsenic		36.00		34.20		5.1		P
Barium		1890.00		1910.00		1.1		P
Beryllium		45.30		45.00		0.7		P
Cadmium		47.50	J	47.30		0.4		P
Mercury		1.000		0.978		2		CV
Calcium		40000.00		39900.00		0.3		P
Chromium		174.00	J	175.00		0.6		P
Cobalt		442.00	J	442.00		0.0		P
Copper		239.00		241.00		0.8		P
Iron		1800.00		1770.00		1.7		P
Lead		455.00		453.00		0.4		P
Magnesium		6460.00		6440.00		0.3		P
Manganese		1520.00		1530.00		0.7		P
Nickel		455.00	J	456.00		0.2		P
Potassium		18400.00	J	18400.00		0.0		P
Selenium		888.00		842.00		5.3		P
Silver		43.00		42.70		0.7		P
Sodium		19100.00		19100.00		0.0		P
Thallium		1670.00		1660.00		0.6		P
Vanadium		443.00	J	446.00		0.7		P
Zinc		770.00		764.00		0.8		P

Comments: _____

ALS Environmental

METALS
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DUPLICATES

SAMPLE NO.

FT-GW-105 DissolvedSD

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		1810.00		1750.00		3.4		P
Antimony		482.00		489.00		1.4		P
Arsenic		37.30		34.00		9.3		P
Barium		1870.00		1860.00		0.5		P
Beryllium		44.40		44.20		0.5		P
Cadmium		46.80	J	46.70		0.2		P
Mercury		0.946		0.923		2		CV
Calcium		40900.00		41600.00		1.7		P
Chromium		173.00		172.00		0.6		P
Cobalt		441.00	J	440.00		0.2		P
Copper		232.00	J	232.00		0.0		P
Iron		1070.00		1070.00		0.0		P
Lead		447.00		444.00		0.7		P
Magnesium		6200.00		6270.00		1.1		P
Manganese		1480.00		1500.00		1.3		P
Nickel		454.00	J	454.00		0.0		P
Potassium		17800.00	J	17800.00		0.0		P
Selenium		838.00		815.00		2.8		P
Silver		42.40		42.30		0.2		P
Sodium		18700.00		18700.00		0.0		P
Thallium		1640.00		1640.00		0.0		P
Vanadium		439.00		437.00		0.5		P
Zinc		712.00		719.00		1.0		P

Comments:

METALS

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LABORATORY CONTROL SAMPLE

Contract: R1613247

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-GW-107

Solid LCS Source: _____

Aqueous LCS Source: CPI

Analyte	Aqueous (ug/L			Solid (mg/K				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	2000	1660	83					
Antimony	500	490	98					
Arsenic	40	37	92					
Barium	2000	1880	94					
Beryllium	50	46	92					
Cadmium	50	47	94					
Mercury	1.000	0.956	96					
Calcium	2000	1670	84					
Chromium	200	179	90					
Cobalt	500	457	91					
Copper	250	220	88					
Iron	1000	893	89					
Lead	500	466	93					
Magnesium	2000	1790	90					
Manganese	500	448	90					
Nickel	500	461	92					
Potassium	20000	16700	84					
Selenium	1010	832	82					
Silver	50	44	88					
Sodium	20000	16800	84					
Thallium	2000	1660	83					
Vanadium	500	450	90					
Zinc	500	459	92					

Comments: _____

General Chemistry

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R1613247-MB1		

Inorganic Parameters

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010	U	mg/L	0.010	0.002	1	12/29/16 13:37	12/27/16	
Cyanide, Total	9012B	0.010	U	mg/L	0.010	0.002	1	12/29/16 14:36	12/27/16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R1613247-MB2		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	12/29/16 13:57	12/27/16	
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	12/29/16 14:49	12/27/16	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16
		Date Analyzed:	12/29/16
		Date Extracted:	12/27/16

Duplicate Matrix Spike Summary
Cyanide, Total

Sample Name:	FT-GW-105	**Units:**	mg/L
Lab Code:	R1613247-018	**Basis:**	NA
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike			Duplicate Matrix Spike					
		R1613247-018MS			R1613247-018DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Total	0.010 U	0.100	0.100	100	0.102	0.100	102	77-119	1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613247
Project:	Fortino Tire/251592	**Date Collected:**	12/20/16
Sample Matrix:	Water	**Date Received:**	12/21/16
		Date Analyzed:	12/29/16
		Date Extracted:	12/27/16

Duplicate Matrix Spike Summary
Cyanide, Dissolved

Sample Name:	FT-GW-105 Dissolved	**Units:**	mg/L
Lab Code:	R1613247-019	**Basis:**	NA
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike R1613247-019MS			**Duplicate Matrix Spike** R1613247-019DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Dissolved	0.010 U	0.10	0.100	100	0.098	0.100	98	77-119	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/29/16

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/L
Basis:NA

Lab Control Sample
R1613247-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Dissolved	9012B	0.101	0.100	101	85-115
Cyanide, Total	9012B	0.103	0.100	103	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/29/16

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/L
Basis:NA

Lab Control Sample
R1613247-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Dissolved	9012B	0.385	0.400	96	85-115
Cyanide, Total	9012B	0.403	0.400	101	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/29/16

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/L
Basis:NA

Lab Control Sample
R1613247-LCS3

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Dissolved	9012B	0.103	0.100	103	85-115
Cyanide, Total	9012B	0.103	0.100	103	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Water

Service Request: R1613247
Date Analyzed: 12/29/16

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/L
Basis:NA

Lab Control Sample
R1613247-LCS4

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Dissolved	9012B	0.395	0.400	99	85-115
Cyanide, Total	9012B	0.394	0.400	99	85-115

February 16, 2017 Service Request No:R1613284

Mr. Marc Flanagan
TRC Environmental Corporation
10 Maxwell Drive
Suite 200
Clifton Park, NY 12065

Laboratory Results for: Fortino Tire

Dear Mr.Flanagan,

Enclosed are the results of the sample(s) submitted to our laboratory December 19, 2016
For your reference, these analyses have been assigned our service request number **R1613284.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental



Janice Jaeger
Project Manager

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ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

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1565 Jefferson Rd, Building 300, Rochester, NY 14623 | 585-288-5380 | www.alsglobal.com

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request:R1613284
Date Received:12/19/16

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier IV, validation deliverables including all summary forms and associated raw data. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Any parameters that are not included in the lab's NELAC accreditation are identified on a "Non-Certified Analytes" report in the Miscellaneous Forms Section of this report. Individual analytical results requiring further explanation are flagged with qualifiers and/or discussed below. The flags are explained in the Report Qualifiers and Definitions page in the Miscellaneous Forms section of this report.

Sample Receipt

Eight soil samples were received for analysis at ALS Environmental on 12/19/2016. Any discrepancies noted upon initial sample inspection are noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at ≤6°C upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Due to an error by field personnel, the 5035/8260 bottles were not returned to the lab within 48 hours to be frozen. The samples were frozen upon receipt in the laboratory.

Volatile Organic Analyses:

Method 8260c, 12/20/16, R1613284-002,004,005,006,007: The recovery of one or more internal standards was outside control limits because of suspected matrix interference. The sample was re-extracted and reanalyzed, but produced similar results. No further corrective action was appropriate.

Method 8260c, R1613284-002,004,006,007: The control limits were exceeded for one or more surrogates due to matrix interferences. A re-extraction and reanalysis was performed, but produced similar results. No further corrective action was required.

Method 8260c, 12/28/16: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260c, 12/28/16: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260c, 12/28/16: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Method 826c, 12/22/16: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Approved by _____ Date 2/16/2017

Method 8260c, 12/22/16: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Semi-Volatile Organic Analyses:

Method 8270D, 12/29/16: The upper control limit was exceeded for 4-Nitrophenol in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8270D, 12/22/16: The lower control limit for the spike recovery of the Laboratory Control Sample Duplicate (LCSD) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The Laboratory Control Sample (LCS) was within limits for all analytes. Several analytes exceeded limits for relative percent difference (RPD). The analytes affected are flagged in the LCS Summary.

Method 8270D, R1613284-001, -002, -004, -006, & -007: The control limits for one or more surrogates in the sample are not applicable. The analysis of the sample required a dilution, which resulted in a surrogate concentration below the Method Reporting Limit (MRL). No further corrective action was appropriate.

Method 8082, R1613284-001,002,004,006,007#: The control limits for one or more surrogates in the sample are not applicable. The analysis of the sample required a dilution, which resulted in a surrogate concentration below the Method Reporting Limit (MRL). No further corrective action was appropriate.

Metals Analyses:

Method 6010C FE, 01/05/17: The Method Blank contained a low level of one or more analytes at concentrations above the Method Reporting Limit (MRL), but less than ten times the concentration in the associated samples. Contamination is deemed insignificant relative to the reported samples and the data is reported with no further corrective action required.

Method 6010C TL, ICSAB: The upper control limit was exceeded for one or more analytes in the Interference Calibration Standard AB (ICSAB). The field samples analyzed in this sequence did not contain the analyte(s) in question. Since the exceedance equates to a potential high bias, the data quality is not affected. No further corrective action was required

Method R1613284-002: The Method Reporting Limit (MRL) was elevated due to matrix of sample.

Method 6010C, R1613284-007: The Relative Percent Difference (RPD) for the serial dilution test of one or more analytes was above the method control limits which indicates the presence of physical or chemical interference for analysis of these analytes in this sample matrix. Exceedances have been flagged.

General Chemistry Analyses:

No significant anomalies were noted with this analysis.

Approved by  Date 2/16/2017

SAMPLE DETECTION SUMMARY

CLIENT ID: 106-14	Lab ID: R1613284-001					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Cyanide, Total	0.074	J	0.015	0.098	mg/Kg	9012B
Total Solids	84.2				Percent	ALS SOP
Aluminum, Total	4920		10	12	mg/Kg	6010C
Antimony, Total	21.2		0.5	6.9	mg/Kg	6010C
Arsenic, Total	8.3		0.3	1.2	mg/Kg	6010C
Barium, Total	720		0.2	2.3	mg/Kg	6010C
Beryllium, Total	0.13	J	0.02	0.35	mg/Kg	6010C
Cadmium, Total	27.6		0.04	0.58	mg/Kg	6010C
Calcium, Total	6080		20	120	mg/Kg	6010C
Chromium, Total	61.9		0.2	1.2	mg/Kg	6010C
Cobalt, Total	22.3		0.06	5.8	mg/Kg	6010C
Copper, Total	771		4	46	mg/Kg	6010C
Iron, Total	64800		20	230	mg/Kg	6010C
Lead, Total	1420		7	120	mg/Kg	6010C
Magnesium, Total	3000		2	120	mg/Kg	6010C
Manganese, Total	331		0.09	1.2	mg/Kg	6010C
Mercury, Total	1.20		0.004	0.039	mg/Kg	7471B
Nickel, Total	63.2		0.2	4.7	mg/Kg	6010C
Potassium, Total	410		6	230	mg/Kg	6010C
Selenium, Total	1.9		0.7	1.2	mg/Kg	6010C
Silver, Total	1.2	J	0.6	1.2	mg/Kg	6010C
Sodium, Total	890	B	20	120	mg/Kg	6010C
Vanadium, Total	18.1	B	0.2	5.8	mg/Kg	6010C
Zinc, Total	3290		4	46	mg/Kg	6010C
1,2-Dichlorobenzene	0.70	J	0.48	3.9	ug/Kg	8260C
1,3-Dichlorobenzene	0.50	J	0.50	3.9	ug/Kg	8260C
1,4-Dichlorobenzene	1.9	J	0.44	3.9	ug/Kg	8260C
2-Butanone (MEK)	12		1.8	3.9	ug/Kg	8260C
Acetone	88		2.3	3.9	ug/Kg	8260C
Benzene	4.7		0.23	3.9	ug/Kg	8260C
Carbon Disulfide	1.3	J	0.98	3.9	ug/Kg	8260C
Chlorobenzene	0.91	J	0.23	3.9	ug/Kg	8260C
Dichloromethane	2.5	J	0.45	3.9	ug/Kg	8260C
Ethylbenzene	4.3		0.19	3.9	ug/Kg	8260C
Isopropylbenzene (Cumene)	7.9		0.53	3.9	ug/Kg	8260C
Methyl Acetate	2.4	J	1.4	3.9	ug/Kg	8260C
Methyl tert-Butyl Ether	1.8	J	0.74	3.9	ug/Kg	8260C
Styrene	0.56	J	0.24	3.9	ug/Kg	8260C
Toluene	1.4	J	0.79	3.9	ug/Kg	8260C
m,p-Xylenes	40		0.86	7.8	ug/Kg	8260C
o-Xylene	7.3		0.38	3.9	ug/Kg	8260C

SAMPLE DETECTION SUMMARY

CLIENT ID: 106-14	Lab ID: R1613284-001					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Bis(2-ethylhexyl) Phthalate	330000		5800	39000	ug/Kg	8270D
Butyl Benzyl Phthalate	12000	J	7700	39000	ug/Kg	8270D
Di-n-octyl Phthalate	62000		7400	39000	ug/Kg	8270D
Aroclor 1242	87000		11000	20000	ug/Kg	8082A
Aroclor 1254	42000		12000	20000	ug/Kg	8082A
Aroclor 1242	99000		11000	20000	ug/Kg	8082A
Aroclor 1254	45000		12000	20000	ug/Kg	8082A
Aroclor 1260	14000	J	11000	20000	ug/Kg	8082A

CLIENT ID: 106-8	Lab ID: R1613284-002					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Cyanide, Total	0.14		0.02	0.11	mg/Kg	9012B
Total Solids	80.1				Percent	ALS SOP
Aluminum, Total	10900		10	12	mg/Kg	6010C
Antimony, Total	39.4		0.5	7.4	mg/Kg	6010C
Arsenic, Total	28.0		0.3	1.2	mg/Kg	6010C
Barium, Total	1760		0.2	2.5	mg/Kg	6010C
Beryllium, Total	0.25	J	0.03	0.37	mg/Kg	6010C
Cadmium, Total	111		0.04	0.62	mg/Kg	6010C
Calcium, Total	30000		20	120	mg/Kg	6010C
Chromium, Total	213		0.2	1.2	mg/Kg	6010C
Cobalt, Total	1930		3	250	mg/Kg	6010C
Copper, Total	1780		8	99	mg/Kg	6010C
Iron, Total	230000		50	490	mg/Kg	6010C
Lead, Total	3600		20	250	mg/Kg	6010C
Magnesium, Total	8910		2	120	mg/Kg	6010C
Manganese, Total	1770		4	49	mg/Kg	6010C
Mercury, Total	7.07		0.04	0.41	mg/Kg	7471B
Potassium, Total	530		6	250	mg/Kg	6010C
Selenium, Total	6.8		0.8	1.2	mg/Kg	6010C
Silver, Total	10.4		0.6	1.2	mg/Kg	6010C
Sodium, Total	1920		20	120	mg/Kg	6010C
Vanadium, Total	25.2		0.2	6.2	mg/Kg	6010C
Zinc, Total	12700		7	99	mg/Kg	6010C
1,2,4-Trichlorobenzene	350	J	56	470	ug/Kg	8260C
4-Methyl-2-pentanone	830		92	470	ug/Kg	8260C
Acetone	790		270	470	ug/Kg	8260C
Benzene	130	J	28	470	ug/Kg	8260C
Chlorobenzene	46	J	28	470	ug/Kg	8260C
Chloromethane	47	BJ	38	470	ug/Kg	8260C
Ethylbenzene	2900		22	470	ug/Kg	8260C
Isopropylbenzene (Cumene)	480		63	470	ug/Kg	8260C

SAMPLE DETECTION SUMMARY

CLIENT ID: 106-8	Lab ID: R1613284-002					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Methyl Acetate	170	J	170	470	ug/Kg	8260C
Styrene	720		29	470	ug/Kg	8260C
Toluene	1700		94	470	ug/Kg	8260C
m,p-Xylenes	3900		110	940	ug/Kg	8260C
o-Xylene	2100		45	470	ug/Kg	8260C
Bis(2-ethylhexyl) Phthalate	1400000		16000	100000	ug/Kg	8270D
Butyl Benzyl Phthalate	77000	J	21000	100000	ug/Kg	8270D
Di-n-octyl Phthalate	360000		20000	100000	ug/Kg	8270D
Aroclor 1242	320000		22000	41000	ug/Kg	8082A
Aroclor 1254	260000		24000	41000	ug/Kg	8082A
Aroclor 1260	40000	J	22000	41000	ug/Kg	8082A
Aroclor 1242	410000		22000	41000	ug/Kg	8082A
Aroclor 1254	260000		24000	41000	ug/Kg	8082A
Aroclor 1260	71000		22000	41000	ug/Kg	8082A

CLIENT ID: 106-18	Lab ID: R1613284-003					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Total Solids	87.6				Percent	ALS SOP
Aluminum, Total	1890		9	11	mg/Kg	6010C
Arsenic, Total	0.5	J	0.3	1.1	mg/Kg	6010C
Barium, Total	7.9		0.2	2.2	mg/Kg	6010C
Beryllium, Total	0.06	J	0.02	0.34	mg/Kg	6010C
Calcium, Total	320		20	110	mg/Kg	6010C
Chromium, Total	2.5	B	0.2	1.1	mg/Kg	6010C
Cobalt, Total	1.6	BJ	0.06	5.6	mg/Kg	6010C
Copper, Total	2.3		0.2	2.2	mg/Kg	6010C
Iron, Total	3810		1.0	11	mg/Kg	6010C
Lead, Total	0.5	J	0.4	5.6	mg/Kg	6010C
Magnesium, Total	690		2	110	mg/Kg	6010C
Manganese, Total	28.8		0.08	1.1	mg/Kg	6010C
Nickel, Total	3.6	J	0.2	4.5	mg/Kg	6010C
Potassium, Total	260		6	220	mg/Kg	6010C
Sodium, Total	60	BJ	20	110	mg/Kg	6010C
Vanadium, Total	3.8	BJ	0.2	5.6	mg/Kg	6010C
Zinc, Total	6.9	B	0.2	2.2	mg/Kg	6010C
2-Butanone (MEK)	4.3	J	2.1	4.4	ug/Kg	8260C
Acetone	33		2.5	4.4	ug/Kg	8260C
Ethylbenzene	0.21	J	0.21	4.4	ug/Kg	8260C
Methyl Acetate	1.6	J	1.6	4.4	ug/Kg	8260C
Bis(2-ethylhexyl) Phthalate	290	J	56	380	ug/Kg	8270D
Di-n-octyl Phthalate	130	J	72	380	ug/Kg	8270D
Aroclor 1242	45		20	38	ug/Kg	8082A

SAMPLE DETECTION SUMMARY

CLIENT ID: 106-18	Lab ID: R1613284-003					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Aroclor 1254	32	J	22	38	ug/Kg	8082A
Aroclor 1242	56		20	38	ug/Kg	8082A
Aroclor 1254	36	J	22	38	ug/Kg	8082A

CLIENT ID: 107-12	Lab ID: R1613284-004					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Cyanide, Total	0.12		0.02	0.11	mg/Kg	9012B
Total Solids	77.3				Percent	ALS SOP
Aluminum, Total	7730		10	12	mg/Kg	6010C
Antimony, Total	43.8		0.5	7.5	mg/Kg	6010C
Arsenic, Total	19.2		0.3	1.2	mg/Kg	6010C
Barium, Total	1980		0.2	2.5	mg/Kg	6010C
Beryllium, Total	0.19	J	0.03	0.37	mg/Kg	6010C
Cadmium, Total	48.7		0.04	0.62	mg/Kg	6010C
Calcium, Total	17500		20	130	mg/Kg	6010C
Chromium, Total	221		0.2	1.2	mg/Kg	6010C
Cobalt, Total	31.7		0.07	6.2	mg/Kg	6010C
Copper, Total	1330		8	100	mg/Kg	6010C
Iron, Total	192000		50	500	mg/Kg	6010C
Lead, Total	3490		20	250	mg/Kg	6010C
Magnesium, Total	6760		2	120	mg/Kg	6010C
Manganese, Total	960		0.09	1.2	mg/Kg	6010C
Mercury, Total	2.74		0.04	0.41	mg/Kg	7471B
Nickel, Total	170		0.2	5.1	mg/Kg	6010C
Potassium, Total	570		6	250	mg/Kg	6010C
Selenium, Total	3.8		0.8	1.2	mg/Kg	6010C
Silver, Total	4.5		0.6	1.2	mg/Kg	6010C
Sodium, Total	1600		20	120	mg/Kg	6010C
Vanadium, Total	19.6		0.2	6.2	mg/Kg	6010C
Zinc, Total	10700		7	100	mg/Kg	6010C
4-Methyl-2-pentanone	120	J	110	510	ug/Kg	8260C
Benzene	99	J	30	510	ug/Kg	8260C
Chloromethane	76	BJ	41	510	ug/Kg	8260C
Ethylbenzene	690		24	510	ug/Kg	8260C
Isopropylbenzene (Cumene)	77	J	69	510	ug/Kg	8260C
Methyl Acetate	270	J	180	510	ug/Kg	8260C
Styrene	76	J	31	510	ug/Kg	8260C
Toluene	740		110	510	ug/Kg	8260C
Trichlorofluoromethane (CFC 11)	140	J	68	510	ug/Kg	8260C
m,p-Xylenes	260	J	120	1000	ug/Kg	8260C
o-Xylene	160	J	50	510	ug/Kg	8260C
Bis(2-ethylhexyl) Phthalate	180000		3200	21000	ug/Kg	8270D

SAMPLE DETECTION SUMMARY

CLIENT ID: 107-12	Lab ID: R1613284-004					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Butyl Benzyl Phthalate	14000	J	4200	21000	ug/Kg	8270D
Di-n-octyl Phthalate	23000		4100	21000	ug/Kg	8270D
Aroclor 1248	3800		440	850	ug/Kg	8082A
Aroclor 1254	4700		500	850	ug/Kg	8082A
Aroclor 1260	1100		440	850	ug/Kg	8082A
Aroclor 1248	3900		440	850	ug/Kg	8082A
Aroclor 1254	4900		500	850	ug/Kg	8082A
Aroclor 1260	1700		440	850	ug/Kg	8082A

CLIENT ID: 107-16	Lab ID: R1613284-005					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Cyanide, Total	0.08	J	0.02	0.12	mg/Kg	9012B
Total Solids	76.0				Percent	ALS SOP
Aluminum, Total	6930		10	13	mg/Kg	6010C
Antimony, Total	19.1		0.5	7.5	mg/Kg	6010C
Arsenic, Total	8.2		0.3	1.3	mg/Kg	6010C
Barium, Total	488		0.2	2.5	mg/Kg	6010C
Beryllium, Total	0.20	J	0.03	0.38	mg/Kg	6010C
Cadmium, Total	12.3		0.04	0.63	mg/Kg	6010C
Calcium, Total	11700		20	130	mg/Kg	6010C
Chromium, Total	42.1		0.2	1.3	mg/Kg	6010C
Cobalt, Total	29.1		0.07	6.3	mg/Kg	6010C
Copper, Total	5510		4	50	mg/Kg	6010C
Iron, Total	55500		30	250	mg/Kg	6010C
Lead, Total	2920		7	130	mg/Kg	6010C
Magnesium, Total	3270		2	130	mg/Kg	6010C
Manganese, Total	286		0.09	1.3	mg/Kg	6010C
Mercury, Total	2.68		0.04	0.41	mg/Kg	7471B
Nickel, Total	63.8		0.2	5.2	mg/Kg	6010C
Potassium, Total	610		6	250	mg/Kg	6010C
Selenium, Total	1.1	J	0.8	1.3	mg/Kg	6010C
Silver, Total	1.2	J	0.6	1.3	mg/Kg	6010C
Sodium, Total	710	B	20	130	mg/Kg	6010C
Vanadium, Total	12.4	B	0.2	6.3	mg/Kg	6010C
Zinc, Total	1790		4	50	mg/Kg	6010C
2-Butanone (MEK)	24		2.5	5.3	ug/Kg	8260C
4-Methyl-2-pentanone	2.4	J	1.1	5.3	ug/Kg	8260C
Acetone	310	E	3.0	5.3	ug/Kg	8260C
Benzene	4.3	J	0.31	5.3	ug/Kg	8260C
Ethylbenzene	14		0.25	5.3	ug/Kg	8260C
Isopropylbenzene (Cumene)	2.9	J	0.71	5.3	ug/Kg	8260C
Methyl Acetate	6.8		1.9	5.3	ug/Kg	8260C

SAMPLE DETECTION SUMMARY

CLIENT ID: 107-16			Lab ID: R1613284-005			
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Methyl tert-Butyl Ether	2.6	J	0.99	5.3	ug/Kg	8260C
Styrene	0.74	J	0.32	5.3	ug/Kg	8260C
Toluene	49		1.1	5.3	ug/Kg	8260C
m,p-Xylenes	6.4	J	1.2	11	ug/Kg	8260C
o-Xylene	4.5	J	0.51	5.3	ug/Kg	8260C
Chloromethane	55	BDJ	39	490	ug/Kg	8260C
Methyl Acetate	310	DJ	180	490	ug/Kg	8260C
Toluene	120	DJ	98	490	ug/Kg	8260C
Bis(2-ethylhexyl) Phthalate	48000		640	4300	ug/Kg	8270D
Butyl Benzyl Phthalate	1600	J	850	4300	ug/Kg	8270D
Di-n-octyl Phthalate	7100		820	4300	ug/Kg	8270D
Aroclor 1242	2200		230	430	ug/Kg	8082A
Aroclor 1254	1200		250	430	ug/Kg	8082A
Aroclor 1260	340	J	230	430	ug/Kg	8082A
Aroclor 1242	2600		230	430	ug/Kg	8082A
Aroclor 1260	460		230	430	ug/Kg	8082A
Aroclor 1254	1200		250	430	ug/Kg	8082A

CLIENT ID: 107-2			Lab ID: R1613284-006			
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Cyanide, Total	0.11	J	0.02	0.13	mg/Kg	9012B
Total Solids	74.5				Percent	ALS SOP
Aluminum, Total	6680		11	13	mg/Kg	6010C
Antimony, Total	61.0		0.6	8.1	mg/Kg	6010C
Arsenic, Total	24.6		0.4	1.3	mg/Kg	6010C
Barium, Total	2050		0.2	2.7	mg/Kg	6010C
Beryllium, Total	0.24	J	0.03	0.40	mg/Kg	6010C
Cadmium, Total	76.6		0.05	0.67	mg/Kg	6010C
Calcium, Total	35700		200	1300	mg/Kg	6010C
Chromium, Total	197		0.2	1.3	mg/Kg	6010C
Cobalt, Total	48.7		0.07	6.7	mg/Kg	6010C
Copper, Total	3860		8	110	mg/Kg	6010C
Iron, Total	214000		50	540	mg/Kg	6010C
Lead, Total	5850		20	270	mg/Kg	6010C
Magnesium, Total	9760		2	130	mg/Kg	6010C
Manganese, Total	1160		0.10	1.3	mg/Kg	6010C
Mercury, Total	13.7		0.04	0.42	mg/Kg	7471B
Nickel, Total	281		0.2	5.1	mg/Kg	6010C
Potassium, Total	400		7	270	mg/Kg	6010C
Selenium, Total	5.0		0.8	1.3	mg/Kg	6010C
Silver, Total	6.6		0.6	1.3	mg/Kg	6010C
Sodium, Total	390	B	20	130	mg/Kg	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: 107-2	Lab ID: R1613284-006					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Vanadium, Total	21.6		0.2	6.7	mg/Kg	6010C
Zinc, Total	11000		8	110	mg/Kg	6010C
1,3-Dichlorobenzene	100	J	73	580	ug/Kg	8260C
1,4-Dichlorobenzene	320	J	65	580	ug/Kg	8260C
4-Methyl-2-pentanone	240	J	120	580	ug/Kg	8260C
Acetone	440	J	330	580	ug/Kg	8260C
Benzene	62	J	34	580	ug/Kg	8260C
Chlorobenzene	40	J	34	580	ug/Kg	8260C
Chloromethane	50	BJ	47	580	ug/Kg	8260C
Ethylbenzene	3900		27	580	ug/Kg	8260C
Isopropylbenzene (Cumene)	680		78	580	ug/Kg	8260C
Methyl Acetate	460	J	210	580	ug/Kg	8260C
Styrene	220	J	35	580	ug/Kg	8260C
Toluene	190	J	120	580	ug/Kg	8260C
Trichlorofluoromethane (CFC 11)	270	J	77	580	ug/Kg	8260C
m,p-Xylenes	2000		130	1200	ug/Kg	8260C
o-Xylene	2300		56	580	ug/Kg	8260C
Bis(2-ethylhexyl) Phthalate	1700000		17000	110000	ug/Kg	8270D
Butyl Benzyl Phthalate	25000	J	22000	110000	ug/Kg	8270D
Di-n-octyl Phthalate	340000		21000	110000	ug/Kg	8270D
Aroclor 1242	44000		4600	8900	ug/Kg	8082A
Aroclor 1254	29000		5100	8900	ug/Kg	8082A
Aroclor 1260	6600	J	4600	8900	ug/Kg	8082A
Aroclor 1242	50000		4600	8900	ug/Kg	8082A
Aroclor 1254	31000		5100	8900	ug/Kg	8082A
Aroclor 1260	10000		4600	8900	ug/Kg	8082A

CLIENT ID: 107-8	Lab ID: R1613284-007					
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Cyanide, Total	0.05	J	0.02	0.12	mg/Kg	9012B
Total Solids	67.5				Percent	ALS SOP
Aluminum, Total	5590		12	14	mg/Kg	6010C
Antimony, Total	202		0.6	8.5	mg/Kg	6010C
Arsenic, Total	21.9		0.4	1.4	mg/Kg	6010C
Barium, Total	1420		0.2	2.8	mg/Kg	6010C
Beryllium, Total	0.19	J	0.03	0.43	mg/Kg	6010C
Cadmium, Total	41.9		0.05	0.71	mg/Kg	6010C
Calcium, Total	83000		800	5700	mg/Kg	6010C
Chromium, Total	119		0.2	1.4	mg/Kg	6010C
Cobalt, Total	25.7		0.08	7.1	mg/Kg	6010C
Copper, Total	775		5	57	mg/Kg	6010C
Iron, Total	163000		200	1400	mg/Kg	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: 107-8			Lab ID: R1613284-007			
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Lead, Total	2320		8	140	mg/Kg	6010C
Magnesium, Total	9120		3	140	mg/Kg	6010C
Manganese, Total	747		0.2	1.4	mg/Kg	6010C
Mercury, Total	2.41		0.005	0.049	mg/Kg	7471B
Nickel, Total	278		0.2	5.7	mg/Kg	6010C
Potassium, Total	370		7	280	mg/Kg	6010C
Selenium, Total	2.3		0.9	1.4	mg/Kg	6010C
Silver, Total	3.1		0.7	1.4	mg/Kg	6010C
Sodium, Total	310	B	20	140	mg/Kg	6010C
Vanadium, Total	15.7	B	0.2	7.1	mg/Kg	6010C
Zinc, Total	6590		4	57	mg/Kg	6010C
1,4-Dichlorobenzene	120	J	62	550	ug/Kg	8260C
2-Butanone (MEK)	270	J	260	550	ug/Kg	8260C
4-Methyl-2-pentanone	180	J	110	550	ug/Kg	8260C
Benzene	110	J	33	550	ug/Kg	8260C
Chlorobenzene	36	J	33	550	ug/Kg	8260C
Chloromethane	60	BJ	45	550	ug/Kg	8260C
Ethylbenzene	2600		26	550	ug/Kg	8260C
Isopropylbenzene (Cumene)	580		74	550	ug/Kg	8260C
Methyl Acetate	230	J	200	550	ug/Kg	8260C
Styrene	870		34	550	ug/Kg	8260C
Toluene	370	J	120	550	ug/Kg	8260C
m,p-Xylenes	2000		130	1100	ug/Kg	8260C
o-Xylene	1700		53	550	ug/Kg	8260C
Bis(2-ethylhexyl) Phthalate	450000		7200	49000	ug/Kg	8270D
Butyl Benzyl Phthalate	10000	J	9600	49000	ug/Kg	8270D
Di-n-octyl Phthalate	93000		9300	49000	ug/Kg	8270D
Aroclor 1242	78000		13000	24000	ug/Kg	8082A
Aroclor 1254	43000		15000	24000	ug/Kg	8082A
Aroclor 1242	90000		13000	24000	ug/Kg	8082A
Aroclor 1254	43000		15000	24000	ug/Kg	8082A
Aroclor 1260	14000	J	13000	24000	ug/Kg	8082A

CLIENT ID: 107-19			Lab ID: R1613284-008			
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Total Solids	84.8				Percent	ALS SOP
Aluminum, Total	1560		10	11	mg/Kg	6010C
Arsenic, Total	0.9	J	0.3	1.1	mg/Kg	6010C
Barium, Total	4.8		0.2	2.3	mg/Kg	6010C
Beryllium, Total	0.05	J	0.02	0.34	mg/Kg	6010C
Calcium, Total	150		20	120	mg/Kg	6010C
Chromium, Total	2.5	B	0.2	1.1	mg/Kg	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: 107-19			Lab ID: R1613284-008			
Analyte	**Results**	**Flag**	**MDL**	**PQL**	**Units**	**Method**
Cobalt, Total	3.0	BJ	0.06	5.7	mg/Kg	6010C
Copper, Total	2.6		0.2	2.3	mg/Kg	6010C
Iron, Total	3530		1.0	11	mg/Kg	6010C
Lead, Total	1.1	J	0.4	5.7	mg/Kg	6010C
Magnesium, Total	580		2	110	mg/Kg	6010C
Manganese, Total	34.4		0.09	1.1	mg/Kg	6010C
Mercury, Total	0.007	BJ	0.004	0.037	mg/Kg	7471B
Nickel, Total	3.1	J	0.2	4.7	mg/Kg	6010C
Potassium, Total	240		6	230	mg/Kg	6010C
Sodium, Total	120	B	20	110	mg/Kg	6010C
Vanadium, Total	3.5	BJ	0.2	5.7	mg/Kg	6010C
Zinc, Total	6.3	B	0.2	2.3	mg/Kg	6010C
2-Butanone (MEK)	4.4		1.9	4.1	ug/Kg	8260C
Acetone	36		2.4	4.1	ug/Kg	8260C
Ethylbenzene	0.24	J	0.19	4.1	ug/Kg	8260C
Methyl Acetate	1.7	J	1.5	4.1	ug/Kg	8260C
Methyl tert-Butyl Ether	0.97	J	0.78	4.1	ug/Kg	8260C
Bis(2-ethylhexyl) Phthalate	93	J	58	390	ug/Kg	8270D
Di-n-octyl Phthalate	120	J	74	390	ug/Kg	8270D

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:**R1613284
Project: Fortino Tire/251592

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1613284-001	106-14	12/14/2016	1150
R1613284-002	106-8	12/14/2016	1135
R1613284-003	106-18	12/14/2016	1205
R1613284-004	107-12	12/14/2016	1020
R1613284-005	107-16	12/14/2016	1025
R1613284-006	107-2	12/14/2016	0950
R1613284-007	107-8	12/14/2016	1000
R1613284-008	107-19	12/14/2016	1030

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

42479

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 1

Project Name: Fortino tire	Project Number: 251592
Project Manager: Mara Flanagan	Report CC:
Company/Address: 10 Maxwell dr, Suite 200, clifton Park, NY	
Phone #: 518 928 9690	Email: npeterson@trcsolutions.com
Sampler's Signature:	Sampler's Printed Name: Nathaniel Peterson

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

NUMBER OF CONTAINERS

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	cyanide, total	cyanide, dissolved	PCB, dissolved					
[illegible]-14		12/14	[illegible]			X	X	X		X	X	X								
[illegible]-5		12/14	1335			X	X	X		X	X	X								
[illegible]-15		12/14	[illegible]5			X	X	X		X	X	X								
107-12		12/14	1340			X	X	X		X	X	X								
107-16		12/14	[illegible]			X	X	X		X	X	X								
107-2		12/14	[illegible]			X	X	X		X	X	X								
107-5		12/14	[illegible]			X	X	X		X	X	X								
107-19		12/14	[illegible]			X	X	X		X	X	X								
Dup-101		12/14	1045	W	3					X	X									
Dup-103		12/14	1155	W	15	X	X		X	X	X	X	X	X	X					

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS

Metals: Hg, Cyanide

B)

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS

_____ RUSH (SURCHARGES APPLY)

_____ 1 day _____ 2 day _____ 3 day

_____ 4 day _____ 5 day

REQUESTED REPORT DATE

_____

REPORT REQUIREMENTS

____ I. Results Only

____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

Edata ____ Yes ____ No

INVOICE INFORMATION

PO #

BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	
Printed Name: Nathaniel Peterson	Printed Name: [illegible]	Printed Name: [illegible]	Printed Name: Daniel Mix	Printed Name	
Firm: TRC	Firm: ALS	Firm: ALS	Firm: ALS	Firm	
Date/Time: 12/19 13:35	Date/Time: 12/19/16 1335	Date/Time: 12/19/16 1510	Date/Time: 12/19/16/1510	Date/Time	

R1613284 5
TRC Environmental Corporation
Fortino Tire

Distribution: White - Lab Copy: Yellow - Return to Originator

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Cooler Receipt and Preservation Check Form

R1613284 5
TRC Environmental Corporation
Fortino Tire

Project/Client TRC Folder Number R1613284

Cooler received on 12/19/16 by: DW

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y N	5a	Perchlorate samples have required headspace?	Y N NA
2	Custody papers properly completed (ink, signed)?	Y N	5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	Y N NA
3	Did all bottles arrive in good condition (unbroken)?	Y N	6	Where did the bottles originate?	ALS/ROC CLIENT
4	Circle: Wet Ice Dry Ice Gel packs present?	Y N	7	Soil VOA received as: Bulk Encore 5035set NA	12/19/16

8. Temperature Readings Date: 12/19/16 Time: 1510 ID: IR#7 IR#8 From: Temp Blank Sample Bottle

Observed Temp (°C)	5.1	0.9	5.2				
Correction Factor (°C)	+0.5	IO: 0	+0.5				
Corrected Temp (°C)	5.6	0.9	5.7				
Within 0-6°C?	Y N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-002 by DW on 12/19/16 at 1510
5035 samples placed in storage location: R-Fri by ↓ on ↓ at ↓

Cooler Breakdown: Date: 12/19/16 Time: 1700 by: DW

1. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
5. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies:

pH	Reagent	Yes	No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO_3								
≤2	H_2SO_4								
<4	$NaHSO_4$								
Residual Chlorine (-)	For CN Phenol and 522			If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
	$Na_2S_2O_3$	-	-						
	ZnAcetate	-	-						
	HCl	**	**						

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Yes=All samples OK

No=Samples were preserved at The lab as listed

PM OK to Adjust: _____

Bottle lot numbers: 042616-IBNS, 103116-IBNA

Other Comments:

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

PC Secondary Review: DMA 12/20/16 *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an ñimmediateò hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Delaware Accredited	Nebraska Accredited	
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047	North Carolina #676	Virginia #460167

[1] Analyses were performed according to our laboratoryôs NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: TRC Environmental Corporation **Service Request:** R1613284
Project: Fortino Tire/251592

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
ALS SOP	Soil	Total Solids

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Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613284
Project: Fortino Tire/251592

Sample Name: 106-14 **Date Collected:** 12/14/16
Lab Code: R1613284-001 **Date Received:** 12/19/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	CBURLESON	CBURLESON
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: 106-8 **Date Collected:** 12/14/16
Lab Code: R1613284-002 **Date Received:** 12/19/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	CBURLESON	CBURLESON
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: 106-18 **Date Collected:** 12/14/16
Lab Code: R1613284-003 **Date Received:** 12/19/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	CBURLESON	CBURLESON
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592		

Sample Name:	106-18	**Date Collected:**	12/14/16
Lab Code:	R1613284-003	**Date Received:**	12/19/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
ALS SOP		KWONG

Sample Name:	107-12	**Date Collected:**	12/14/16
Lab Code:	R1613284-004	**Date Received:**	12/19/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	CBURLESON	CBURLESON
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name:	107-16	**Date Collected:**	12/14/16
Lab Code:	R1613284-005	**Date Received:**	12/19/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	CBURLESON	CBURLESON
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

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Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1613284
Project: Fortino Tire/251592

Sample Name: 107-2 **Date Collected:** 12/14/16
Lab Code: R1613284-006 **Date Received:** 12/19/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	CBURLESON	CBURLESON
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: 107-8 **Date Collected:** 12/14/16
Lab Code: R1613284-007 **Date Received:** 12/19/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	CBURLESON	CBURLESON
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT
ALS SOP		KWONG

Sample Name: 107-19 **Date Collected:** 12/14/16
Lab Code: R1613284-008 **Date Received:** 12/19/16
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	CBURLESON	NMANSEN
7471B	CBURLESON	CBURLESON
8082A	MROGERSON	MPEDRO
8260C		FNAEGLER
8270D	MROGERSON	JMISIUREWICZ
9012B	KABBOTT	KABBOTT

ALS Group USA, Corp.
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Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592		

Sample Name:	107-19	**Date Collected:**	12/14/16
Lab Code:	R1613284-008	**Date Received:**	12/19/16
Sample Matrix:	Soil		

Analysis Method	Extracted/Digested By	Analyzed By
ALS SOP		KWONG

INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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www.alsglobal.com

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-14	**Units:**	ug/Kg
Lab Code:	R1613284-001	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	3.9 U	3.9	0.58	.66	12/20/16 16:25	
1,1,2,2-Tetrachloroethane	3.9 U	3.9	0.64	.66	12/20/16 16:25	
1,1,2-Trichloroethane	3.9 U	3.9	0.58	.66	12/20/16 16:25	
1,1,2-Trichloro-1,2,2-trifluoroethane	3.9 U	3.9	0.98	.66	12/20/16 16:25	
1,1-Dichloroethane (1,1-DCA)	3.9 U	3.9	0.98	.66	12/20/16 16:25	
1,1-Dichloroethene (1,1-DCE)	3.9 U	3.9	1.1	.66	12/20/16 16:25	
1,2,3-Trichlorobenzene	3.9 U	3.9	0.49	.66	12/20/16 16:25	
1,2,4-Trichlorobenzene	3.9 U	3.9	0.47	.66	12/20/16 16:25	
1,2-Dibromo-3-chloropropane (DBCP)	3.9 U	3.9	1.5	.66	12/20/16 16:25	
1,2-Dibromoethane	3.9 U	3.9	0.95	.66	12/20/16 16:25	
1,2-Dichlorobenzene	**0.70 J**	3.9	0.48	.66	12/20/16 16:25	
1,2-Dichloroethane	3.9 U	3.9	0.48	.66	12/20/16 16:25	
1,2-Dichloropropane	3.9 U	3.9	0.77	.66	12/20/16 16:25	
1,3-Dichlorobenzene	**0.50 J**	3.9	0.50	.66	12/20/16 16:25	
1,4-Dichlorobenzene	**1.9 J**	3.9	0.44	.66	12/20/16 16:25	
1,4-Dioxane	78 U	78	15	.66	12/20/16 16:25	
2-Butanone (MEK)	**12**	3.9	1.8	.66	12/20/16 16:25	
2-Hexanone	3.9 U	3.9	0.95	.66	12/20/16 16:25	
4-Methyl-2-pentanone	3.9 U	3.9	0.77	.66	12/20/16 16:25	
Acetone	**88**	3.9	2.3	.66	12/20/16 16:25	
Benzene	**4.7**	3.9	0.23	.66	12/20/16 16:25	
Bromochloromethane	3.9 U	3.9	1.1	.66	12/20/16 16:25	
Bromodichloromethane	3.9 U	3.9	0.48	.66	12/20/16 16:25	
Bromoform	3.9 U	3.9	0.73	.66	12/20/16 16:25	
Bromomethane	3.9 U	3.9	1.1	.66	12/20/16 16:25	
Carbon Disulfide	**1.3 J**	3.9	0.98	.66	12/20/16 16:25	
Carbon Tetrachloride	3.9 U	3.9	0.73	.66	12/20/16 16:25	
Chlorobenzene	**0.91 J**	3.9	0.23	.66	12/20/16 16:25	
Chloroethane	3.9 U	3.9	2.3	.66	12/20/16 16:25	
Chloroform	3.9 U	3.9	0.99	.66	12/20/16 16:25	
Chloromethane	3.9 U	3.9	0.32	.66	12/20/16 16:25	
Cyclohexane	3.9 U	3.9	1.1	.66	12/20/16 16:25	
Dibromochloromethane	3.9 U	3.9	0.58	.66	12/20/16 16:25	
Dichlorodifluoromethane (CFC 12)	3.9 U	3.9	1.5	.66	12/20/16 16:25	
Dichloromethane	**2.5 J**	3.9	0.45	.66	12/20/16 16:25	
Ethylbenzene	**4.3**	3.9	0.19	.66	12/20/16 16:25	
Isopropylbenzene (Cumene)	**7.9**	3.9	0.53	.66	12/20/16 16:25	
Methyl Acetate	**2.4 J**	3.9	1.4	.66	12/20/16 16:25	
Methyl tert-Butyl Ether	**1.8 J**	3.9	0.74	.66	12/20/16 16:25	
Methylcyclohexane	3.9 U	3.9	0.95	.66	12/20/16 16:25	
Styrene	**0.56 J**	3.9	0.24	.66	12/20/16 16:25	
Tetrachloroethene (PCE)	3.9 U	3.9	0.69	.66	12/20/16 16:25	
Toluene	**1.4 J**	3.9	0.79	.66	12/20/16 16:25	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-14	**Units:**	ug/Kg
Lab Code:	R1613284-001	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	3.9 U	3.9	0.80	.66	12/20/16 16:25	
Trichlorofluoromethane (CFC 11)	3.9 U	3.9	0.52	.66	12/20/16 16:25	
Vinyl Chloride	3.9 U	3.9	1.5	.66	12/20/16 16:25	
cis-1,2-Dichloroethene	3.9 U	3.9	0.75	.66	12/20/16 16:25	
cis-1,3-Dichloropropene	3.9 U	3.9	0.71	.66	12/20/16 16:25	
m,p-Xylenes	**40**	7.8	0.86	.66	12/20/16 16:25	
o-Xylene	**7.3**	3.9	0.38	.66	12/20/16 16:25	
trans-1,2-Dichloroethene	3.9 U	3.9	0.68	.66	12/20/16 16:25	
trans-1,3-Dichloropropene	3.9 U	3.9	0.16	.66	12/20/16 16:25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	51 - 136	12/20/16 16:25	
Dibromofluoromethane	103	63 - 138	12/20/16 16:25	
Toluene-d8	106	66 - 138	12/20/16 16:25	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000103-65-1	Benzene, propyl-	12.31	15	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.43	30	JN
000108-67-8	Benzene, 1,3,5-trimethyl-	12.51	12	JN
000622-96-8	Benzene, 1-ethyl-4-methyl-	12.71	25	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	12.90	99	JN
000526-73-8	Benzene, 1,2,3-trimethyl-	13.32	28	JN
000496-11-7	Indane	13.51	12	JN
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	13.93	11	JN
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	13.96	12	JN
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	14.04	22	JN
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	14.44	11	JN
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	14.49	22	JN
027133-93-3	2,3-Dihydro-1-methylindene	14.74	13	JN
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	14.90	28	JN
000091-20-3	Naphthalene	15.51	32	JN
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	16.13	7.5	JN
000091-57-6	Naphthalene, 2-methyl-	16.65	22	JN
000090-12-0	Naphthalene, 1-methyl-	16.82	12	JN
	unknown	2.35	7.9	J
	unknown	3.45	14	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-8	**Units:**	ug/Kg
Lab Code:	R1613284-002	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	470 U	470	69	75	12/22/16 17:43	
1,1,2,2-Tetrachloroethane	470 U	470	76	75	12/22/16 17:43	
1,1,2-Trichloroethane	470 U	470	69	75	12/22/16 17:43	
1,1,2-Trichloro-1,2,2-trifluoroethane	470 U	470	120	75	12/22/16 17:43	
1,1-Dichloroethane (1,1-DCA)	470 U	470	120	75	12/22/16 17:43	
1,1-Dichloroethene (1,1-DCE)	470 U	470	120	75	12/22/16 17:43	
1,2,3-Trichlorobenzene	470 U	470	59	75	12/22/16 17:43	
1,2,4-Trichlorobenzene	**350 J**	470	56	75	12/22/16 17:43	
1,2-Dibromo-3-chloropropane (DBCP)	470 U	470	180	75	12/22/16 17:43	
1,2-Dibromoethane	470 U	470	120	75	12/22/16 17:43	
1,2-Dichlorobenzene	470 U	470	58	75	12/22/16 17:43	
1,2-Dichloroethane	470 U	470	58	75	12/22/16 17:43	
1,2-Dichloropropane	470 U	470	91	75	12/22/16 17:43	
1,3-Dichlorobenzene	470 U	470	59	75	12/22/16 17:43	
1,4-Dichlorobenzene	470 U	470	53	75	12/22/16 17:43	
1,4-Dioxane	9400 U	9400	1800	75	12/22/16 17:43	
2-Butanone (MEK)	470 U	470	220	75	12/22/16 17:43	
2-Hexanone	470 U	470	120	75	12/22/16 17:43	
4-Methyl-2-pentanone	**830**	470	92	75	12/22/16 17:43	
Acetone	**790**	470	270	75	12/22/16 17:43	
Benzene	**130 J**	470	28	75	12/22/16 17:43	
Bromochloromethane	470 U	470	130	75	12/22/16 17:43	
Bromodichloromethane	470 U	470	58	75	12/22/16 17:43	
Bromoform	470 U	470	88	75	12/22/16 17:43	
Bromomethane	470 U	470	130	75	12/22/16 17:43	
Carbon Disulfide	470 U	470	120	75	12/22/16 17:43	
Carbon Tetrachloride	470 U	470	87	75	12/22/16 17:43	
Chlorobenzene	**46 J**	470	28	75	12/22/16 17:43	
Chloroethane	470 U	470	270	75	12/22/16 17:43	
Chloroform	470 U	470	120	75	12/22/16 17:43	
Chloromethane	**47 BJ**	470	38	75	12/22/16 17:43	
Cyclohexane	470 U	470	130	75	12/22/16 17:43	
Dibromochloromethane	470 U	470	69	75	12/22/16 17:43	
Dichlorodifluoromethane (CFC 12)	470 U	470	180	75	12/22/16 17:43	
Dichloromethane	470 U	470	54	75	12/22/16 17:43	
Ethylbenzene	**2900**	470	22	75	12/22/16 17:43	
Isopropylbenzene (Cumene)	**480**	470	63	75	12/22/16 17:43	
Methyl Acetate	**170 J**	470	170	75	12/22/16 17:43	
Methyl tert-Butyl Ether	470 U	470	89	75	12/22/16 17:43	
Methylcyclohexane	470 U	470	120	75	12/22/16 17:43	
Styrene	**720**	470	29	75	12/22/16 17:43	
Tetrachloroethene (PCE)	470 U	470	83	75	12/22/16 17:43	
Toluene	**1700**	470	94	75	12/22/16 17:43	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-8	**Units:**	ug/Kg
Lab Code:	R1613284-002	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	470 U	470	95	75	12/22/16 17:43	
Trichlorofluoromethane (CFC 11)	470 U	470	62	75	12/22/16 17:43	
Vinyl Chloride	470 U	470	180	75	12/22/16 17:43	
cis-1,2-Dichloroethene	470 U	470	89	75	12/22/16 17:43	
cis-1,3-Dichloropropene	470 U	470	85	75	12/22/16 17:43	
m,p-Xylenes	**3900**	940	110	75	12/22/16 17:43	
o-Xylene	**2100**	470	45	75	12/22/16 17:43	
trans-1,2-Dichloroethene	470 U	470	81	75	12/22/16 17:43	
trans-1,3-Dichloropropene	470 U	470	19	75	12/22/16 17:43	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	111	51 - 136	12/22/16 17:43	
Dibromofluoromethane	80	63 - 138	12/22/16 17:43	
Toluene-d8	105	66 - 138	12/22/16 17:43	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000620-14-4	Benzene, 1-ethyl-3-methyl-	11.33	3300	JN
000108-67-8	Benzene, 1,3,5-trimethyl-	11.41	1400	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	11.57	1200	JN
000095-36-3	1,2,4-Trimethylbenzene	11.71	5900	JN
	unknown	12.22	1100	J
001074-43-7	Benzene, 1-methyl-3-propyl-	12.24	1000	JN
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	12.51	1100	JN
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	12.54	900	JN
000099-87-6	Benzene, 1-methyl-4-(1-methylethyl	12.60	1600	JN
	unknown	12.69	950	J
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	12.91	1500	JN
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	12.95	1800	JN
027133-93-3	2,3-Dihydro-1-methylindene	13.16	1300	JN
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	13.29	2200	JN
	unknown	13.67	930	J
000091-20-3	Naphthalene	13.77	2200	JN
	unknown	13.93	1200	J
	unknown	14.22	1200	J
000091-57-6	Naphthalene, 2-methyl-	14.65	2700	JN
000090-12-0	Naphthalene, 1-methyl-	14.79	1200	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 12:05
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-18	**Units:**	ug/Kg
Lab Code:	R1613284-003	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.4 U	4.4	0.65	.77	12/22/16 12:46	
1,1,2,2-Tetrachloroethane	4.4 U	4.4	0.72	.77	12/22/16 12:46	
1,1,2-Trichloroethane	4.4 U	4.4	0.65	.77	12/22/16 12:46	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.4 U	4.4	1.1	.77	12/22/16 12:46	
1,1-Dichloroethane (1,1-DCA)	4.4 U	4.4	1.1	.77	12/22/16 12:46	
1,1-Dichloroethene (1,1-DCE)	4.4 U	4.4	1.2	.77	12/22/16 12:46	
1,2,3-Trichlorobenzene	4.4 U	4.4	0.55	.77	12/22/16 12:46	
1,2,4-Trichlorobenzene	4.4 U	4.4	0.52	.77	12/22/16 12:46	
1,2-Dibromo-3-chloropropane (DBCP)	4.4 U	4.4	1.7	.77	12/22/16 12:46	
1,2-Dibromoethane	4.4 U	4.4	1.1	.77	12/22/16 12:46	
1,2-Dichlorobenzene	4.4 U	4.4	0.54	.77	12/22/16 12:46	
1,2-Dichloroethane	4.4 U	4.4	0.54	.77	12/22/16 12:46	
1,2-Dichloropropane	4.4 U	4.4	0.86	.77	12/22/16 12:46	
1,3-Dichlorobenzene	4.4 U	4.4	0.56	.77	12/22/16 12:46	
1,4-Dichlorobenzene	4.4 U	4.4	0.50	.77	12/22/16 12:46	
1,4-Dioxane	88 U	88	17	.77	12/22/16 12:46	
2-Butanone (MEK)	**4.3 J**	4.4	2.1	.77	12/22/16 12:46	
2-Hexanone	4.4 U	4.4	1.1	.77	12/22/16 12:46	
4-Methyl-2-pentanone	4.4 U	4.4	0.87	.77	12/22/16 12:46	
Acetone	**33**	4.4	2.5	.77	12/22/16 12:46	
Benzene	4.4 U	4.4	0.26	.77	12/22/16 12:46	
Bromochloromethane	4.4 U	4.4	1.2	.77	12/22/16 12:46	
Bromodichloromethane	4.4 U	4.4	0.54	.77	12/22/16 12:46	
Bromoform	4.4 U	4.4	0.82	.77	12/22/16 12:46	
Bromomethane	4.4 U	4.4	1.3	.77	12/22/16 12:46	
Carbon Disulfide	4.4 U	4.4	1.1	.77	12/22/16 12:46	
Carbon Tetrachloride	4.4 U	4.4	0.81	.77	12/22/16 12:46	
Chlorobenzene	4.4 U	4.4	0.26	.77	12/22/16 12:46	
Chloroethane	4.4 U	4.4	2.6	.77	12/22/16 12:46	
Chloroform	4.4 U	4.4	1.2	.77	12/22/16 12:46	
Chloromethane	4.4 U	4.4	0.36	.77	12/22/16 12:46	
Cyclohexane	4.4 U	4.4	1.3	.77	12/22/16 12:46	
Dibromochloromethane	4.4 U	4.4	0.65	.77	12/22/16 12:46	
Dichlorodifluoromethane (CFC 12)	4.4 U	4.4	1.7	.77	12/22/16 12:46	
Dichloromethane	4.4 U	4.4	0.51	.77	12/22/16 12:46	
Ethylbenzene	**0.21 J**	4.4	0.21	.77	12/22/16 12:46	
Isopropylbenzene (Cumene)	4.4 U	4.4	0.59	.77	12/22/16 12:46	
Methyl Acetate	**1.6 J**	4.4	1.6	.77	12/22/16 12:46	
Methyl tert-Butyl Ether	4.4 U	4.4	0.83	.77	12/22/16 12:46	
Methylcyclohexane	4.4 U	4.4	1.1	.77	12/22/16 12:46	
Styrene	4.4 U	4.4	0.27	.77	12/22/16 12:46	
Tetrachloroethene (PCE)	4.4 U	4.4	0.78	.77	12/22/16 12:46	
Toluene	4.4 U	4.4	0.88	.77	12/22/16 12:46	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 12:05
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-18	**Units:**	ug/Kg
Lab Code:	R1613284-003	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.4 U	4.4	0.89	.77	12/22/16 12:46	
Trichlorofluoromethane (CFC 11)	4.4 U	4.4	0.59	.77	12/22/16 12:46	
Vinyl Chloride	4.4 U	4.4	1.7	.77	12/22/16 12:46	
cis-1,2-Dichloroethene	4.4 U	4.4	0.84	.77	12/22/16 12:46	
cis-1,3-Dichloropropene	4.4 U	4.4	0.80	.77	12/22/16 12:46	
m,p-Xylenes	8.8 U	8.8	0.96	.77	12/22/16 12:46	
o-Xylene	4.4 U	4.4	0.43	.77	12/22/16 12:46	
trans-1,2-Dichloroethene	4.4 U	4.4	0.76	.77	12/22/16 12:46	
trans-1,3-Dichloropropene	4.4 U	4.4	0.18	.77	12/22/16 12:46	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	51 - 136	12/22/16 12:46	
Dibromofluoromethane	101	63 - 138	12/22/16 12:46	
Toluene-d8	104	66 - 138	12/22/16 12:46	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.45	6.8	J
002213-23-2	Heptane, 2,4-dimethyl-	9.64	5.4	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-12	**Units:**	ug/Kg
Lab Code:	R1613284-004	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	510 U	510	75	79	12/22/16 16:06	
1,1,2,2-Tetrachloroethane	510 U	510	83	79	12/22/16 16:06	
1,1,2-Trichloroethane	510 U	510	75	79	12/22/16 16:06	
1,1,2-Trichloro-1,2,2-trifluoroethane	510 U	510	130	79	12/22/16 16:06	
1,1-Dichloroethane (1,1-DCA)	510 U	510	130	79	12/22/16 16:06	
1,1-Dichloroethene (1,1-DCE)	510 U	510	140	79	12/22/16 16:06	
1,2,3-Trichlorobenzene	510 U	510	64	79	12/22/16 16:06	
1,2,4-Trichlorobenzene	510 U	510	61	79	12/22/16 16:06	
1,2-Dibromo-3-chloropropane (DBCP)	510 U	510	200	79	12/22/16 16:06	
1,2-Dibromoethane	510 U	510	130	79	12/22/16 16:06	
1,2-Dichlorobenzene	510 U	510	63	79	12/22/16 16:06	
1,2-Dichloroethane	510 U	510	63	79	12/22/16 16:06	
1,2-Dichloropropane	510 U	510	100	79	12/22/16 16:06	
1,3-Dichlorobenzene	510 U	510	65	79	12/22/16 16:06	
1,4-Dichlorobenzene	510 U	510	58	79	12/22/16 16:06	
1,4-Dioxane	10000 U	10000	2000	79	12/22/16 16:06	
2-Butanone (MEK)	510 U	510	240	79	12/22/16 16:06	
2-Hexanone	510 U	510	130	79	12/22/16 16:06	
4-Methyl-2-pentanone	**120 J**	510	110	79	12/22/16 16:06	
Acetone	510 U	510	290	79	12/22/16 16:06	
Benzene	**99 J**	510	30	79	12/22/16 16:06	
Bromochloromethane	510 U	510	140	79	12/22/16 16:06	
Bromodichloromethane	510 U	510	63	79	12/22/16 16:06	
Bromoform	510 U	510	96	79	12/22/16 16:06	
Bromomethane	510 U	510	150	79	12/22/16 16:06	
Carbon Disulfide	510 U	510	130	79	12/22/16 16:06	
Carbon Tetrachloride	510 U	510	95	79	12/22/16 16:06	
Chlorobenzene	510 U	510	30	79	12/22/16 16:06	
Chloroethane	510 U	510	300	79	12/22/16 16:06	
Chloroform	510 U	510	130	79	12/22/16 16:06	
Chloromethane	**76 BJ**	510	41	79	12/22/16 16:06	
Cyclohexane	510 U	510	150	79	12/22/16 16:06	
Dibromochloromethane	510 U	510	75	79	12/22/16 16:06	
Dichlorodifluoromethane (CFC 12)	510 U	510	200	79	12/22/16 16:06	
Dichloromethane	510 U	510	59	79	12/22/16 16:06	
Ethylbenzene	**690**	510	24	79	12/22/16 16:06	
Isopropylbenzene (Cumene)	**77 J**	510	69	79	12/22/16 16:06	
Methyl Acetate	**270 J**	510	180	79	12/22/16 16:06	
Methyl tert-Butyl Ether	510 U	510	97	79	12/22/16 16:06	
Methylcyclohexane	510 U	510	130	79	12/22/16 16:06	
Styrene	**76 J**	510	31	79	12/22/16 16:06	
Tetrachloroethene (PCE)	510 U	510	90	79	12/22/16 16:06	
Toluene	**740**	510	110	79	12/22/16 16:06	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-12	**Units:**	ug/Kg
Lab Code:	R1613284-004	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	510 U	510	110	79	12/22/16 16:06	
Trichlorofluoromethane (CFC 11)	**140 J**	510	68	79	12/22/16 16:06	
Vinyl Chloride	510 U	510	190	79	12/22/16 16:06	
cis-1,2-Dichloroethene	510 U	510	98	79	12/22/16 16:06	
cis-1,3-Dichloropropene	510 U	510	92	79	12/22/16 16:06	
m,p-Xylenes	**260 J**	1000	120	79	12/22/16 16:06	
o-Xylene	**160 J**	510	50	79	12/22/16 16:06	
trans-1,2-Dichloroethene	510 U	510	88	79	12/22/16 16:06	
trans-1,3-Dichloropropene	510 U	510	21	79	12/22/16 16:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	51 - 136	12/22/16 16:06	
Dibromofluoromethane	89	63 - 138	12/22/16 16:06	
Toluene-d8	104	66 - 138	12/22/16 16:06	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:25
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-16	**Units:**	ug/Kg
Lab Code:	R1613284-005	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.3 U	5.3	0.77	.8	12/22/16 13:14	
1,1,2,2-Tetrachloroethane	5.3 U	5.3	0.86	.8	12/22/16 13:14	
1,1,2-Trichloroethane	5.3 U	5.3	0.77	.8	12/22/16 13:14	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.3 U	5.3	1.4	.8	12/22/16 13:14	
1,1-Dichloroethane (1,1-DCA)	5.3 U	5.3	1.4	.8	12/22/16 13:14	
1,1-Dichloroethene (1,1-DCE)	5.3 U	5.3	1.4	.8	12/22/16 13:14	
1,2,3-Trichlorobenzene	5.3 U	5.3	0.66	.8	12/22/16 13:14	
1,2,4-Trichlorobenzene	5.3 U	5.3	0.63	.8	12/22/16 13:14	
1,2-Dibromo-3-chloropropane (DBCP)	5.3 U	5.3	2.0	.8	12/22/16 13:14	
1,2-Dibromoethane	5.3 U	5.3	1.3	.8	12/22/16 13:14	
1,2-Dichlorobenzene	5.3 U	5.3	0.65	.8	12/22/16 13:14	
1,2-Dichloroethane	5.3 U	5.3	0.65	.8	12/22/16 13:14	
1,2-Dichloropropane	5.3 U	5.3	1.1	.8	12/22/16 13:14	
1,3-Dichlorobenzene	5.3 U	5.3	0.67	.8	12/22/16 13:14	
1,4-Dichlorobenzene	5.3 U	5.3	0.59	.8	12/22/16 13:14	
1,4-Dioxane	110 U	110	21	.8	12/22/16 13:14	
2-Butanone (MEK)	**24**	5.3	2.5	.8	12/22/16 13:14	
2-Hexanone	5.3 U	5.3	1.3	.8	12/22/16 13:14	
4-Methyl-2-pentanone	**2.4 J**	5.3	1.1	.8	12/22/16 13:14	
Acetone	**310 E**	5.3	3.0	.8	12/22/16 13:14	
Benzene	**4.3 J**	5.3	0.31	.8	12/22/16 13:14	
Bromochloromethane	5.3 U	5.3	1.5	.8	12/22/16 13:14	
Bromodichloromethane	5.3 U	5.3	0.65	.8	12/22/16 13:14	
Bromoform	5.3 U	5.3	0.98	.8	12/22/16 13:14	
Bromomethane	5.3 U	5.3	1.5	.8	12/22/16 13:14	
Carbon Disulfide	5.3 U	5.3	1.4	.8	12/22/16 13:14	
Carbon Tetrachloride	5.3 U	5.3	0.97	.8	12/22/16 13:14	
Chlorobenzene	5.3 U	5.3	0.31	.8	12/22/16 13:14	
Chloroethane	5.3 U	5.3	3.1	.8	12/22/16 13:14	
Chloroform	5.3 U	5.3	1.4	.8	12/22/16 13:14	
Chloromethane	5.3 U	5.3	0.43	.8	12/22/16 13:14	
Cyclohexane	5.3 U	5.3	1.5	.8	12/22/16 13:14	
Dibromochloromethane	5.3 U	5.3	0.77	.8	12/22/16 13:14	
Dichlorodifluoromethane (CFC 12)	5.3 U	5.3	2.0	.8	12/22/16 13:14	
Dichloromethane	5.3 U	5.3	0.61	.8	12/22/16 13:14	
Ethylbenzene	**14**	5.3	0.25	.8	12/22/16 13:14	
Isopropylbenzene (Cumene)	**2.9 J**	5.3	0.71	.8	12/22/16 13:14	
Methyl Acetate	**6.8**	5.3	1.9	.8	12/22/16 13:14	
Methyl tert-Butyl Ether	**2.6 J**	5.3	0.99	.8	12/22/16 13:14	
Methylcyclohexane	5.3 U	5.3	1.3	.8	12/22/16 13:14	
Styrene	**0.74 J**	5.3	0.32	.8	12/22/16 13:14	
Tetrachloroethene (PCE)	5.3 U	5.3	0.93	.8	12/22/16 13:14	
Toluene	**49**	5.3	1.1	.8	12/22/16 13:14	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:25
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-16	**Units:**	ug/Kg
Lab Code:	R1613284-005	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.3 U	5.3	1.1	.8	12/22/16 13:14	
Trichlorofluoromethane (CFC 11)	5.3 U	5.3	0.70	.8	12/22/16 13:14	
Vinyl Chloride	5.3 U	5.3	2.0	.8	12/22/16 13:14	
cis-1,2-Dichloroethene	5.3 U	5.3	1.0	.8	12/22/16 13:14	
cis-1,3-Dichloropropene	5.3 U	5.3	0.95	.8	12/22/16 13:14	
m,p-Xylenes	**6.4 J**	11	1.2	.8	12/22/16 13:14	
o-Xylene	**4.5 J**	5.3	0.51	.8	12/22/16 13:14	
trans-1,2-Dichloroethene	5.3 U	5.3	0.91	.8	12/22/16 13:14	
trans-1,3-Dichloropropene	5.3 U	5.3	0.22	.8	12/22/16 13:14	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	51 - 136	12/22/16 13:14	
Dibromofluoromethane	104	63 - 138	12/22/16 13:14	
Toluene-d8	106	66 - 138	12/22/16 13:14	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	16	JN
000075-07-0	Acetaldehyde	1.16	7.4	JN
000109-66-0	Pentane	1.56	5.3	JN
	unknown	12.10	8.7	J
000611-14-3	Benzene, 1-ethyl-2-methyl-	12.41	9.1	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	12.90	10	JN
000526-73-8	Benzene, 1,2,3-trimethyl-	13.32	5.3	JN
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	13.66	5.6	JN
	unknown	15.71	5.4	J
	unknown	2.35	6.1	J
	unknown	2.65	7.2	J
	unknown	3.45	20	J
	unknown	9.65	5.5	J
000565-80-0	3-Pentanone, 2,4-dimethyl-	9.74	7.4	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:25
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-16	**Units:**	ug/Kg
Lab Code:	R1613284-005	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	490	U	490	72	74	12/22/16 16:30	
1,1,2,2-Tetrachloroethane	490	U	490	79	74	12/22/16 16:30	
1,1,2-Trichloroethane	490	U	490	72	74	12/22/16 16:30	
1,1,2-Trichloro-1,2,2-trifluoroethane	490	U	490	130	74	12/22/16 16:30	
1,1-Dichloroethane (1,1-DCA)	490	U	490	130	74	12/22/16 16:30	
1,1-Dichloroethene (1,1-DCE)	490	U	490	130	74	12/22/16 16:30	
1,2,3-Trichlorobenzene	490	U	490	61	74	12/22/16 16:30	
1,2,4-Trichlorobenzene	490	U	490	58	74	12/22/16 16:30	
1,2-Dibromo-3-chloropropane (DBCP)	490	U	490	190	74	12/22/16 16:30	
1,2-Dibromoethane	490	U	490	120	74	12/22/16 16:30	
1,2-Dichlorobenzene	490	U	490	60	74	12/22/16 16:30	
1,2-Dichloroethane	490	U	490	60	74	12/22/16 16:30	
1,2-Dichloropropane	490	U	490	95	74	12/22/16 16:30	
1,3-Dichlorobenzene	490	U	490	62	74	12/22/16 16:30	
1,4-Dichlorobenzene	490	U	490	55	74	12/22/16 16:30	
1,4-Dioxane	9700	U	9700	1900	74	12/22/16 16:30	
2-Butanone (MEK)	490	U	490	230	74	12/22/16 16:30	
2-Hexanone	490	U	490	120	74	12/22/16 16:30	
4-Methyl-2-pentanone	490	U	490	96	74	12/22/16 16:30	
Acetone	490	U	490	280	74	12/22/16 16:30	
Benzene	490	U	490	29	74	12/22/16 16:30	
Bromochloromethane	490	U	490	140	74	12/22/16 16:30	
Bromodichloromethane	490	U	490	60	74	12/22/16 16:30	
Bromoform	490	U	490	91	74	12/22/16 16:30	
Bromomethane	490	U	490	140	74	12/22/16 16:30	
Carbon Disulfide	490	U	490	130	74	12/22/16 16:30	
Carbon Tetrachloride	490	U	490	90	74	12/22/16 16:30	
Chlorobenzene	490	U	490	29	74	12/22/16 16:30	
Chloroethane	490	U	490	280	74	12/22/16 16:30	
Chloroform	490	U	490	130	74	12/22/16 16:30	
Chloromethane	**55**	**BDJ**	490	39	74	12/22/16 16:30	
Cyclohexane	490	U	490	140	74	12/22/16 16:30	
Dibromochloromethane	490	U	490	72	74	12/22/16 16:30	
Dichlorodifluoromethane (CFC 12)	490	U	490	190	74	12/22/16 16:30	
Dichloromethane	490	U	490	56	74	12/22/16 16:30	
Ethylbenzene	490	U	490	23	74	12/22/16 16:30	
Isopropylbenzene (Cumene)	490	U	490	66	74	12/22/16 16:30	
Methyl Acetate	**310**	**DJ**	490	180	74	12/22/16 16:30	
Methyl tert-Butyl Ether	490	U	490	92	74	12/22/16 16:30	
Methylcyclohexane	490	U	490	120	74	12/22/16 16:30	
Styrene	490	U	490	30	74	12/22/16 16:30	
Tetrachloroethene (PCE)	490	U	490	86	74	12/22/16 16:30	
Toluene	**120**	**DJ**	490	98	74	12/22/16 16:30	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:25
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-16	**Units:**	ug/Kg
Lab Code:	R1613284-005	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	490 U	490	99	74	12/22/16 16:30	
Trichlorofluoromethane (CFC 11)	490 U	490	65	74	12/22/16 16:30	
Vinyl Chloride	490 U	490	180	74	12/22/16 16:30	
cis-1,2-Dichloroethene	490 U	490	93	74	12/22/16 16:30	
cis-1,3-Dichloropropene	490 U	490	88	74	12/22/16 16:30	
m,p-Xylenes	970 U	970	110	74	12/22/16 16:30	
o-Xylene	490 U	490	47	74	12/22/16 16:30	
trans-1,2-Dichloroethene	490 U	490	84	74	12/22/16 16:30	
trans-1,3-Dichloropropene	490 U	490	20	74	12/22/16 16:30	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	51 - 136	12/22/16 16:30	
Dibromofluoromethane	71	63 - 138	12/22/16 16:30	
Toluene-d8	106	66 - 138	12/22/16 16:30	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 09:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-2	**Units:**	ug/Kg
Lab Code:	R1613284-006	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	580 U	580	85	86	12/28/16 16:29	
1,1,2,2-Tetrachloroethane	580 U	580	94	86	12/28/16 16:29	
1,1,2-Trichloroethane	580 U	580	85	86	12/28/16 16:29	
1,1,2-Trichloro-1,2,2-trifluoroethane	580 U	580	150	86	12/28/16 16:29	
1,1-Dichloroethane (1,1-DCA)	580 U	580	150	86	12/28/16 16:29	
1,1-Dichloroethene (1,1-DCE)	580 U	580	150	86	12/28/16 16:29	
1,2,3-Trichlorobenzene	580 U	580	72	86	12/28/16 16:29	
1,2,4-Trichlorobenzene	580 U	580	69	86	12/28/16 16:29	
1,2-Dibromo-3-chloropropane (DBCP)	580 U	580	220	86	12/28/16 16:29	
1,2-Dibromoethane	580 U	580	140	86	12/28/16 16:29	
1,2-Dichlorobenzene	580 U	580	71	86	12/28/16 16:29	
1,2-Dichloroethane	580 U	580	71	86	12/28/16 16:29	
1,2-Dichloropropane	580 U	580	120	86	12/28/16 16:29	
1,3-Dichlorobenzene	**100 J**	580	73	86	12/28/16 16:29	
1,4-Dichlorobenzene	**320 J**	580	65	86	12/28/16 16:29	
1,4-Dioxane	12000 U	12000	2300	86	12/28/16 16:29	
2-Butanone (MEK)	580 U	580	270	86	12/28/16 16:29	
2-Hexanone	580 U	580	140	86	12/28/16 16:29	
4-Methyl-2-pentanone	**240 J**	580	120	86	12/28/16 16:29	
Acetone	**440 J**	580	330	86	12/28/16 16:29	
Benzene	**62 J**	580	34	86	12/28/16 16:29	
Bromochloromethane	580 U	580	160	86	12/28/16 16:29	
Bromodichloromethane	580 U	580	71	86	12/28/16 16:29	
Bromoform	580 U	580	110	86	12/28/16 16:29	
Bromomethane	580 U	580	160	86	12/28/16 16:29	
Carbon Disulfide	580 U	580	150	86	12/28/16 16:29	
Carbon Tetrachloride	580 U	580	110	86	12/28/16 16:29	
Chlorobenzene	**40 J**	580	34	86	12/28/16 16:29	
Chloroethane	580 U	580	340	86	12/28/16 16:29	
Chloroform	580 U	580	150	86	12/28/16 16:29	
Chloromethane	**50 BJ**	580	47	86	12/28/16 16:29	
Cyclohexane	580 U	580	160	86	12/28/16 16:29	
Dibromochloromethane	580 U	580	85	86	12/28/16 16:29	
Dichlorodifluoromethane (CFC 12)	580 U	580	220	86	12/28/16 16:29	
Dichloromethane	580 U	580	66	86	12/28/16 16:29	
Ethylbenzene	**3900**	580	27	86	12/28/16 16:29	
Isopropylbenzene (Cumene)	**680**	580	78	86	12/28/16 16:29	
Methyl Acetate	**460 J**	580	210	86	12/28/16 16:29	
Methyl tert-Butyl Ether	580 U	580	110	86	12/28/16 16:29	
Methylcyclohexane	580 U	580	140	86	12/28/16 16:29	
Styrene	**220 J**	580	35	86	12/28/16 16:29	
Tetrachloroethene (PCE)	580 U	580	110	86	12/28/16 16:29	
Toluene	**190 J**	580	120	86	12/28/16 16:29	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 09:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-2	**Units:**	ug/Kg
Lab Code:	R1613284-006	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	580 U	580	120	86	12/28/16 16:29	
Trichlorofluoromethane (CFC 11)	**270 J**	580	77	86	12/28/16 16:29	
Vinyl Chloride	580 U	580	220	86	12/28/16 16:29	
cis-1,2-Dichloroethene	580 U	580	110	86	12/28/16 16:29	
cis-1,3-Dichloropropene	580 U	580	110	86	12/28/16 16:29	
m,p-Xylenes	**2000**	1200	130	86	12/28/16 16:29	
o-Xylene	**2300**	580	56	86	12/28/16 16:29	
trans-1,2-Dichloroethene	580 U	580	100	86	12/28/16 16:29	
trans-1,3-Dichloropropene	580 U	580	24	86	12/28/16 16:29	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	51 - 136	12/28/16 16:29	
Dibromofluoromethane	90	63 - 138	12/28/16 16:29	
Toluene-d8	103	66 - 138	12/28/16 16:29	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000611-14-3	Benzene, 1-ethyl-2-methyl-	11.34	2900	JN
000108-67-8	Benzene, 1,3,5-trimethyl-	11.41	1500	JN
000622-96-8	Benzene, 1-ethyl-4-methyl-	11.57	1900	JN
000095-63-6	Benzene, 1,2,4-trimethyl-	11.71	5600	JN
	unknown	12.22	1900	J
	unknown	12.24	1700	J
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	12.51	1500	JN
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	12.54	1300	JN
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	12.60	2700	JN
	unknown	12.69	1600	J
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	12.91	2100	JN
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	12.95	2700	JN
003333-13-9	Benzene, 1-methyl-4-(2-propenyl)-	13.16	2000	JN
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	13.29	3300	JN
	unknown	13.66	1200	J
000091-20-3	Naphthalene	13.77	1800	JN
	unknown	13.93	2100	J
	unknown	14.22	1500	J
004453-90-1	1,4-Methanonaphthalene, 1,4-dihydr	14.65	2600	JN
000090-12-0	Naphthalene, 1-methyl-	14.79	1200	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:00
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-8	**Units:**	ug/Kg
Lab Code:	R1613284-007	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	550	U	550	81	74.5	12/22/16 17:19	
1,1,2,2-Tetrachloroethane	550	U	550	90	74.5	12/22/16 17:19	
1,1,2-Trichloroethane	550	U	550	81	74.5	12/22/16 17:19	
1,1,2-Trichloro-1,2,2-trifluoroethane	550	U	550	140	74.5	12/22/16 17:19	
1,1-Dichloroethane (1,1-DCA)	550	U	550	140	74.5	12/22/16 17:19	
1,1-Dichloroethene (1,1-DCE)	550	U	550	150	74.5	12/22/16 17:19	
1,2,3-Trichlorobenzene	550	U	550	69	74.5	12/22/16 17:19	
1,2,4-Trichlorobenzene	550	U	550	66	74.5	12/22/16 17:19	
1,2-Dibromo-3-chloropropane (DBCP)	550	U	550	210	74.5	12/22/16 17:19	
1,2-Dibromoethane	550	U	550	140	74.5	12/22/16 17:19	
1,2-Dichlorobenzene	550	U	550	68	74.5	12/22/16 17:19	
1,2-Dichloroethane	550	U	550	68	74.5	12/22/16 17:19	
1,2-Dichloropropane	550	U	550	110	74.5	12/22/16 17:19	
1,3-Dichlorobenzene	550	U	550	70	74.5	12/22/16 17:19	
1,4-Dichlorobenzene	**120**	**J**	550	62	74.5	12/22/16 17:19	
1,4-Dioxane	11000	U	11000	2200	74.5	12/22/16 17:19	
2-Butanone (MEK)	**270**	**J**	550	260	74.5	12/22/16 17:19	
2-Hexanone	550	U	550	140	74.5	12/22/16 17:19	
4-Methyl-2-pentanone	**180**	**J**	550	110	74.5	12/22/16 17:19	
Acetone	550	U	550	320	74.5	12/22/16 17:19	
Benzene	**110**	**J**	550	33	74.5	12/22/16 17:19	
Bromochloromethane	550	U	550	160	74.5	12/22/16 17:19	
Bromodichloromethane	550	U	550	68	74.5	12/22/16 17:19	
Bromoform	550	U	550	110	74.5	12/22/16 17:19	
Bromomethane	550	U	550	160	74.5	12/22/16 17:19	
Carbon Disulfide	550	U	550	140	74.5	12/22/16 17:19	
Carbon Tetrachloride	550	U	550	110	74.5	12/22/16 17:19	
Chlorobenzene	**36**	**J**	550	33	74.5	12/22/16 17:19	
Chloroethane	550	U	550	320	74.5	12/22/16 17:19	
Chloroform	550	U	550	140	74.5	12/22/16 17:19	
Chloromethane	**60**	**BJ**	550	45	74.5	12/22/16 17:19	
Cyclohexane	550	U	550	160	74.5	12/22/16 17:19	
Dibromochloromethane	550	U	550	81	74.5	12/22/16 17:19	
Dichlorodifluoromethane (CFC 12)	550	U	550	210	74.5	12/22/16 17:19	
Dichloromethane	550	U	550	63	74.5	12/22/16 17:19	
Ethylbenzene	**2600**		550	26	74.5	12/22/16 17:19	
Isopropylbenzene (Cumene)	**580**		550	74	74.5	12/22/16 17:19	
Methyl Acetate	**230**	**J**	550	200	74.5	12/22/16 17:19	
Methyl tert-Butyl Ether	550	U	550	110	74.5	12/22/16 17:19	
Methylcyclohexane	550	U	550	140	74.5	12/22/16 17:19	
Styrene	**870**		550	34	74.5	12/22/16 17:19	
Tetrachloroethene (PCE)	550	U	550	98	74.5	12/22/16 17:19	
Toluene	**370**	**J**	550	120	74.5	12/22/16 17:19	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:00
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-8	**Units:**	ug/Kg
Lab Code:	R1613284-007	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	550 U	550	120	74.5	12/22/16 17:19	
Trichlorofluoromethane (CFC 11)	550 U	550	73	74.5	12/22/16 17:19	
Vinyl Chloride	550 U	550	210	74.5	12/22/16 17:19	
cis-1,2-Dichloroethene	550 U	550	110	74.5	12/22/16 17:19	
cis-1,3-Dichloropropene	550 U	550	100	74.5	12/22/16 17:19	
m,p-Xylenes	**2000**	1100	130	74.5	12/22/16 17:19	
o-Xylene	**1700**	550	53	74.5	12/22/16 17:19	
trans-1,2-Dichloroethene	550 U	550	95	74.5	12/22/16 17:19	
trans-1,3-Dichloropropene	550 U	550	23	74.5	12/22/16 17:19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	109	51 - 136	12/22/16 17:19	
Dibromofluoromethane	87	63 - 138	12/22/16 17:19	
Toluene-d8	103	66 - 138	12/22/16 17:19	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	11.26	610	J
000620-14-4	Benzene, 1-ethyl-3-methyl-	11.33	1700	JN
000108-67-8	Benzene, 1,3,5-trimethyl-	11.41	1400	JN
000611-14-3	Benzene, 1-ethyl-2-methyl-	11.57	1200	JN
000095-36-3	1,2,4-Trimethylbenzene	11.71	2700	JN
000873-49-4	Benzene, cyclopropyl-	12.22	970	JN
001074-43-7	Benzene, 1-methyl-3-propyl-	12.24	840	JN
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	12.51	710	JN
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	12.54	590	JN
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	12.60	1300	JN
	unknown	12.69	720	J
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	12.91	1100	JN
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	12.95	1200	JN
003333-13-9	Benzene, 1-methyl-4-(2-propenyl)-	13.16	780	JN
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	13.29	1500	JN
000091-20-3	Naphthalene	13.78	960	JN
	unknown	13.93	910	J
	unknown	14.22	700	J
000091-57-6	Naphthalene, 2-methyl-	14.65	900	JN

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:30
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-19	**Units:**	ug/Kg
Lab Code:	R1613284-008	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	4.1	U	4.1	0.61	.7	12/20/16 19:13	
1,1,2,2-Tetrachloroethane	4.1	U	4.1	0.67	.7	12/20/16 19:13	
1,1,2-Trichloroethane	4.1	U	4.1	0.61	.7	12/20/16 19:13	
1,1,2-Trichloro-1,2,2-trifluoroethane	4.1	U	4.1	1.1	.7	12/20/16 19:13	
1,1-Dichloroethane (1,1-DCA)	4.1	U	4.1	1.1	.7	12/20/16 19:13	
1,1-Dichloroethene (1,1-DCE)	4.1	U	4.1	1.1	.7	12/20/16 19:13	
1,2,3-Trichlorobenzene	4.1	U	4.1	0.52	.7	12/20/16 19:13	
1,2,4-Trichlorobenzene	4.1	U	4.1	0.49	.7	12/20/16 19:13	
1,2-Dibromo-3-chloropropane (DBCP)	4.1	U	4.1	1.6	.7	12/20/16 19:13	
1,2-Dibromoethane	4.1	U	4.1	1.0	.7	12/20/16 19:13	
1,2-Dichlorobenzene	4.1	U	4.1	0.51	.7	12/20/16 19:13	
1,2-Dichloroethane	4.1	U	4.1	0.51	.7	12/20/16 19:13	
1,2-Dichloropropane	4.1	U	4.1	0.81	.7	12/20/16 19:13	
1,3-Dichlorobenzene	4.1	U	4.1	0.53	.7	12/20/16 19:13	
1,4-Dichlorobenzene	4.1	U	4.1	0.47	.7	12/20/16 19:13	
1,4-Dioxane	83	U	83	16	.7	12/20/16 19:13	
2-Butanone (MEK)	**4.4**		4.1	1.9	.7	12/20/16 19:13	
2-Hexanone	4.1	U	4.1	1.0	.7	12/20/16 19:13	
4-Methyl-2-pentanone	4.1	U	4.1	0.81	.7	12/20/16 19:13	
Acetone	**36**		4.1	2.4	.7	12/20/16 19:13	
Benzene	4.1	U	4.1	0.24	.7	12/20/16 19:13	
Bromochloromethane	4.1	U	4.1	1.2	.7	12/20/16 19:13	
Bromodichloromethane	4.1	U	4.1	0.51	.7	12/20/16 19:13	
Bromoform	4.1	U	4.1	0.77	.7	12/20/16 19:13	
Bromomethane	4.1	U	4.1	1.2	.7	12/20/16 19:13	
Carbon Disulfide	4.1	U	4.1	1.1	.7	12/20/16 19:13	
Carbon Tetrachloride	4.1	U	4.1	0.76	.7	12/20/16 19:13	
Chlorobenzene	4.1	U	4.1	0.24	.7	12/20/16 19:13	
Chloroethane	4.1	U	4.1	2.4	.7	12/20/16 19:13	
Chloroform	4.1	U	4.1	1.1	.7	12/20/16 19:13	
Chloromethane	4.1	U	4.1	0.34	.7	12/20/16 19:13	
Cyclohexane	4.1	U	4.1	1.2	.7	12/20/16 19:13	
Dibromochloromethane	4.1	U	4.1	0.61	.7	12/20/16 19:13	
Dichlorodifluoromethane (CFC 12)	4.1	U	4.1	1.6	.7	12/20/16 19:13	
Dichloromethane	4.1	U	4.1	0.48	.7	12/20/16 19:13	
Ethylbenzene	**0.24**	**J**	4.1	0.19	.7	12/20/16 19:13	
Isopropylbenzene (Cumene)	4.1	U	4.1	0.56	.7	12/20/16 19:13	
Methyl Acetate	**1.7**	**J**	4.1	1.5	.7	12/20/16 19:13	
Methyl tert-Butyl Ether	**0.97**	**J**	4.1	0.78	.7	12/20/16 19:13	
Methylcyclohexane	4.1	U	4.1	1.0	.7	12/20/16 19:13	
Styrene	4.1	U	4.1	0.25	.7	12/20/16 19:13	
Tetrachloroethene (PCE)	4.1	U	4.1	0.73	.7	12/20/16 19:13	
Toluene	4.1	U	4.1	0.83	.7	12/20/16 19:13	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:30
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-19	**Units:**	ug/Kg
Lab Code:	R1613284-008	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	4.1 U	4.1	0.84	.7	12/20/16 19:13	
Trichlorofluoromethane (CFC 11)	4.1 U	4.1	0.55	.7	12/20/16 19:13	
Vinyl Chloride	4.1 U	4.1	1.6	.7	12/20/16 19:13	
cis-1,2-Dichloroethene	4.1 U	4.1	0.79	.7	12/20/16 19:13	
cis-1,3-Dichloropropene	4.1 U	4.1	0.75	.7	12/20/16 19:13	
m,p-Xylenes	8.3 U	8.3	0.90	.7	12/20/16 19:13	
o-Xylene	4.1 U	4.1	0.40	.7	12/20/16 19:13	
trans-1,2-Dichloroethene	4.1 U	4.1	0.71	.7	12/20/16 19:13	
trans-1,3-Dichloropropene	4.1 U	4.1	0.17	.7	12/20/16 19:13	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	110	51 - 136	12/20/16 19:13	
Dibromofluoromethane	101	63 - 138	12/20/16 19:13	
Toluene-d8	107	66 - 138	12/20/16 19:13	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	15.80	5.4	J
	unknown	3.45	7.8	J

Semivolatile Organic Compounds by GC/MS

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-14	**Units:**	ug/Kg
Lab Code:	R1613284-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	39000	U	39000	9400	20	12/29/16 15:57	12/19/16	
2,3,4,6-Tetrachlorophenol	39000	U	39000	11000	20	12/29/16 15:57	12/19/16	
2,4,5-Trichlorophenol	39000	U	39000	7100	20	12/29/16 15:57	12/19/16	
2,4,6-Trichlorophenol	39000	U	39000	4600	20	12/29/16 15:57	12/19/16	
2,4-Dichlorophenol	39000	U	39000	6900	20	12/29/16 15:57	12/19/16	
2,4-Dimethylphenol	39000	U	39000	7200	20	12/29/16 15:57	12/19/16	
2,4-Dinitrophenol	200000	U	200000	30000	20	12/29/16 15:57	12/19/16	
2,4-Dinitrotoluene	39000	U	39000	7500	20	12/29/16 15:57	12/19/16	
2,6-Dinitrotoluene	39000	U	39000	9800	20	12/29/16 15:57	12/19/16	
2-Chloronaphthalene	39000	U	39000	6200	20	12/29/16 15:57	12/19/16	
2-Chlorophenol	39000	U	39000	5100	20	12/29/16 15:57	12/19/16	
2-Methylnaphthalene	39000	U	39000	6400	20	12/29/16 15:57	12/19/16	
2-Methylphenol	39000	U	39000	8200	20	12/29/16 15:57	12/19/16	
2-Nitroaniline	200000	U	200000	26000	20	12/29/16 15:57	12/19/16	
2-Nitrophenol	39000	U	39000	5500	20	12/29/16 15:57	12/19/16	
3,3'-Dichlorobenzidine	39000	U	39000	7700	20	12/29/16 15:57	12/19/16	
3- and 4-Methylphenol Coelution	39000	U	39000	15000	20	12/29/16 15:57	12/19/16	
3-Nitroaniline	200000	U	200000	40000	20	12/29/16 15:57	12/19/16	
4,6-Dinitro-2-methylphenol	200000	U	200000	41000	20	12/29/16 15:57	12/19/16	
4-Bromophenyl Phenyl Ether	39000	U	39000	7500	20	12/29/16 15:57	12/19/16	
4-Chloro-3-methylphenol	39000	U	39000	6200	20	12/29/16 15:57	12/19/16	
4-Chloroaniline	39000	U	39000	7600	20	12/29/16 15:57	12/19/16	
4-Chlorophenyl Phenyl Ether	39000	U	39000	6900	20	12/29/16 15:57	12/19/16	
4-Nitroaniline	200000	U	200000	29000	20	12/29/16 15:57	12/19/16	
4-Nitrophenol	200000	U	200000	25000	20	12/29/16 15:57	12/19/16	
Acenaphthene	39000	U	39000	6600	20	12/29/16 15:57	12/19/16	
Acenaphthylene	39000	U	39000	6600	20	12/29/16 15:57	12/19/16	
Acetophenone	39000	U	39000	12000	20	12/29/16 15:57	12/19/16	
Anthracene	39000	U	39000	7300	20	12/29/16 15:57	12/19/16	
Atrazine	39000	U	39000	22000	20	12/29/16 15:57	12/19/16	
Benz(a)anthracene	39000	U	39000	5800	20	12/29/16 15:57	12/19/16	
Benzaldehyde	200000	U	200000	16000	20	12/29/16 15:57	12/19/16	
Benzo(a)pyrene	39000	U	39000	6800	20	12/29/16 15:57	12/19/16	
Benzo(b)fluoranthene	39000	U	39000	5900	20	12/29/16 15:57	12/19/16	
Benzo(g,h,i)perylene	39000	U	39000	6300	20	12/29/16 15:57	12/19/16	
Benzo(k)fluoranthene	39000	U	39000	6600	20	12/29/16 15:57	12/19/16	
Biphenyl	39000	U	39000	8000	20	12/29/16 15:57	12/19/16	
2,2'-Oxybis(1-chloropropane)	39000	U	39000	7000	20	12/29/16 15:57	12/19/16	
Bis(2-chloroethoxy)methane	39000	U	39000	4600	20	12/29/16 15:57	12/19/16	
Bis(2-chloroethyl) Ether	39000	U	39000	7200	20	12/29/16 15:57	12/19/16	
Bis(2-ethylhexyl) Phthalate	**330000**		39000	5800	20	12/29/16 15:57	12/19/16	
Butyl Benzyl Phthalate	**12000**	**J**	39000	7700	20	12/29/16 15:57	12/19/16	
Caprolactam	39000	U	39000	9500	20	12/29/16 15:57	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-14	**Units:**	ug/Kg
Lab Code:	R1613284-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	39000 U	39000	6800	20	12/29/16 15:57	12/19/16	
Chrysene	39000 U	39000	6100	20	12/29/16 15:57	12/19/16	
Di-n-butyl Phthalate	39000 U	39000	9500	20	12/29/16 15:57	12/19/16	
Di-n-octyl Phthalate	**62000**	39000	7400	20	12/29/16 15:57	12/19/16	
Dibenz(a,h)anthracene	39000 U	39000	5900	20	12/29/16 15:57	12/19/16	
Dibenzofuran	39000 U	39000	6800	20	12/29/16 15:57	12/19/16	
Diethyl Phthalate	39000 U	39000	7600	20	12/29/16 15:57	12/19/16	
Dimethyl Phthalate	39000 U	39000	7200	20	12/29/16 15:57	12/19/16	
Fluoranthene	39000 U	39000	8100	20	12/29/16 15:57	12/19/16	
Fluorene	39000 U	39000	6300	20	12/29/16 15:57	12/19/16	
Hexachlorobenzene	39000 U	39000	7200	20	12/29/16 15:57	12/19/16	
Hexachlorobutadiene	39000 U	39000	4300	20	12/29/16 15:57	12/19/16	
Hexachlorocyclopentadiene	39000 U	39000	8700	20	12/29/16 15:57	12/19/16	
Hexachloroethane	39000 U	39000	5200	20	12/29/16 15:57	12/19/16	
Indeno(1,2,3-cd)pyrene	39000 U	39000	6500	20	12/29/16 15:57	12/19/16	
Isophorone	39000 U	39000	6200	20	12/29/16 15:57	12/19/16	
N-Nitrosodi-n-propylamine	39000 U	39000	8900	20	12/29/16 15:57	12/19/16	
N-Nitrosodiphenylamine	39000 U	39000	6800	20	12/29/16 15:57	12/19/16	
Naphthalene	39000 U	39000	5600	20	12/29/16 15:57	12/19/16	
Nitrobenzene	39000 U	39000	5900	20	12/29/16 15:57	12/19/16	
Pentachlorophenol (PCP)	200000 U	200000	32000	20	12/29/16 15:57	12/19/16	
Phenanthrene	39000 U	39000	8200	20	12/29/16 15:57	12/19/16	
Phenol	39000 U	39000	14000	20	12/29/16 15:57	12/19/16	
Pyrene	39000 U	39000	8400	20	12/29/16 15:57	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/29/16 15:57	D
2-Fluorobiphenyl	0 *	10 - 102	12/29/16 15:57	D
2-Fluorophenol	0 *	16 - 129	12/29/16 15:57	D
Nitrobenzene-d5	0 *	10 - 95	12/29/16 15:57	D
Phenol-d6	0 *	10 - 145	12/29/16 15:57	D
Terphenyl-d14	0 *	16 - 126	12/29/16 15:57	D

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	14.96	16000	J
	unknown	3.29	98000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-8	**Units:**	ug/Kg
Lab Code:	R1613284-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	100000 U	100000	25000	50	12/29/16 13:07	12/19/16	
2,3,4,6-Tetrachlorophenol	100000 U	100000	27000	50	12/29/16 13:07	12/19/16	
2,4,5-Trichlorophenol	100000 U	100000	19000	50	12/29/16 13:07	12/19/16	
2,4,6-Trichlorophenol	100000 U	100000	13000	50	12/29/16 13:07	12/19/16	
2,4-Dichlorophenol	100000 U	100000	18000	50	12/29/16 13:07	12/19/16	
2,4-Dimethylphenol	100000 U	100000	19000	50	12/29/16 13:07	12/19/16	
2,4-Dinitrophenol	530000 U	530000	79000	50	12/29/16 13:07	12/19/16	
2,4-Dinitrotoluene	100000 U	100000	20000	50	12/29/16 13:07	12/19/16	
2,6-Dinitrotoluene	100000 U	100000	26000	50	12/29/16 13:07	12/19/16	
2-Chloronaphthalene	100000 U	100000	17000	50	12/29/16 13:07	12/19/16	
2-Chlorophenol	100000 U	100000	14000	50	12/29/16 13:07	12/19/16	
2-Methylnaphthalene	100000 U	100000	17000	50	12/29/16 13:07	12/19/16	
2-Methylphenol	100000 U	100000	22000	50	12/29/16 13:07	12/19/16	
2-Nitroaniline	530000 U	530000	68000	50	12/29/16 13:07	12/19/16	
2-Nitrophenol	100000 U	100000	15000	50	12/29/16 13:07	12/19/16	
3,3'-Dichlorobenzidine	100000 U	100000	20000	50	12/29/16 13:07	12/19/16	
3- and 4-Methylphenol Coelution	100000 U	100000	39000	50	12/29/16 13:07	12/19/16	
3-Nitroaniline	530000 U	530000	110000	50	12/29/16 13:07	12/19/16	
4,6-Dinitro-2-methylphenol	530000 U	530000	110000	50	12/29/16 13:07	12/19/16	
4-Bromophenyl Phenyl Ether	100000 U	100000	20000	50	12/29/16 13:07	12/19/16	
4-Chloro-3-methylphenol	100000 U	100000	17000	50	12/29/16 13:07	12/19/16	
4-Chloroaniline	100000 U	100000	20000	50	12/29/16 13:07	12/19/16	
4-Chlorophenyl Phenyl Ether	100000 U	100000	19000	50	12/29/16 13:07	12/19/16	
4-Nitroaniline	530000 U	530000	77000	50	12/29/16 13:07	12/19/16	
4-Nitrophenol	530000 U	530000	65000	50	12/29/16 13:07	12/19/16	
Acenaphthene	100000 U	100000	18000	50	12/29/16 13:07	12/19/16	
Acenaphthylene	100000 U	100000	18000	50	12/29/16 13:07	12/19/16	
Acetophenone	100000 U	100000	30000	50	12/29/16 13:07	12/19/16	
Anthracene	100000 U	100000	20000	50	12/29/16 13:07	12/19/16	
Atrazine	100000 U	100000	57000	50	12/29/16 13:07	12/19/16	
Benz(a)anthracene	100000 U	100000	16000	50	12/29/16 13:07	12/19/16	
Benzaldehyde	530000 U	530000	41000	50	12/29/16 13:07	12/19/16	
Benzo(a)pyrene	100000 U	100000	18000	50	12/29/16 13:07	12/19/16	
Benzo(b)fluoranthene	100000 U	100000	16000	50	12/29/16 13:07	12/19/16	
Benzo(g,h,i)perylene	100000 U	100000	17000	50	12/29/16 13:07	12/19/16	
Benzo(k)fluoranthene	100000 U	100000	18000	50	12/29/16 13:07	12/19/16	
Biphenyl	100000 U	100000	21000	50	12/29/16 13:07	12/19/16	
2,2'-Oxybis(1-chloropropane)	100000 U	100000	19000	50	12/29/16 13:07	12/19/16	
Bis(2-chloroethoxy)methane	100000 U	100000	12000	50	12/29/16 13:07	12/19/16	
Bis(2-chloroethyl) Ether	100000 U	100000	19000	50	12/29/16 13:07	12/19/16	
Bis(2-ethylhexyl) Phthalate	**1400000**	100000	16000	50	12/29/16 13:07	12/19/16	
Butyl Benzyl Phthalate	**77000 J**	100000	21000	50	12/29/16 13:07	12/19/16	
Caprolactam	100000 U	100000	25000	50	12/29/16 13:07	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-8	**Units:**	ug/Kg
Lab Code:	R1613284-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	100000 U	100000	18000	50	12/29/16 13:07	12/19/16	
Chrysene	100000 U	100000	16000	50	12/29/16 13:07	12/19/16	
Di-n-butyl Phthalate	100000 U	100000	25000	50	12/29/16 13:07	12/19/16	
Di-n-octyl Phthalate	**360000**	100000	20000	50	12/29/16 13:07	12/19/16	
Dibenz(a,h)anthracene	100000 U	100000	16000	50	12/29/16 13:07	12/19/16	
Dibenzofuran	100000 U	100000	18000	50	12/29/16 13:07	12/19/16	
Diethyl Phthalate	100000 U	100000	20000	50	12/29/16 13:07	12/19/16	
Dimethyl Phthalate	100000 U	100000	19000	50	12/29/16 13:07	12/19/16	
Fluoranthene	100000 U	100000	22000	50	12/29/16 13:07	12/19/16	
Fluorene	100000 U	100000	17000	50	12/29/16 13:07	12/19/16	
Hexachlorobenzene	100000 U	100000	19000	50	12/29/16 13:07	12/19/16	
Hexachlorobutadiene	100000 U	100000	12000	50	12/29/16 13:07	12/19/16	
Hexachlorocyclopentadiene	100000 U	100000	23000	50	12/29/16 13:07	12/19/16	
Hexachloroethane	100000 U	100000	14000	50	12/29/16 13:07	12/19/16	
Indeno(1,2,3-cd)pyrene	100000 U	100000	17000	50	12/29/16 13:07	12/19/16	
Isophorone	100000 U	100000	17000	50	12/29/16 13:07	12/19/16	
N-Nitrosodi-n-propylamine	100000 U	100000	24000	50	12/29/16 13:07	12/19/16	
N-Nitrosodiphenylamine	100000 U	100000	18000	50	12/29/16 13:07	12/19/16	
Naphthalene	100000 U	100000	15000	50	12/29/16 13:07	12/19/16	
Nitrobenzene	100000 U	100000	16000	50	12/29/16 13:07	12/19/16	
Pentachlorophenol (PCP)	530000 U	530000	84000	50	12/29/16 13:07	12/19/16	
Phenanthrene	100000 U	100000	22000	50	12/29/16 13:07	12/19/16	
Phenol	100000 U	100000	37000	50	12/29/16 13:07	12/19/16	
Pyrene	100000 U	100000	22000	50	12/29/16 13:07	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/29/16 13:07	D
2-Fluorobiphenyl	0 *	10 - 102	12/29/16 13:07	D
2-Fluorophenol	0 *	16 - 129	12/29/16 13:07	D
Nitrobenzene-d5	0 *	10 - 95	12/29/16 13:07	D
Phenol-d6	0 *	10 - 145	12/29/16 13:07	D
Terphenyl-d14	0 *	16 - 126	12/29/16 13:07	D

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	11.21	45000	J
1000315-17-7	Phthalic acid, 6-ethyl-3-octyl hep	16.45	110000	JN
	unknown	3.29	51000	J
	unknown	6.83	71000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 12:05
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-18	**Units:**	ug/Kg
Lab Code:	R1613284-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	380 U	380	90	1	12/22/16 18:29	12/19/16	
2,3,4,6-Tetrachlorophenol	380 U	380	98	1	12/22/16 18:29	12/19/16	
2,4,5-Trichlorophenol	380 U	380	68	1	12/22/16 18:29	12/19/16	
2,4,6-Trichlorophenol	380 U	380	45	1	12/22/16 18:29	12/19/16	
2,4-Dichlorophenol	380 U	380	66	1	12/22/16 18:29	12/19/16	
2,4-Dimethylphenol	380 U	380	70	1	12/22/16 18:29	12/19/16	
2,4-Dinitrophenol	1900 U	1900	290	1	12/22/16 18:29	12/19/16	
2,4-Dinitrotoluene	380 U	380	72	1	12/22/16 18:29	12/19/16	
2,6-Dinitrotoluene	380 U	380	95	1	12/22/16 18:29	12/19/16	
2-Chloronaphthalene	380 U	380	59	1	12/22/16 18:29	12/19/16	
2-Chlorophenol	380 U	380	50	1	12/22/16 18:29	12/19/16	
2-Methylnaphthalene	380 U	380	62	1	12/22/16 18:29	12/19/16	
2-Methylphenol	380 U	380	79	1	12/22/16 18:29	12/19/16	
2-Nitroaniline	1900 U	1900	250	1	12/22/16 18:29	12/19/16	
2-Nitrophenol	380 U	380	53	1	12/22/16 18:29	12/19/16	
3,3'-Dichlorobenzidine	380 U	380	74	1	12/22/16 18:29	12/19/16	
3- and 4-Methylphenol Coelution	380 U	380	150	1	12/22/16 18:29	12/19/16	
3-Nitroaniline	1900 U	1900	380	1	12/22/16 18:29	12/19/16	
4,6-Dinitro-2-methylphenol	1900 U	1900	390	1	12/22/16 18:29	12/19/16	
4-Bromophenyl Phenyl Ether	380 U	380	72	1	12/22/16 18:29	12/19/16	
4-Chloro-3-methylphenol	380 U	380	60	1	12/22/16 18:29	12/19/16	
4-Chloroaniline	380 U	380	73	1	12/22/16 18:29	12/19/16	
4-Chlorophenyl Phenyl Ether	380 U	380	67	1	12/22/16 18:29	12/19/16	
4-Nitroaniline	1900 U	1900	280	1	12/22/16 18:29	12/19/16	
4-Nitrophenol	1900 U	1900	240	1	12/22/16 18:29	12/19/16	
Acenaphthene	380 U	380	64	1	12/22/16 18:29	12/19/16	
Acenaphthylene	380 U	380	63	1	12/22/16 18:29	12/19/16	
Acetophenone	380 U	380	110	1	12/22/16 18:29	12/19/16	
Anthracene	380 U	380	70	1	12/22/16 18:29	12/19/16	
Atrazine	380 U	380	210	1	12/22/16 18:29	12/19/16	
Benz(a)anthracene	380 U	380	56	1	12/22/16 18:29	12/19/16	
Benzaldehyde	1900 U	1900	150	1	12/22/16 18:29	12/19/16	
Benzo(a)pyrene	380 U	380	65	1	12/22/16 18:29	12/19/16	
Benzo(b)fluoranthene	380 U	380	57	1	12/22/16 18:29	12/19/16	
Benzo(g,h,i)perylene	380 U	380	61	1	12/22/16 18:29	12/19/16	
Benzo(k)fluoranthene	380 U	380	63	1	12/22/16 18:29	12/19/16	
Biphenyl	380 U	380	77	1	12/22/16 18:29	12/19/16	
2,2'-Oxybis(1-chloropropane)	380 U	380	67	1	12/22/16 18:29	12/19/16	
Bis(2-chloroethoxy)methane	380 U	380	44	1	12/22/16 18:29	12/19/16	
Bis(2-chloroethyl) Ether	380 U	380	70	1	12/22/16 18:29	12/19/16	
Bis(2-ethylhexyl) Phthalate	**290 J**	380	56	1	12/22/16 18:29	12/19/16	
Butyl Benzyl Phthalate	380 U	380	74	1	12/22/16 18:29	12/19/16	
Caprolactam	380 U	380	92	1	12/22/16 18:29	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 12:05
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-18	**Units:**	ug/Kg
Lab Code:	R1613284-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	380 U	380	65	1	12/22/16 18:29	12/19/16	
Chrysene	380 U	380	59	1	12/22/16 18:29	12/19/16	
Di-n-butyl Phthalate	380 U	380	92	1	12/22/16 18:29	12/19/16	
Di-n-octyl Phthalate	**130 J**	380	72	1	12/22/16 18:29	12/19/16	
Dibenz(a,h)anthracene	380 U	380	57	1	12/22/16 18:29	12/19/16	
Dibenzofuran	380 U	380	65	1	12/22/16 18:29	12/19/16	
Diethyl Phthalate	380 U	380	73	1	12/22/16 18:29	12/19/16	
Dimethyl Phthalate	380 U	380	69	1	12/22/16 18:29	12/19/16	
Fluoranthene	380 U	380	78	1	12/22/16 18:29	12/19/16	
Fluorene	380 U	380	61	1	12/22/16 18:29	12/19/16	
Hexachlorobenzene	380 U	380	70	1	12/22/16 18:29	12/19/16	
Hexachlorobutadiene	380 U	380	42	1	12/22/16 18:29	12/19/16	
Hexachlorocyclopentadiene	380 U	380	83	1	12/22/16 18:29	12/19/16	
Hexachloroethane	380 U	380	50	1	12/22/16 18:29	12/19/16	
Indeno(1,2,3-cd)pyrene	380 U	380	63	1	12/22/16 18:29	12/19/16	
Isophorone	380 U	380	59	1	12/22/16 18:29	12/19/16	
N-Nitrosodi-n-propylamine	380 U	380	86	1	12/22/16 18:29	12/19/16	
N-Nitrosodiphenylamine	380 U	380	65	1	12/22/16 18:29	12/19/16	
Naphthalene	380 U	380	54	1	12/22/16 18:29	12/19/16	
Nitrobenzene	380 U	380	57	1	12/22/16 18:29	12/19/16	
Pentachlorophenol (PCP)	1900 U	1900	310	1	12/22/16 18:29	12/19/16	
Phenanthrene	380 U	380	79	1	12/22/16 18:29	12/19/16	
Phenol	380 U	380	140	1	12/22/16 18:29	12/19/16	
Pyrene	380 U	380	80	1	12/22/16 18:29	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	52	13 - 128	12/22/16 18:29	
2-Fluorobiphenyl	43	10 - 102	12/22/16 18:29	
2-Fluorophenol	41	16 - 129	12/22/16 18:29	
Nitrobenzene-d5	41	10 - 95	12/22/16 18:29	
Phenol-d6	47	10 - 145	12/22/16 18:29	
Terphenyl-d14	63	16 - 126	12/22/16 18:29	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	3.12	540	J
	unknown	3.34	42000	J
	unknown	3.88	160	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-12	**Units:**	ug/Kg
Lab Code:	R1613284-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	21000 U	21000	5100	10	12/29/16 13:36	12/19/16	
2,3,4,6-Tetrachlorophenol	21000 U	21000	5600	10	12/29/16 13:36	12/19/16	
2,4,5-Trichlorophenol	21000 U	21000	3900	10	12/29/16 13:36	12/19/16	
2,4,6-Trichlorophenol	21000 U	21000	2600	10	12/29/16 13:36	12/19/16	
2,4-Dichlorophenol	21000 U	21000	3800	10	12/29/16 13:36	12/19/16	
2,4-Dimethylphenol	21000 U	21000	4000	10	12/29/16 13:36	12/19/16	
2,4-Dinitrophenol	110000 U	110000	17000	10	12/29/16 13:36	12/19/16	
2,4-Dinitrotoluene	21000 U	21000	4100	10	12/29/16 13:36	12/19/16	
2,6-Dinitrotoluene	21000 U	21000	5400	10	12/29/16 13:36	12/19/16	
2-Chloronaphthalene	21000 U	21000	3400	10	12/29/16 13:36	12/19/16	
2-Chlorophenol	21000 U	21000	2800	10	12/29/16 13:36	12/19/16	
2-Methylnaphthalene	21000 U	21000	3500	10	12/29/16 13:36	12/19/16	
2-Methylphenol	21000 U	21000	4500	10	12/29/16 13:36	12/19/16	
2-Nitroaniline	110000 U	110000	14000	10	12/29/16 13:36	12/19/16	
2-Nitrophenol	21000 U	21000	3000	10	12/29/16 13:36	12/19/16	
3,3'-Dichlorobenzidine	21000 U	21000	4200	10	12/29/16 13:36	12/19/16	
3- and 4-Methylphenol Coelution	21000 U	21000	8000	10	12/29/16 13:36	12/19/16	
3-Nitroaniline	110000 U	110000	22000	10	12/29/16 13:36	12/19/16	
4,6-Dinitro-2-methylphenol	110000 U	110000	22000	10	12/29/16 13:36	12/19/16	
4-Bromophenyl Phenyl Ether	21000 U	21000	4100	10	12/29/16 13:36	12/19/16	
4-Chloro-3-methylphenol	21000 U	21000	3400	10	12/29/16 13:36	12/19/16	
4-Chloroaniline	21000 U	21000	4200	10	12/29/16 13:36	12/19/16	
4-Chlorophenyl Phenyl Ether	21000 U	21000	3800	10	12/29/16 13:36	12/19/16	
4-Nitroaniline	110000 U	110000	16000	10	12/29/16 13:36	12/19/16	
4-Nitrophenol	110000 U	110000	14000	10	12/29/16 13:36	12/19/16	
Acenaphthene	21000 U	21000	3600	10	12/29/16 13:36	12/19/16	
Acenaphthylene	21000 U	21000	3600	10	12/29/16 13:36	12/19/16	
Acetophenone	21000 U	21000	6100	10	12/29/16 13:36	12/19/16	
Anthracene	21000 U	21000	4000	10	12/29/16 13:36	12/19/16	
Atrazine	21000 U	21000	12000	10	12/29/16 13:36	12/19/16	
Benz(a)anthracene	21000 U	21000	3200	10	12/29/16 13:36	12/19/16	
Benzaldehyde	110000 U	110000	8400	10	12/29/16 13:36	12/19/16	
Benzo(a)pyrene	21000 U	21000	3700	10	12/29/16 13:36	12/19/16	
Benzo(b)fluoranthene	21000 U	21000	3200	10	12/29/16 13:36	12/19/16	
Benzo(g,h,i)perylene	21000 U	21000	3500	10	12/29/16 13:36	12/19/16	
Benzo(k)fluoranthene	21000 U	21000	3600	10	12/29/16 13:36	12/19/16	
Biphenyl	21000 U	21000	4400	10	12/29/16 13:36	12/19/16	
2,2'-Oxybis(1-chloropropane)	21000 U	21000	3800	10	12/29/16 13:36	12/19/16	
Bis(2-chloroethoxy)methane	21000 U	21000	2500	10	12/29/16 13:36	12/19/16	
Bis(2-chloroethyl) Ether	21000 U	21000	4000	10	12/29/16 13:36	12/19/16	
Bis(2-ethylhexyl) Phthalate	**180000**	21000	3200	10	12/29/16 13:36	12/19/16	
Butyl Benzyl Phthalate	**14000 J**	21000	4200	10	12/29/16 13:36	12/19/16	
Caprolactam	21000 U	21000	5200	10	12/29/16 13:36	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-12	**Units:**	ug/Kg
Lab Code:	R1613284-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	21000 U	21000	3700	10	12/29/16 13:36	12/19/16	
Chrysene	21000 U	21000	3300	10	12/29/16 13:36	12/19/16	
Di-n-butyl Phthalate	21000 U	21000	5200	10	12/29/16 13:36	12/19/16	
Di-n-octyl Phthalate	**23000**	21000	4100	10	12/29/16 13:36	12/19/16	
Dibenz(a,h)anthracene	21000 U	21000	3200	10	12/29/16 13:36	12/19/16	
Dibenzofuran	21000 U	21000	3700	10	12/29/16 13:36	12/19/16	
Diethyl Phthalate	21000 U	21000	4200	10	12/29/16 13:36	12/19/16	
Dimethyl Phthalate	21000 U	21000	3900	10	12/29/16 13:36	12/19/16	
Fluoranthene	21000 U	21000	4500	10	12/29/16 13:36	12/19/16	
Fluorene	21000 U	21000	3500	10	12/29/16 13:36	12/19/16	
Hexachlorobenzene	21000 U	21000	4000	10	12/29/16 13:36	12/19/16	
Hexachlorobutadiene	21000 U	21000	2400	10	12/29/16 13:36	12/19/16	
Hexachlorocyclopentadiene	21000 U	21000	4700	10	12/29/16 13:36	12/19/16	
Hexachloroethane	21000 U	21000	2800	10	12/29/16 13:36	12/19/16	
Indeno(1,2,3-cd)pyrene	21000 U	21000	3600	10	12/29/16 13:36	12/19/16	
Isophorone	21000 U	21000	3400	10	12/29/16 13:36	12/19/16	
N-Nitrosodi-n-propylamine	21000 U	21000	4900	10	12/29/16 13:36	12/19/16	
N-Nitrosodiphenylamine	21000 U	21000	3700	10	12/29/16 13:36	12/19/16	
Naphthalene	21000 U	21000	3100	10	12/29/16 13:36	12/19/16	
Nitrobenzene	21000 U	21000	3300	10	12/29/16 13:36	12/19/16	
Pentachlorophenol (PCP)	110000 U	110000	18000	10	12/29/16 13:36	12/19/16	
Phenanthrene	21000 U	21000	4500	10	12/29/16 13:36	12/19/16	
Phenol	21000 U	21000	7600	10	12/29/16 13:36	12/19/16	
Pyrene	21000 U	21000	4600	10	12/29/16 13:36	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/29/16 13:36	*
2-Fluorobiphenyl	0 *	10 - 102	12/29/16 13:36	*
2-Fluorophenol	0 *	16 - 129	12/29/16 13:36	*
Nitrobenzene-d5	0 *	10 - 95	12/29/16 13:36	*
Phenol-d6	0 *	10 - 145	12/29/16 13:36	*
Terphenyl-d14	0 *	16 - 126	12/29/16 13:36	*

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	10.30	43000	J
	unknown	3.29	43000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:25
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-16	**Units:**	ug/Kg
Lab Code:	R1613284-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	4300	U	4300	1100	10	12/29/16 14:04	12/19/16	
2,3,4,6-Tetrachlorophenol	4300	U	4300	1200	10	12/29/16 14:04	12/19/16	
2,4,5-Trichlorophenol	4300	U	4300	780	10	12/29/16 14:04	12/19/16	
2,4,6-Trichlorophenol	4300	U	4300	510	10	12/29/16 14:04	12/19/16	
2,4-Dichlorophenol	4300	U	4300	760	10	12/29/16 14:04	12/19/16	
2,4-Dimethylphenol	4300	U	4300	800	10	12/29/16 14:04	12/19/16	
2,4-Dinitrophenol	22000	U	22000	3400	10	12/29/16 14:04	12/19/16	
2,4-Dinitrotoluene	4300	U	4300	830	10	12/29/16 14:04	12/19/16	
2,6-Dinitrotoluene	4300	U	4300	1100	10	12/29/16 14:04	12/19/16	
2-Chloronaphthalene	4300	U	4300	680	10	12/29/16 14:04	12/19/16	
2-Chlorophenol	4300	U	4300	570	10	12/29/16 14:04	12/19/16	
2-Methylnaphthalene	4300	U	4300	710	10	12/29/16 14:04	12/19/16	
2-Methylphenol	4300	U	4300	910	10	12/29/16 14:04	12/19/16	
2-Nitroaniline	22000	U	22000	2900	10	12/29/16 14:04	12/19/16	
2-Nitrophenol	4300	U	4300	610	10	12/29/16 14:04	12/19/16	
3,3'-Dichlorobenzidine	4300	U	4300	850	10	12/29/16 14:04	12/19/16	
3- and 4-Methylphenol Coelution	4300	U	4300	1700	10	12/29/16 14:04	12/19/16	
3-Nitroaniline	22000	U	22000	4400	10	12/29/16 14:04	12/19/16	
4,6-Dinitro-2-methylphenol	22000	U	22000	4500	10	12/29/16 14:04	12/19/16	
4-Bromophenyl Phenyl Ether	4300	U	4300	830	10	12/29/16 14:04	12/19/16	
4-Chloro-3-methylphenol	4300	U	4300	690	10	12/29/16 14:04	12/19/16	
4-Chloroaniline	4300	U	4300	850	10	12/29/16 14:04	12/19/16	
4-Chlorophenyl Phenyl Ether	4300	U	4300	770	10	12/29/16 14:04	12/19/16	
4-Nitroaniline	22000	U	22000	3300	10	12/29/16 14:04	12/19/16	
4-Nitrophenol	22000	U	22000	2800	10	12/29/16 14:04	12/19/16	
Acenaphthene	4300	U	4300	740	10	12/29/16 14:04	12/19/16	
Acenaphthylene	4300	U	4300	730	10	12/29/16 14:04	12/19/16	
Acetophenone	4300	U	4300	1300	10	12/29/16 14:04	12/19/16	
Anthracene	4300	U	4300	810	10	12/29/16 14:04	12/19/16	
Atrazine	4300	U	4300	2400	10	12/29/16 14:04	12/19/16	
Benz(a)anthracene	4300	U	4300	650	10	12/29/16 14:04	12/19/16	
Benzaldehyde	22000	U	22000	1800	10	12/29/16 14:04	12/19/16	
Benzo(a)pyrene	4300	U	4300	750	10	12/29/16 14:04	12/19/16	
Benzo(b)fluoranthene	4300	U	4300	650	10	12/29/16 14:04	12/19/16	
Benzo(g,h,i)perylene	4300	U	4300	700	10	12/29/16 14:04	12/19/16	
Benzo(k)fluoranthene	4300	U	4300	730	10	12/29/16 14:04	12/19/16	
Biphenyl	4300	U	4300	880	10	12/29/16 14:04	12/19/16	
2,2'-Oxybis(1-chloropropane)	4300	U	4300	770	10	12/29/16 14:04	12/19/16	
Bis(2-chloroethoxy)methane	4300	U	4300	510	10	12/29/16 14:04	12/19/16	
Bis(2-chloroethyl) Ether	4300	U	4300	800	10	12/29/16 14:04	12/19/16	
Bis(2-ethylhexyl) Phthalate	**48000**		4300	640	10	12/29/16 14:04	12/19/16	
Butyl Benzyl Phthalate	**1600**	**J**	4300	850	10	12/29/16 14:04	12/19/16	
Caprolactam	4300	U	4300	1100	10	12/29/16 14:04	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:25
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-16	**Units:**	ug/Kg
Lab Code:	R1613284-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	4300 U	4300	750	10	12/29/16 14:04	12/19/16	
Chrysene	4300 U	4300	670	10	12/29/16 14:04	12/19/16	
Di-n-butyl Phthalate	4300 U	4300	1100	10	12/29/16 14:04	12/19/16	
Di-n-octyl Phthalate	**7100**	4300	820	10	12/29/16 14:04	12/19/16	
Dibenz(a,h)anthracene	4300 U	4300	650	10	12/29/16 14:04	12/19/16	
Dibenzofuran	4300 U	4300	750	10	12/29/16 14:04	12/19/16	
Diethyl Phthalate	4300 U	4300	850	10	12/29/16 14:04	12/19/16	
Dimethyl Phthalate	4300 U	4300	790	10	12/29/16 14:04	12/19/16	
Fluoranthene	4300 U	4300	900	10	12/29/16 14:04	12/19/16	
Fluorene	4300 U	4300	700	10	12/29/16 14:04	12/19/16	
Hexachlorobenzene	4300 U	4300	800	10	12/29/16 14:04	12/19/16	
Hexachlorobutadiene	4300 U	4300	480	10	12/29/16 14:04	12/19/16	
Hexachlorocyclopentadiene	4300 U	4300	960	10	12/29/16 14:04	12/19/16	
Hexachloroethane	4300 U	4300	570	10	12/29/16 14:04	12/19/16	
Indeno(1,2,3-cd)pyrene	4300 U	4300	720	10	12/29/16 14:04	12/19/16	
Isophorone	4300 U	4300	680	10	12/29/16 14:04	12/19/16	
N-Nitrosodi-n-propylamine	4300 U	4300	990	10	12/29/16 14:04	12/19/16	
N-Nitrosodiphenylamine	4300 U	4300	750	10	12/29/16 14:04	12/19/16	
Naphthalene	4300 U	4300	620	10	12/29/16 14:04	12/19/16	
Nitrobenzene	4300 U	4300	660	10	12/29/16 14:04	12/19/16	
Pentachlorophenol (PCP)	22000 U	22000	3600	10	12/29/16 14:04	12/19/16	
Phenanthrene	4300 U	4300	900	10	12/29/16 14:04	12/19/16	
Phenol	4300 U	4300	1600	10	12/29/16 14:04	12/19/16	
Pyrene	4300 U	4300	920	10	12/29/16 14:04	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	31	13 - 128	12/29/16 14:04	
2-Fluorobiphenyl	30	10 - 102	12/29/16 14:04	
2-Fluorophenol	26	16 - 129	12/29/16 14:04	
Nitrobenzene-d5	28	10 - 95	12/29/16 14:04	
Phenol-d6	29	10 - 145	12/29/16 14:04	
Terphenyl-d14	38	16 - 126	12/29/16 14:04	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000080-05-7	Phenol, 4,4'-(1-methylethylidene)b	10.53	1900	JN
	unknown	12.99	8000	J
1000315-17-7	Phthalic acid, 6-ethyl-3-octyl hep	16.45	2400	JN
	unknown	18.38	4300	J
	unknown	3.29	38000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 09:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-2	**Units:**	ug/Kg
Lab Code:	R1613284-006	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	110000 U	110000	27000	50	12/29/16 14:32	12/19/16	
2,3,4,6-Tetrachlorophenol	110000 U	110000	29000	50	12/29/16 14:32	12/19/16	
2,4,5-Trichlorophenol	110000 U	110000	20000	50	12/29/16 14:32	12/19/16	
2,4,6-Trichlorophenol	110000 U	110000	13000	50	12/29/16 14:32	12/19/16	
2,4-Dichlorophenol	110000 U	110000	20000	50	12/29/16 14:32	12/19/16	
2,4-Dimethylphenol	110000 U	110000	21000	50	12/29/16 14:32	12/19/16	
2,4-Dinitrophenol	570000 U	570000	85000	50	12/29/16 14:32	12/19/16	
2,4-Dinitrotoluene	110000 U	110000	21000	50	12/29/16 14:32	12/19/16	
2,6-Dinitrotoluene	110000 U	110000	28000	50	12/29/16 14:32	12/19/16	
2-Chloronaphthalene	110000 U	110000	18000	50	12/29/16 14:32	12/19/16	
2-Chlorophenol	110000 U	110000	15000	50	12/29/16 14:32	12/19/16	
2-Methylnaphthalene	110000 U	110000	19000	50	12/29/16 14:32	12/19/16	
2-Methylphenol	110000 U	110000	23000	50	12/29/16 14:32	12/19/16	
2-Nitroaniline	570000 U	570000	73000	50	12/29/16 14:32	12/19/16	
2-Nitrophenol	110000 U	110000	16000	50	12/29/16 14:32	12/19/16	
3,3'-Dichlorobenzidine	110000 U	110000	22000	50	12/29/16 14:32	12/19/16	
3- and 4-Methylphenol Coelution	110000 U	110000	42000	50	12/29/16 14:32	12/19/16	
3-Nitroaniline	570000 U	570000	120000	50	12/29/16 14:32	12/19/16	
4,6-Dinitro-2-methylphenol	570000 U	570000	120000	50	12/29/16 14:32	12/19/16	
4-Bromophenyl Phenyl Ether	110000 U	110000	21000	50	12/29/16 14:32	12/19/16	
4-Chloro-3-methylphenol	110000 U	110000	18000	50	12/29/16 14:32	12/19/16	
4-Chloroaniline	110000 U	110000	22000	50	12/29/16 14:32	12/19/16	
4-Chlorophenyl Phenyl Ether	110000 U	110000	20000	50	12/29/16 14:32	12/19/16	
4-Nitroaniline	570000 U	570000	82000	50	12/29/16 14:32	12/19/16	
4-Nitrophenol	570000 U	570000	70000	50	12/29/16 14:32	12/19/16	
Acenaphthene	110000 U	110000	19000	50	12/29/16 14:32	12/19/16	
Acenaphthylene	110000 U	110000	19000	50	12/29/16 14:32	12/19/16	
Acetophenone	110000 U	110000	32000	50	12/29/16 14:32	12/19/16	
Anthracene	110000 U	110000	21000	50	12/29/16 14:32	12/19/16	
Atrazine	110000 U	110000	62000	50	12/29/16 14:32	12/19/16	
Benz(a)anthracene	110000 U	110000	17000	50	12/29/16 14:32	12/19/16	
Benzaldehyde	570000 U	570000	44000	50	12/29/16 14:32	12/19/16	
Benzo(a)pyrene	110000 U	110000	20000	50	12/29/16 14:32	12/19/16	
Benzo(b)fluoranthene	110000 U	110000	17000	50	12/29/16 14:32	12/19/16	
Benzo(g,h,i)perylene	110000 U	110000	18000	50	12/29/16 14:32	12/19/16	
Benzo(k)fluoranthene	110000 U	110000	19000	50	12/29/16 14:32	12/19/16	
Biphenyl	110000 U	110000	23000	50	12/29/16 14:32	12/19/16	
2,2'-Oxybis(1-chloropropane)	110000 U	110000	20000	50	12/29/16 14:32	12/19/16	
Bis(2-chloroethoxy)methane	110000 U	110000	13000	50	12/29/16 14:32	12/19/16	
Bis(2-chloroethyl) Ether	110000 U	110000	21000	50	12/29/16 14:32	12/19/16	
Bis(2-ethylhexyl) Phthalate	**1700000**	110000	17000	50	12/29/16 14:32	12/19/16	
Butyl Benzyl Phthalate	**25000 J**	110000	22000	50	12/29/16 14:32	12/19/16	
Caprolactam	110000 U	110000	27000	50	12/29/16 14:32	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 09:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-2	**Units:**	ug/Kg
Lab Code:	R1613284-006	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	110000 U	110000	19000	50	12/29/16 14:32	12/19/16	
Chrysene	110000 U	110000	18000	50	12/29/16 14:32	12/19/16	
Di-n-butyl Phthalate	110000 U	110000	27000	50	12/29/16 14:32	12/19/16	
Di-n-octyl Phthalate	**340000**	110000	21000	50	12/29/16 14:32	12/19/16	
Dibenz(a,h)anthracene	110000 U	110000	17000	50	12/29/16 14:32	12/19/16	
Dibenzofuran	110000 U	110000	19000	50	12/29/16 14:32	12/19/16	
Diethyl Phthalate	110000 U	110000	22000	50	12/29/16 14:32	12/19/16	
Dimethyl Phthalate	110000 U	110000	21000	50	12/29/16 14:32	12/19/16	
Fluoranthene	110000 U	110000	23000	50	12/29/16 14:32	12/19/16	
Fluorene	110000 U	110000	18000	50	12/29/16 14:32	12/19/16	
Hexachlorobenzene	110000 U	110000	21000	50	12/29/16 14:32	12/19/16	
Hexachlorobutadiene	110000 U	110000	13000	50	12/29/16 14:32	12/19/16	
Hexachlorocyclopentadiene	110000 U	110000	25000	50	12/29/16 14:32	12/19/16	
Hexachloroethane	110000 U	110000	15000	50	12/29/16 14:32	12/19/16	
Indeno(1,2,3-cd)pyrene	110000 U	110000	19000	50	12/29/16 14:32	12/19/16	
Isophorone	110000 U	110000	18000	50	12/29/16 14:32	12/19/16	
N-Nitrosodi-n-propylamine	110000 U	110000	26000	50	12/29/16 14:32	12/19/16	
N-Nitrosodiphenylamine	110000 U	110000	20000	50	12/29/16 14:32	12/19/16	
Naphthalene	110000 U	110000	16000	50	12/29/16 14:32	12/19/16	
Nitrobenzene	110000 U	110000	17000	50	12/29/16 14:32	12/19/16	
Pentachlorophenol (PCP)	570000 U	570000	91000	50	12/29/16 14:32	12/19/16	
Phenanthrene	110000 U	110000	23000	50	12/29/16 14:32	12/19/16	
Phenol	110000 U	110000	39000	50	12/29/16 14:32	12/19/16	
Pyrene	110000 U	110000	24000	50	12/29/16 14:32	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/29/16 14:32	D
2-Fluorobiphenyl	0 *	10 - 102	12/29/16 14:32	D
2-Fluorophenol	0 *	16 - 129	12/29/16 14:32	D
Nitrobenzene-d5	0 *	10 - 95	12/29/16 14:32	D
Phenol-d6	0 *	10 - 145	12/29/16 14:32	D
Terphenyl-d14	0 *	16 - 126	12/29/16 14:32	D

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.99	72000	J
1000315-17-7	Phthalic acid, 6-ethyl-3-octyl hep	16.45	98000	JN
	unknown	3.29	54000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:00
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-8	**Units:**	ug/Kg
Lab Code:	R1613284-007	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	49000	U	49000	12000	20	12/29/16 15:01	12/19/16	
2,3,4,6-Tetrachlorophenol	49000	U	49000	13000	20	12/29/16 15:01	12/19/16	
2,4,5-Trichlorophenol	49000	U	49000	8800	20	12/29/16 15:01	12/19/16	
2,4,6-Trichlorophenol	49000	U	49000	5800	20	12/29/16 15:01	12/19/16	
2,4-Dichlorophenol	49000	U	49000	8600	20	12/29/16 15:01	12/19/16	
2,4-Dimethylphenol	49000	U	49000	9000	20	12/29/16 15:01	12/19/16	
2,4-Dinitrophenol	250000	U	250000	38000	20	12/29/16 15:01	12/19/16	
2,4-Dinitrotoluene	49000	U	49000	9300	20	12/29/16 15:01	12/19/16	
2,6-Dinitrotoluene	49000	U	49000	13000	20	12/29/16 15:01	12/19/16	
2-Chloronaphthalene	49000	U	49000	7700	20	12/29/16 15:01	12/19/16	
2-Chlorophenol	49000	U	49000	6400	20	12/29/16 15:01	12/19/16	
2-Methylnaphthalene	49000	U	49000	8000	20	12/29/16 15:01	12/19/16	
2-Methylphenol	49000	U	49000	11000	20	12/29/16 15:01	12/19/16	
2-Nitroaniline	250000	U	250000	32000	20	12/29/16 15:01	12/19/16	
2-Nitrophenol	49000	U	49000	6800	20	12/29/16 15:01	12/19/16	
3,3'-Dichlorobenzidine	49000	U	49000	9500	20	12/29/16 15:01	12/19/16	
3- and 4-Methylphenol Coelution	49000	U	49000	19000	20	12/29/16 15:01	12/19/16	
3-Nitroaniline	250000	U	250000	49000	20	12/29/16 15:01	12/19/16	
4,6-Dinitro-2-methylphenol	250000	U	250000	51000	20	12/29/16 15:01	12/19/16	
4-Bromophenyl Phenyl Ether	49000	U	49000	9300	20	12/29/16 15:01	12/19/16	
4-Chloro-3-methylphenol	49000	U	49000	7700	20	12/29/16 15:01	12/19/16	
4-Chloroaniline	49000	U	49000	9500	20	12/29/16 15:01	12/19/16	
4-Chlorophenyl Phenyl Ether	49000	U	49000	8600	20	12/29/16 15:01	12/19/16	
4-Nitroaniline	250000	U	250000	37000	20	12/29/16 15:01	12/19/16	
4-Nitrophenol	250000	U	250000	31000	20	12/29/16 15:01	12/19/16	
Acenaphthene	49000	U	49000	8300	20	12/29/16 15:01	12/19/16	
Acenaphthylene	49000	U	49000	8200	20	12/29/16 15:01	12/19/16	
Acetophenone	49000	U	49000	14000	20	12/29/16 15:01	12/19/16	
Anthracene	49000	U	49000	9100	20	12/29/16 15:01	12/19/16	
Atrazine	49000	U	49000	27000	20	12/29/16 15:01	12/19/16	
Benz(a)anthracene	49000	U	49000	7300	20	12/29/16 15:01	12/19/16	
Benzaldehyde	250000	U	250000	20000	20	12/29/16 15:01	12/19/16	
Benzo(a)pyrene	49000	U	49000	8500	20	12/29/16 15:01	12/19/16	
Benzo(b)fluoranthene	49000	U	49000	7300	20	12/29/16 15:01	12/19/16	
Benzo(g,h,i)perylene	49000	U	49000	7900	20	12/29/16 15:01	12/19/16	
Benzo(k)fluoranthene	49000	U	49000	8200	20	12/29/16 15:01	12/19/16	
Biphenyl	49000	U	49000	9900	20	12/29/16 15:01	12/19/16	
2,2'-Oxybis(1-chloropropane)	49000	U	49000	8600	20	12/29/16 15:01	12/19/16	
Bis(2-chloroethoxy)methane	49000	U	49000	5700	20	12/29/16 15:01	12/19/16	
Bis(2-chloroethyl) Ether	49000	U	49000	9000	20	12/29/16 15:01	12/19/16	
Bis(2-ethylhexyl) Phthalate	**450000**		49000	7200	20	12/29/16 15:01	12/19/16	
Butyl Benzyl Phthalate	**10000**	**J**	49000	9600	20	12/29/16 15:01	12/19/16	
Caprolactam	49000	U	49000	12000	20	12/29/16 15:01	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:00
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-8	**Units:**	ug/Kg
Lab Code:	R1613284-007	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	49000 U	49000	8400	20	12/29/16 15:01	12/19/16	
Chrysene	49000 U	49000	7600	20	12/29/16 15:01	12/19/16	
Di-n-butyl Phthalate	49000 U	49000	12000	20	12/29/16 15:01	12/19/16	
Di-n-octyl Phthalate	**93000**	49000	9300	20	12/29/16 15:01	12/19/16	
Dibenz(a,h)anthracene	49000 U	49000	7400	20	12/29/16 15:01	12/19/16	
Dibenzofuran	49000 U	49000	8400	20	12/29/16 15:01	12/19/16	
Diethyl Phthalate	49000 U	49000	9500	20	12/29/16 15:01	12/19/16	
Dimethyl Phthalate	49000 U	49000	8900	20	12/29/16 15:01	12/19/16	
Fluoranthene	49000 U	49000	11000	20	12/29/16 15:01	12/19/16	
Fluorene	49000 U	49000	7900	20	12/29/16 15:01	12/19/16	
Hexachlorobenzene	49000 U	49000	9000	20	12/29/16 15:01	12/19/16	
Hexachlorobutadiene	49000 U	49000	5400	20	12/29/16 15:01	12/19/16	
Hexachlorocyclopentadiene	49000 U	49000	11000	20	12/29/16 15:01	12/19/16	
Hexachloroethane	49000 U	49000	6400	20	12/29/16 15:01	12/19/16	
Indeno(1,2,3-cd)pyrene	49000 U	49000	8100	20	12/29/16 15:01	12/19/16	
Isophorone	49000 U	49000	7700	20	12/29/16 15:01	12/19/16	
N-Nitrosodi-n-propylamine	49000 U	49000	12000	20	12/29/16 15:01	12/19/16	
N-Nitrosodiphenylamine	49000 U	49000	8500	20	12/29/16 15:01	12/19/16	
Naphthalene	49000 U	49000	6900	20	12/29/16 15:01	12/19/16	
Nitrobenzene	49000 U	49000	7400	20	12/29/16 15:01	12/19/16	
Pentachlorophenol (PCP)	250000 U	250000	40000	20	12/29/16 15:01	12/19/16	
Phenanthrene	49000 U	49000	11000	20	12/29/16 15:01	12/19/16	
Phenol	49000 U	49000	18000	20	12/29/16 15:01	12/19/16	
Pyrene	49000 U	49000	11000	20	12/29/16 15:01	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	0 *	13 - 128	12/29/16 15:01	D
2-Fluorobiphenyl	0 *	10 - 102	12/29/16 15:01	D
2-Fluorophenol	0 *	16 - 129	12/29/16 15:01	D
Nitrobenzene-d5	0 *	10 - 95	12/29/16 15:01	D
Phenol-d6	0 *	10 - 145	12/29/16 15:01	D
Terphenyl-d14	0 *	16 - 126	12/29/16 15:01	D

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	11.21	21000	J
	unknown	13.00	69000	J
1000315-17-6	Phthalic acid, 6-ethyl-3-octyl hex	16.45	37000	JN
	unknown	3.29	43000	J

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:30
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-19	**Units:**	ug/Kg
Lab Code:	R1613284-008	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	390	U	390	93	1	12/29/16 15:29	12/19/16	
2,3,4,6-Tetrachlorophenol	390	U	390	110	1	12/29/16 15:29	12/19/16	
2,4,5-Trichlorophenol	390	U	390	70	1	12/29/16 15:29	12/19/16	
2,4,6-Trichlorophenol	390	U	390	46	1	12/29/16 15:29	12/19/16	
2,4-Dichlorophenol	390	U	390	68	1	12/29/16 15:29	12/19/16	
2,4-Dimethylphenol	390	U	390	72	1	12/29/16 15:29	12/19/16	
2,4-Dinitrophenol	2000	U	2000	300	1	12/29/16 15:29	12/19/16	
2,4-Dinitrotoluene	390	U	390	74	1	12/29/16 15:29	12/19/16	
2,6-Dinitrotoluene	390	U	390	98	1	12/29/16 15:29	12/19/16	
2-Chloronaphthalene	390	U	390	61	1	12/29/16 15:29	12/19/16	
2-Chlorophenol	390	U	390	51	1	12/29/16 15:29	12/19/16	
2-Methylnaphthalene	390	U	390	64	1	12/29/16 15:29	12/19/16	
2-Methylphenol	390	U	390	81	1	12/29/16 15:29	12/19/16	
2-Nitroaniline	2000	U	2000	260	1	12/29/16 15:29	12/19/16	
2-Nitrophenol	390	U	390	55	1	12/29/16 15:29	12/19/16	
3,3'-Dichlorobenzidine	390	U	390	76	1	12/29/16 15:29	12/19/16	
3- and 4-Methylphenol Coelution	390	U	390	150	1	12/29/16 15:29	12/19/16	
3-Nitroaniline	2000	U	2000	390	1	12/29/16 15:29	12/19/16	
4,6-Dinitro-2-methylphenol	2000	U	2000	410	1	12/29/16 15:29	12/19/16	
4-Bromophenyl Phenyl Ether	390	U	390	74	1	12/29/16 15:29	12/19/16	
4-Chloro-3-methylphenol	390	U	390	62	1	12/29/16 15:29	12/19/16	
4-Chloroaniline	390	U	390	76	1	12/29/16 15:29	12/19/16	
4-Chlorophenyl Phenyl Ether	390	U	390	69	1	12/29/16 15:29	12/19/16	
4-Nitroaniline	2000	U	2000	290	1	12/29/16 15:29	12/19/16	
4-Nitrophenol	2000	U	2000	250	1	12/29/16 15:29	12/19/16	
Acenaphthene	390	U	390	66	1	12/29/16 15:29	12/19/16	
Acenaphthylene	390	U	390	65	1	12/29/16 15:29	12/19/16	
Acetophenone	390	U	390	110	1	12/29/16 15:29	12/19/16	
Anthracene	390	U	390	73	1	12/29/16 15:29	12/19/16	
Atrazine	390	U	390	220	1	12/29/16 15:29	12/19/16	
Benz(a)anthracene	390	U	390	58	1	12/29/16 15:29	12/19/16	
Benzaldehyde	2000	U	2000	160	1	12/29/16 15:29	12/19/16	
Benzo(a)pyrene	390	U	390	68	1	12/29/16 15:29	12/19/16	
Benzo(b)fluoranthene	390	U	390	59	1	12/29/16 15:29	12/19/16	
Benzo(g,h,i)perylene	390	U	390	63	1	12/29/16 15:29	12/19/16	
Benzo(k)fluoranthene	390	U	390	65	1	12/29/16 15:29	12/19/16	
Biphenyl	390	U	390	79	1	12/29/16 15:29	12/19/16	
2,2'-Oxybis(1-chloropropane)	390	U	390	69	1	12/29/16 15:29	12/19/16	
Bis(2-chloroethoxy)methane	390	U	390	46	1	12/29/16 15:29	12/19/16	
Bis(2-chloroethyl) Ether	390	U	390	72	1	12/29/16 15:29	12/19/16	
Bis(2-ethylhexyl) Phthalate	**93**	**J**	390	58	1	12/29/16 15:29	12/19/16	
Butyl Benzyl Phthalate	390	U	390	77	1	12/29/16 15:29	12/19/16	
Caprolactam	390	U	390	95	1	12/29/16 15:29	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:30
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-19	**Units:**	ug/Kg
Lab Code:	R1613284-008	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	390 U	390	67	1	12/29/16 15:29	12/19/16	
Chrysene	390 U	390	61	1	12/29/16 15:29	12/19/16	
Di-n-butyl Phthalate	390 U	390	95	1	12/29/16 15:29	12/19/16	
Di-n-octyl Phthalate	**120 J**	390	74	1	12/29/16 15:29	12/19/16	
Dibenz(a,h)anthracene	390 U	390	59	1	12/29/16 15:29	12/19/16	
Dibenzofuran	390 U	390	67	1	12/29/16 15:29	12/19/16	
Diethyl Phthalate	390 U	390	76	1	12/29/16 15:29	12/19/16	
Dimethyl Phthalate	390 U	390	71	1	12/29/16 15:29	12/19/16	
Fluoranthene	390 U	390	81	1	12/29/16 15:29	12/19/16	
Fluorene	390 U	390	63	1	12/29/16 15:29	12/19/16	
Hexachlorobenzene	390 U	390	72	1	12/29/16 15:29	12/19/16	
Hexachlorobutadiene	390 U	390	43	1	12/29/16 15:29	12/19/16	
Hexachlorocyclopentadiene	390 U	390	86	1	12/29/16 15:29	12/19/16	
Hexachloroethane	390 U	390	51	1	12/29/16 15:29	12/19/16	
Indeno(1,2,3-cd)pyrene	390 U	390	65	1	12/29/16 15:29	12/19/16	
Isophorone	390 U	390	61	1	12/29/16 15:29	12/19/16	
N-Nitrosodi-n-propylamine	390 U	390	89	1	12/29/16 15:29	12/19/16	
N-Nitrosodiphenylamine	390 U	390	68	1	12/29/16 15:29	12/19/16	
Naphthalene	390 U	390	55	1	12/29/16 15:29	12/19/16	
Nitrobenzene	390 U	390	59	1	12/29/16 15:29	12/19/16	
Pentachlorophenol (PCP)	2000 U	2000	320	1	12/29/16 15:29	12/19/16	
Phenanthrene	390 U	390	81	1	12/29/16 15:29	12/19/16	
Phenol	390 U	390	140	1	12/29/16 15:29	12/19/16	
Pyrene	390 U	390	83	1	12/29/16 15:29	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	51	13 - 128	12/29/16 15:29	
2-Fluorobiphenyl	40	10 - 102	12/29/16 15:29	
2-Fluorophenol	40	16 - 129	12/29/16 15:29	
Nitrobenzene-d5	39	10 - 95	12/29/16 15:29	
Phenol-d6	44	10 - 145	12/29/16 15:29	
Terphenyl-d14	66	16 - 126	12/29/16 15:29	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	10.25	210	JN
	unknown	3.11	520	J
	unknown	3.34	40000	J
	unknown	3.88	180	J
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	9.92	260	JN

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-14	**Units:**	ug/Kg
Lab Code:	R1613284-001	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	20000 U	20000	11000	500	01/03/17 10:08	12/21/16	
Aroclor 1221	40000 U	40000	21000	500	01/03/17 10:08	12/21/16	
Aroclor 1232	20000 U	20000	11000	500	01/03/17 10:08	12/21/16	
Aroclor 1242	**87000**	20000	11000	500	01/03/17 10:08	12/21/16	
Aroclor 1248	20000 U	20000	11000	500	01/03/17 10:08	12/21/16	
Aroclor 1254	**42000**	20000	12000	500	01/03/17 10:08	12/21/16	
Aroclor 1260	20000 U	20000	11000	500	01/03/17 10:08	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	01/03/17 10:08	D
Tetrachloro-m-xylene	0 *	14 - 119	01/03/17 10:08	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-8	**Units:**	ug/Kg
Lab Code:	R1613284-002	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	41000 U	41000	22000	1000	01/03/17 10:27	12/21/16	
Aroclor 1221	84000 U	84000	43000	1000	01/03/17 10:27	12/21/16	
Aroclor 1232	41000 U	41000	22000	1000	01/03/17 10:27	12/21/16	
Aroclor 1242	**320000**	41000	22000	1000	01/03/17 10:27	12/21/16	
Aroclor 1248	41000 U	41000	22000	1000	01/03/17 10:27	12/21/16	
Aroclor 1254	**260000**	41000	24000	1000	01/03/17 10:27	12/21/16	
Aroclor 1260	**40000 J**	41000	22000	1000	01/03/17 10:27	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	01/03/17 10:27	D
Tetrachloro-m-xylene	0 *	14 - 119	01/03/17 10:27	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 12:05
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-18	**Units:**	ug/Kg
Lab Code:	R1613284-003	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	38 U	38	20	1	01/03/17 10:47	12/21/16	
Aroclor 1221	77 U	77	39	1	01/03/17 10:47	12/21/16	
Aroclor 1232	38 U	38	20	1	01/03/17 10:47	12/21/16	
Aroclor 1242	**45**	38	20	1	01/03/17 10:47	12/21/16	
Aroclor 1248	38 U	38	20	1	01/03/17 10:47	12/21/16	
Aroclor 1254	**32 J**	38	22	1	01/03/17 10:47	12/21/16	
Aroclor 1260	38 U	38	20	1	01/03/17 10:47	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	96	22 - 128	01/03/17 10:47	
Tetrachloro-m-xylene	65	14 - 119	01/03/17 10:47	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-12	**Units:**	ug/Kg
Lab Code:	R1613284-004	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	850 U	850	440	20	01/03/17 11:06	12/21/16	
Aroclor 1221	1700 U	1700	880	20	01/03/17 11:06	12/21/16	
Aroclor 1232	850 U	850	440	20	01/03/17 11:06	12/21/16	
Aroclor 1242	850 U	850	440	20	01/03/17 11:06	12/21/16	
Aroclor 1248	**3800**	850	440	20	01/03/17 11:06	12/21/16	
Aroclor 1254	**4700**	850	500	20	01/03/17 11:06	12/21/16	
Aroclor 1260	**1100**	850	440	20	01/03/17 11:06	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	01/03/17 11:06	D
Tetrachloro-m-xylene	0 *	14 - 119	01/03/17 11:06	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:25
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-16	**Units:**	ug/Kg
Lab Code:	R1613284-005	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	430 U	430	230	10	01/03/17 12:05	12/21/16	
Aroclor 1221	880 U	880	450	10	01/03/17 12:05	12/21/16	
Aroclor 1232	430 U	430	230	10	01/03/17 12:05	12/21/16	
Aroclor 1242	**2200**	430	230	10	01/03/17 12:05	12/21/16	
Aroclor 1248	430 U	430	230	10	01/03/17 12:05	12/21/16	
Aroclor 1254	**1200**	430	250	10	01/03/17 12:05	12/21/16	
Aroclor 1260	**340 J**	430	230	10	01/03/17 12:05	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	85	22 - 128	01/03/17 12:05	
Tetrachloro-m-xylene	63	14 - 119	01/03/17 12:05	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 09:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-2	**Units:**	ug/Kg
Lab Code:	R1613284-006	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	8900 U	8900	4600	200	01/03/17 12:25	12/21/16	
Aroclor 1221	18000 U	18000	9200	200	01/03/17 12:25	12/21/16	
Aroclor 1232	8900 U	8900	4600	200	01/03/17 12:25	12/21/16	
Aroclor 1242	**44000**	8900	4600	200	01/03/17 12:25	12/21/16	
Aroclor 1248	8900 U	8900	4600	200	01/03/17 12:25	12/21/16	
Aroclor 1254	**29000**	8900	5100	200	01/03/17 12:25	12/21/16	
Aroclor 1260	**6600 J**	8900	4600	200	01/03/17 12:25	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	01/03/17 12:25	D
Tetrachloro-m-xylene	0 *	14 - 119	01/03/17 12:25	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:00
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-8	**Units:**	ug/Kg
Lab Code:	R1613284-007	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	24000 U	24000	13000	500	01/03/17 12:45	12/21/16	
Aroclor 1221	50000 U	50000	26000	500	01/03/17 12:45	12/21/16	
Aroclor 1232	24000 U	24000	13000	500	01/03/17 12:45	12/21/16	
Aroclor 1242	**78000**	24000	13000	500	01/03/17 12:45	12/21/16	
Aroclor 1248	24000 U	24000	13000	500	01/03/17 12:45	12/21/16	
Aroclor 1254	**43000**	24000	15000	500	01/03/17 12:45	12/21/16	
Aroclor 1260	24000 U	24000	13000	500	01/03/17 12:45	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	0 *	22 - 128	01/03/17 12:45	D
Tetrachloro-m-xylene	0 *	14 - 119	01/03/17 12:45	D

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:30
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-19	**Units:**	ug/Kg
Lab Code:	R1613284-008	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	39 U	39	21	1	01/03/17 13:04	12/21/16	
Aroclor 1221	79 U	79	41	1	01/03/17 13:04	12/21/16	
Aroclor 1232	39 U	39	21	1	01/03/17 13:04	12/21/16	
Aroclor 1242	39 U	39	21	1	01/03/17 13:04	12/21/16	
Aroclor 1248	39 U	39	21	1	01/03/17 13:04	12/21/16	
Aroclor 1254	39 U	39	23	1	01/03/17 13:04	12/21/16	
Aroclor 1260	39 U	39	21	1	01/03/17 13:04	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	71	22 - 128	01/03/17 13:04	
Tetrachloro-m-xylene	48	14 - 119	01/03/17 13:04	

Metals

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1613284
Project Name:
Matrix: SOIL

Service Request: 106-14
Date Collected: 12/14/2016
Date Received: 12/19/2016
Units: mg/Kg
Basis:

Sample Name: 106-14 **Lab Code:** R1613284-001

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	11.5	4.2	1.0	4920		
Antimony	6010C	6.9	0.194	1.0	21.2		E
Arsenic	6010C	1.2	0.191	1.0	8.3		E
Barium	6010C	2.3	0.120	1.0	720		E
Beryllium	6010C	0.346	0.014	1.0	0.127	J	
Cadmium	6010C	0.577	0.031	1.0	27.6		E
Mercury	7471B	0.039	0.003	1.0	1.2		
Calcium	6010C	118	15.7	1.0	6080		
Chromium	6010C	1.2	0.047	1.0	61.9		
Cobalt	6010C	5.8	0.047	1.0	22.3		E
Copper	6010C	46.1	2.5	20.0	771		
Iron	6010C	231	19.6	20.0	64800		E
Lead	6010C	115	3.3	20.0	1420		
Magnesium	6010C	115	1.7	1.0	3000		E
Manganese	6010C	1.2	0.053	1.0	331		E
Nickel	6010C	4.7	0.149	1.0	63.2		
Potassium	6010C	231	4.7	1.0	411		
Selenium	6010C	1.2	0.681	1.0	1.9		
Silver	6010C	1.2	0.051	1.0	1.2		
Sodium	6010C	115	9.0	1.0	895		
Thallium	6010C	1.2	0.578	1.0	1.2	U	
Vanadium	6010C	5.8	0.078	1.0	18.1		
Zinc	6010C	46.1	2.8	20.0	3290		

% Solids: 84.2

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1613284
Project Name:
Matrix: SOIL

Service Request: 106-14
Date Collected: 12/14/2016
Date Received: 12/19/2016
Units: mg/Kg
Basis:

Sample Name: 106-8
Lab Code: R1613284-002

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	12.4	4.5	1.0	10900		
Antimony	6010C	7.4	0.208	1.0	39.4		E
Arsenic	6010C	1.2	0.204	1.0	28.0		E
Barium	6010C	2.5	0.128	1.0	1760		E
Beryllium	6010C	0.371	0.015	1.0	0.247	J	
Cadmium	6010C	0.618	0.033	1.0	111		E
Mercury	7471B	0.416	0.037	10.0	7.1		
Calcium	6010C	122	16.3	1.0	30000		
Chromium	6010C	1.2	0.050	1.0	213		
Cobalt	6010C	247	2.0	40.0	1930		E
Copper	6010C	98.9	5.4	40.0	1780		
Iron	6010C	494	42.1	40.0	230000		E
Lead	6010C	247	7.1	40.0	3600		
Magnesium	6010C	124	1.8	1.0	8910		E
Manganese	6010C	49.4	2.3	40.0	1770		E
Nickel	6010C	490	15.5	100.0	490	U	
Potassium	6010C	247	5.0	1.0	530		
Selenium	6010C	1.2	0.730	1.0	6.8		
Silver	6010C	1.2	0.054	1.0	10.4		
Sodium	6010C	124	9.7	1.0	1920		
Thallium	6010C	49.4	24.8	40.0	49.4	U	
Vanadium	6010C	6.2	0.083	1.0	25.2		
Zinc	6010C	98.9	6.1	40.0	12700		

% Solids: 80.1

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1613284
Project Name:
Matrix: SOIL

Service Request: 106-14
Date Collected: 12/14/2016
Date Received: 12/19/2016
Units: mg/Kg
Basis:

Sample Name: 106-18
Lab Code: R1613284-003

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	11.2	4.1	1.0	1890		
Antimony	6010C	6.7	0.189	1.0	6.7	U	E
Arsenic	6010C	1.1	0.185	1.0	0.526	J	E
Barium	6010C	2.2	0.116	1.0	7.9		E
Beryllium	6010C	0.336	0.013	1.0	0.056	J	
Cadmium	6010C	0.560	0.030	1.0	0.560	U	E
Mercury	7471B	0.036	0.003	1.0	0.036	U	
Calcium	6010C	112	14.9	1.0	320		
Chromium	6010C	1.1	0.046	1.0	2.5		
Cobalt	6010C	5.6	0.045	1.0	1.6	J	E
Copper	6010C	2.2	0.123	1.0	2.3		
Iron	6010C	11.2	0.953	1.0	3810		E
Lead	6010C	5.6	0.160	1.0	0.537	J	
Magnesium	6010C	112	1.7	1.0	693		E
Manganese	6010C	1.1	0.051	1.0	28.8		E
Nickel	6010C	4.5	0.141	1.0	3.6	J	
Potassium	6010C	224	4.6	1.0	259		
Selenium	6010C	1.1	0.661	1.0	1.1	U	
Silver	6010C	1.1	0.049	1.0	1.1	U	
Sodium	6010C	112	8.8	1.0	55.2	J	
Thallium	6010C	1.1	0.561	1.0	1.1	U	
Vanadium	6010C	5.6	0.075	1.0	3.8	J	
Zinc	6010C	2.2	0.138	1.0	6.9		

% Solids: 87.6

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1613284
Project Name:
Matrix: SOIL

Service Request: 106-14
Date Collected: 12/14/2016
Date Received: 12/19/2016
Units: mg/Kg
Basis:

Sample Name: 107-12 **Lab Code:** R1613284-004

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	12.4	4.5	1.0	7730		
Antimony	6010C	7.5	0.210	1.0	43.8		E
Arsenic	6010C	1.2	0.206	1.0	19.2		E
Barium	6010C	2.5	0.129	1.0	1980		E
Beryllium	6010C	0.373	0.015	1.0	0.187	J	
Cadmium	6010C	0.622	0.033	1.0	48.7		E
Mercury	7471B	0.417	0.037	10.0	2.7		
Calcium	6010C	128	17.1	1.0	17500		
Chromium	6010C	1.2	0.051	1.0	221		
Cobalt	6010C	6.2	0.050	1.0	31.7		E
Copper	6010C	99.5	5.5	40.0	1330		
Iron	6010C	498	42.4	40.0	192000		E
Lead	6010C	249	7.1	40.0	3490		
Magnesium	6010C	124	1.8	1.0	6760		E
Manganese	6010C	1.2	0.057	1.0	960		E
Nickel	6010C	5.1	0.162	1.0	170		
Potassium	6010C	249	5.1	1.0	572		
Selenium	6010C	1.2	0.735	1.0	3.8		
Silver	6010C	1.2	0.055	1.0	4.5		
Sodium	6010C	124	9.7	1.0	1600		
Thallium	6010C	49.8	24.9	40.0	49.8	U	
Vanadium	6010C	6.2	0.084	1.0	19.6		
Zinc	6010C	99.5	6.1	40.0	10700		

% Solids: 77.3

Comments:

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1613284
Project Name:
Matrix: SOIL

Service Request: 106-14
Date Collected: 12/14/2016
Date Received: 12/19/2016
Units: mg/Kg
Basis:

Sample Name: 107-16 **Lab Code:** R1613284-005

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	12.5	4.6	1.0	6930		
Antimony	6010C	7.5	0.211	1.0	19.1		E
Arsenic	6010C	1.3	0.207	1.0	8.2		E
Barium	6010C	2.5	0.130	1.0	488		E
Beryllium	6010C	0.376	0.015	1.0	0.201	J	
Cadmium	6010C	0.627	0.034	1.0	12.3		E
Mercury	7471B	0.411	0.036	10.0	2.7		
Calcium	6010C	129	17.2	1.0	11700		
Chromium	6010C	1.3	0.051	1.0	42.1		
Cobalt	6010C	6.3	0.051	1.0	29.1		E
Copper	6010C	50.1	2.8	20.0	5510		
Iron	6010C	251	21.3	20.0	55500		E
Lead	6010C	125	3.6	20.0	2920		
Magnesium	6010C	125	1.9	1.0	3270		E
Manganese	6010C	1.3	0.057	1.0	286		E
Nickel	6010C	5.2	0.163	1.0	63.8		
Potassium	6010C	251	5.1	1.0	613		
Selenium	6010C	1.3	0.740	1.0	1.1	J	
Silver	6010C	1.3	0.055	1.0	1.2	J	
Sodium	6010C	125	9.8	1.0	706		
Thallium	6010C	1.3	0.628	1.0	1.3	U	
Vanadium	6010C	6.3	0.084	1.0	12.4		
Zinc	6010C	50.1	3.1	20.0	1790		

% Solids: 76.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: 106-14
Project No.: R1613284
Date Collected: 12/14/2016
Project Name:
Date Received: 12/19/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: 107-2 **Lab Code:** R1613284-006

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	13.4	4.9	1.0	6680		
Antimony	6010C	8.1	0.226	1.0	61.0		E
Arsenic	6010C	1.3	0.222	1.0	24.6		E
Barium	6010C	2.7	0.139	1.0	2050		E
Beryllium	6010C	0.403	0.016	1.0	0.242	J	
Cadmium	6010C	0.671	0.036	1.0	76.6		E
Mercury	7471B	0.419	0.037	10.0	13.7		
Calcium	6010C	1280	170	10.0	35700		
Chromium	6010C	1.3	0.055	1.0	197		
Cobalt	6010C	6.7	0.054	1.0	48.7		E
Copper	6010C	107	5.9	40.0	3860		
Iron	6010C	537	45.7	40.0	214000		E
Lead	6010C	268	7.7	40.0	5850		
Magnesium	6010C	134	2.0	1.0	9760		E
Manganese	6010C	1.3	0.061	1.0	1160		E
Nickel	6010C	5.1	0.162	1.0	281		
Potassium	6010C	268	5.5	1.0	396		
Selenium	6010C	1.3	0.793	1.0	5.0		
Silver	6010C	1.3	0.059	1.0	6.6		
Sodium	6010C	134	10.5	1.0	394		
Thallium	6010C	53.7	26.9	40.0	53.7	U	
Vanadium	6010C	6.7	0.090	1.0	21.6		
Zinc	6010C	107	6.6	40.0	11000		

% Solids: 74.5

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1613284
Project Name:
Matrix: SOIL

Service Request: 106-14
Date Collected: 12/14/2016
Date Received: 12/19/2016
Units: mg/Kg
Basis:

Sample Name: 107-8 **Lab Code:** R1613284-007

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	14.2	5.2	1.0	5590		
Antimony	6010C	8.6	0.240	1.0	202		E
Arsenic	6010C	1.4	0.236	1.0	21.9		E
Barium	6010C	2.9	0.148	1.0	1420		E
Beryllium	6010C	0.427	0.017	1.0	0.185	J	
Cadmium	6010C	0.712	0.038	1.0	41.9		E
Mercury	7471B	0.049	0.004	1.0	2.4		
Calcium	6010C	5700	759	40.0	83000		
Chromium	6010C	1.4	0.058	1.0	119		
Cobalt	6010C	7.1	0.058	1.0	25.7		E
Copper	6010C	57.0	3.1	20.0	775		
Iron	6010C	1420	121	100.0	163000		E
Lead	6010C	142	4.1	20.0	2320		
Magnesium	6010C	142	2.1	1.0	9120		E
Manganese	6010C	1.4	0.065	1.0	747		E
Nickel	6010C	5.7	0.180	1.0	278		
Potassium	6010C	285	5.8	1.0	370		
Selenium	6010C	1.4	0.842	1.0	2.3		
Silver	6010C	1.4	0.063	1.0	3.1		
Sodium	6010C	142	11.1	1.0	312		
Thallium	6010C	1.4	0.714	1.0	1.4	U	
Vanadium	6010C	7.1	0.096	1.0	15.7		
Zinc	6010C	57.0	3.5	20.0	6590		

% Solids: 67.5

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: 106-14
Project No.: R1613284
Date Collected: 12/14/2016
Project Name:
Date Received: 12/19/2016
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: 107-19
Lab Code: R1613284-008

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	11.4	4.2	1.0	1560		
Antimony	6010C	6.9	0.193	1.0	6.9	U	E
Arsenic	6010C	1.1	0.189	1.0	0.870	J	E
Barium	6010C	2.3	0.119	1.0	4.8		E
Beryllium	6010C	0.343	0.014	1.0	0.046	J	
Cadmium	6010C	0.572	0.031	1.0	0.572	U	E
Mercury	7471B	0.037	0.003	1.0	0.007	J	
Calcium	6010C	117	15.6	1.0	148		
Chromium	6010C	1.1	0.047	1.0	2.5		
Cobalt	6010C	5.7	0.046	1.0	3.0	J	E
Copper	6010C	2.3	0.126	1.0	2.6		
Iron	6010C	11.4	0.975	1.0	3530		E
Lead	6010C	5.7	0.164	1.0	1.1	J	
Magnesium	6010C	114	1.7	1.0	583		E
Manganese	6010C	1.1	0.052	1.0	34.4		E
Nickel	6010C	4.7	0.148	1.0	3.1	J	
Potassium	6010C	229	4.7	1.0	235		
Selenium	6010C	1.1	0.676	1.0	1.1	U	
Silver	6010C	1.1	0.050	1.0	1.1	U	
Sodium	6010C	114	9.0	1.0	115		
Thallium	6010C	1.1	0.574	1.0	1.1	U	
Vanadium	6010C	5.7	0.077	1.0	3.6	J	
Zinc	6010C	2.3	0.141	1.0	6.3		

% Solids: 84.8

Comments:

General Chemistry

ALS Environmental—Rochester Laboratory
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www.alsglobal.com

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-14	**Basis:**	Dry
Lab Code:	R1613284-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.074 J**	mg/Kg	0.098	0.015	1	12/29/16 15:11	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-14	**Basis:**	As Received
Lab Code:	R1613284-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**84.2**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-8	**Basis:**	Dry
Lab Code:	R1613284-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.14**	mg/Kg	0.11	0.02	1	12/29/16 15:12	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 11:35
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-8	**Basis:**	As Received
Lab Code:	R1613284-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**80.1**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 12:05
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-18	**Basis:**	Dry
Lab Code:	R1613284-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/Kg	0.10	0.02	1	12/29/16 15:13	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 12:05
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	106-18	**Basis:**	As Received
Lab Code:	R1613284-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**87.6**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-12	**Basis:**	Dry
Lab Code:	R1613284-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.12**	mg/Kg	0.11	0.02	1	12/29/16 15:14	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:20
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-12	**Basis:**	As Received
Lab Code:	R1613284-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**77.3**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:25
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-16	**Basis:**	Dry
Lab Code:	R1613284-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.08 J**	mg/Kg	0.12	0.02	1	12/29/16 15:14	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:25
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-16	**Basis:**	As Received
Lab Code:	R1613284-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**76.0**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 09:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-2	**Basis:**	Dry
Lab Code:	R1613284-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.11 J**	mg/Kg	0.13	0.02	1	12/29/16 15:15	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 09:50
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-2	**Basis:**	As Received
Lab Code:	R1613284-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**74.5**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:00
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-8	**Basis:**	Dry
Lab Code:	R1613284-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.05 J**	mg/Kg	0.12	0.02	1	12/29/16 15:18	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:00
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-8	**Basis:**	As Received
Lab Code:	R1613284-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**67.5**	Percent	-	-	1	12/27/16 11:05	NA	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:30
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-19	**Basis:**	Dry
Lab Code:	R1613284-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.11 U	mg/Kg	0.11	0.02	1	12/29/16 15:20	12/27/16	*

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16 10:30
Sample Matrix:	Soil	**Date Received:**	12/19/16 15:10
Sample Name:	107-19	**Basis:**	As Received
Lab Code:	R1613284-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**84.8**	Percent	-	-	1	12/27/16 11:05	NA	

QC Summary Forms

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Volatile Organic Compounds by GC/MS

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613284
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Extraction Method: EPA 5035A

Sample Name	Lab Code	4-Bromofluorobenzene 51 - 136	Dibromofluoromethane 63 - 138	Toluene-d8 66 - 138
106-14	R1613284-001	95	103	106
106-8	R1613284-002	111	80	105
106-18	R1613284-003	105	101	104
107-12	R1613284-004	107	89	104
107-16	R1613284-005	97	104	106
107-16 DL	R1613284-005	108	71	106
107-2	R1613284-006	108	90	103
107-8	R1613284-007	109	87	103
107-19	R1613284-008	110	101	107
Lab Control Sample	RQ1615582-03	110	110	110
Method Blank	RQ1615582-11	104	104	105
Lab Control Sample	RQ1615589-03	110	108	108
Method Blank	RQ1615589-04	108	104	106
Lab Control Sample	RQ1615714-03	105	97	102
Method Blank	RQ1615714-04	108	90	101
Lab Control Sample	RQ1615774-03	106	96	103
Method Blank	RQ1615774-04	104	91	103

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615582-11	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.73	1	12/20/16 16:01	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.81	1	12/20/16 16:01	
1,1,2-Trichloroethane	5.0 U	5.0	0.73	1	12/20/16 16:01	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1.3	1	12/20/16 16:01	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1.3	1	12/20/16 16:01	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.3	1	12/20/16 16:01	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.62	1	12/20/16 16:01	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.59	1	12/20/16 16:01	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.9	1	12/20/16 16:01	
1,2-Dibromoethane	5.0 U	5.0	1.3	1	12/20/16 16:01	
1,2-Dichlorobenzene	5.0 U	5.0	0.61	1	12/20/16 16:01	
1,2-Dichloroethane	5.0 U	5.0	0.61	1	12/20/16 16:01	
1,2-Dichloropropane	5.0 U	5.0	0.97	1	12/20/16 16:01	
1,3-Dichlorobenzene	5.0 U	5.0	0.63	1	12/20/16 16:01	
1,4-Dichlorobenzene	5.0 U	5.0	0.56	1	12/20/16 16:01	
1,4-Dioxane	100 U	100	20	1	12/20/16 16:01	
2-Butanone (MEK)	5.0 U	5.0	2.3	1	12/20/16 16:01	
2-Hexanone	5.0 U	5.0	1.3	1	12/20/16 16:01	
4-Methyl-2-pentanone	5.0 U	5.0	0.98	1	12/20/16 16:01	
Acetone	5.0 U	5.0	2.9	1	12/20/16 16:01	
Benzene	5.0 U	5.0	0.29	1	12/20/16 16:01	
Bromochloromethane	5.0 U	5.0	1.4	1	12/20/16 16:01	
Bromodichloromethane	5.0 U	5.0	0.61	1	12/20/16 16:01	
Bromoform	5.0 U	5.0	0.93	1	12/20/16 16:01	
Bromomethane	5.0 U	5.0	1.4	1	12/20/16 16:01	
Carbon Disulfide	5.0 U	5.0	1.3	1	12/20/16 16:01	
Carbon Tetrachloride	5.0 U	5.0	0.92	1	12/20/16 16:01	
Chlorobenzene	5.0 U	5.0	0.29	1	12/20/16 16:01	
Chloroethane	5.0 U	5.0	2.9	1	12/20/16 16:01	
Chloroform	5.0 U	5.0	1.3	1	12/20/16 16:01	
Chloromethane	5.0 U	5.0	0.40	1	12/20/16 16:01	
Cyclohexane	5.0 U	5.0	1.4	1	12/20/16 16:01	
Dibromochloromethane	5.0 U	5.0	0.73	1	12/20/16 16:01	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1.9	1	12/20/16 16:01	
Dichloromethane	5.0 U	5.0	0.57	1	12/20/16 16:01	
Ethylbenzene	5.0 U	5.0	0.23	1	12/20/16 16:01	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.67	1	12/20/16 16:01	
Methyl Acetate	5.0 U	5.0	1.8	1	12/20/16 16:01	
Methyl tert-Butyl Ether	5.0 U	5.0	0.94	1	12/20/16 16:01	
Methylcyclohexane	5.0 U	5.0	1.2	1	12/20/16 16:01	
Styrene	5.0 U	5.0	0.30	1	12/20/16 16:01	
Tetrachloroethene (PCE)	5.0 U	5.0	0.88	1	12/20/16 16:01	
Toluene	5.0 U	5.0	1.0	1	12/20/16 16:01	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615582-11	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1.1	1	12/20/16 16:01	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.66	1	12/20/16 16:01	
Vinyl Chloride	5.0 U	5.0	1.9	1	12/20/16 16:01	
cis-1,2-Dichloroethene	5.0 U	5.0	0.95	1	12/20/16 16:01	
cis-1,3-Dichloropropene	5.0 U	5.0	0.90	1	12/20/16 16:01	
m,p-Xylenes	10 U	10	1.1	1	12/20/16 16:01	
o-Xylene	5.0 U	5.0	0.48	1	12/20/16 16:01	
trans-1,2-Dichloroethene	5.0 U	5.0	0.86	1	12/20/16 16:01	
trans-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/20/16 16:01	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	51 - 136	12/20/16 16:01	
Dibromofluoromethane	104	63 - 138	12/20/16 16:01	
Toluene-d8	105	66 - 138	12/20/16 16:01	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615589-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.73	1	12/22/16 12:04	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.81	1	12/22/16 12:04	
1,1,2-Trichloroethane	5.0 U	5.0	0.73	1	12/22/16 12:04	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1.3	1	12/22/16 12:04	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1.3	1	12/22/16 12:04	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.3	1	12/22/16 12:04	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.62	1	12/22/16 12:04	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.59	1	12/22/16 12:04	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.9	1	12/22/16 12:04	
1,2-Dibromoethane	5.0 U	5.0	1.3	1	12/22/16 12:04	
1,2-Dichlorobenzene	5.0 U	5.0	0.61	1	12/22/16 12:04	
1,2-Dichloroethane	5.0 U	5.0	0.61	1	12/22/16 12:04	
1,2-Dichloropropane	5.0 U	5.0	0.97	1	12/22/16 12:04	
1,3-Dichlorobenzene	5.0 U	5.0	0.63	1	12/22/16 12:04	
1,4-Dichlorobenzene	5.0 U	5.0	0.56	1	12/22/16 12:04	
1,4-Dioxane	100 U	100	20	1	12/22/16 12:04	
2-Butanone (MEK)	5.0 U	5.0	2.3	1	12/22/16 12:04	
2-Hexanone	5.0 U	5.0	1.3	1	12/22/16 12:04	
4-Methyl-2-pentanone	5.0 U	5.0	0.98	1	12/22/16 12:04	
Acetone	5.0 U	5.0	2.9	1	12/22/16 12:04	
Benzene	5.0 U	5.0	0.29	1	12/22/16 12:04	
Bromochloromethane	5.0 U	5.0	1.4	1	12/22/16 12:04	
Bromodichloromethane	5.0 U	5.0	0.61	1	12/22/16 12:04	
Bromoform	5.0 U	5.0	0.93	1	12/22/16 12:04	
Bromomethane	5.0 U	5.0	1.4	1	12/22/16 12:04	
Carbon Disulfide	5.0 U	5.0	1.3	1	12/22/16 12:04	
Carbon Tetrachloride	5.0 U	5.0	0.92	1	12/22/16 12:04	
Chlorobenzene	5.0 U	5.0	0.29	1	12/22/16 12:04	
Chloroethane	5.0 U	5.0	2.9	1	12/22/16 12:04	
Chloroform	5.0 U	5.0	1.3	1	12/22/16 12:04	
Chloromethane	5.0 U	5.0	0.40	1	12/22/16 12:04	
Cyclohexane	5.0 U	5.0	1.4	1	12/22/16 12:04	
Dibromochloromethane	5.0 U	5.0	0.73	1	12/22/16 12:04	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1.9	1	12/22/16 12:04	
Dichloromethane	5.0 U	5.0	0.57	1	12/22/16 12:04	
Ethylbenzene	5.0 U	5.0	0.23	1	12/22/16 12:04	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.67	1	12/22/16 12:04	
Methyl Acetate	5.0 U	5.0	1.8	1	12/22/16 12:04	
Methyl tert-Butyl Ether	5.0 U	5.0	0.94	1	12/22/16 12:04	
Methylcyclohexane	5.0 U	5.0	1.2	1	12/22/16 12:04	
Styrene	5.0 U	5.0	0.30	1	12/22/16 12:04	
Tetrachloroethene (PCE)	5.0 U	5.0	0.88	1	12/22/16 12:04	
Toluene	5.0 U	5.0	1.0	1	12/22/16 12:04	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615589-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1.1	1	12/22/16 12:04	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.66	1	12/22/16 12:04	
Vinyl Chloride	5.0 U	5.0	1.9	1	12/22/16 12:04	
cis-1,2-Dichloroethene	5.0 U	5.0	0.95	1	12/22/16 12:04	
cis-1,3-Dichloropropene	5.0 U	5.0	0.90	1	12/22/16 12:04	
m,p-Xylenes	10 U	10	1.1	1	12/22/16 12:04	
o-Xylene	5.0 U	5.0	0.48	1	12/22/16 12:04	
trans-1,2-Dichloroethene	5.0 U	5.0	0.86	1	12/22/16 12:04	
trans-1,3-Dichloropropene	5.0 U	5.0	0.20	1	12/22/16 12:04	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	51 - 136	12/22/16 12:04	
Dibromofluoromethane	104	63 - 138	12/22/16 12:04	
Toluene-d8	106	66 - 138	12/22/16 12:04	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615714-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	250 U	250	37	50	12/28/16 14:27	
1,1,2,2-Tetrachloroethane	250 U	250	41	50	12/28/16 14:27	
1,1,2-Trichloroethane	250 U	250	37	50	12/28/16 14:27	
1,1,2-Trichloro-1,2,2-trifluoroethane	250 U	250	62	50	12/28/16 14:27	
1,1-Dichloroethane (1,1-DCA)	250 U	250	63	50	12/28/16 14:27	
1,1-Dichloroethene (1,1-DCE)	250 U	250	64	50	12/28/16 14:27	
1,2,3-Trichlorobenzene	250 U	250	31	50	12/28/16 14:27	
1,2,4-Trichlorobenzene	250 U	250	30	50	12/28/16 14:27	
1,2-Dibromo-3-chloropropane (DBCP)	250 U	250	94	50	12/28/16 14:27	
1,2-Dibromoethane	250 U	250	61	50	12/28/16 14:27	
1,2-Dichlorobenzene	250 U	250	31	50	12/28/16 14:27	
1,2-Dichloroethane	250 U	250	31	50	12/28/16 14:27	
1,2-Dichloropropane	250 U	250	49	50	12/28/16 14:27	
1,3-Dichlorobenzene	250 U	250	32	50	12/28/16 14:27	
1,4-Dichlorobenzene	250 U	250	28	50	12/28/16 14:27	
1,4-Dioxane	5000 U	5000	960	50	12/28/16 14:27	
2-Butanone (MEK)	250 U	250	120	50	12/28/16 14:27	
2-Hexanone	250 U	250	61	50	12/28/16 14:27	
4-Methyl-2-pentanone	250 U	250	49	50	12/28/16 14:27	
Acetone	250 U	250	150	50	12/28/16 14:27	
Benzene	250 U	250	15	50	12/28/16 14:27	
Bromochloromethane	250 U	250	68	50	12/28/16 14:27	
Bromodichloromethane	250 U	250	31	50	12/28/16 14:27	
Bromoform	250 U	250	47	50	12/28/16 14:27	
Bromomethane	250 U	250	69	50	12/28/16 14:27	
Carbon Disulfide	250 U	250	62	50	12/28/16 14:27	
Carbon Tetrachloride	250 U	250	46	50	12/28/16 14:27	
Chlorobenzene	250 U	250	15	50	12/28/16 14:27	
Chloroethane	250 U	250	150	50	12/28/16 14:27	
Chloroform	250 U	250	63	50	12/28/16 14:27	
Chloromethane	**29 J**	250	20	50	12/28/16 14:27	
Cyclohexane	250 U	250	69	50	12/28/16 14:27	
Dibromochloromethane	250 U	250	37	50	12/28/16 14:27	
Dichlorodifluoromethane (CFC 12)	250 U	250	95	50	12/28/16 14:27	
Dichloromethane	250 U	250	29	50	12/28/16 14:27	
Ethylbenzene	250 U	250	12	50	12/28/16 14:27	
Isopropylbenzene (Cumene)	250 U	250	34	50	12/28/16 14:27	
Methyl Acetate	250 U	250	88	50	12/28/16 14:27	
Methyl tert-Butyl Ether	250 U	250	47	50	12/28/16 14:27	
Methylcyclohexane	250 U	250	60	50	12/28/16 14:27	
Styrene	250 U	250	15	50	12/28/16 14:27	
Tetrachloroethene (PCE)	250 U	250	44	50	12/28/16 14:27	
Toluene	250 U	250	50	50	12/28/16 14:27	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615714-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	250	U	250	51	50	12/28/16 14:27	
Trichlorofluoromethane (CFC 11)	250	U	250	33	50	12/28/16 14:27	
Vinyl Chloride	250	U	250	92	50	12/28/16 14:27	
cis-1,2-Dichloroethene	250	U	250	48	50	12/28/16 14:27	
cis-1,3-Dichloropropene	250	U	250	45	50	12/28/16 14:27	
m,p-Xylenes	500	U	500	55	50	12/28/16 14:27	
o-Xylene	250	U	250	24	50	12/28/16 14:27	
trans-1,2-Dichloroethene	250	U	250	43	50	12/28/16 14:27	
trans-1,3-Dichloropropene	250	U	250	10	50	12/28/16 14:27	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	51 - 136	12/28/16 14:27	
Dibromofluoromethane	90	63 - 138	12/28/16 14:27	
Toluene-d8	101	66 - 138	12/28/16 14:27	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615774-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	250 U	250	37	50	12/22/16 10:45	
1,1,2,2-Tetrachloroethane	250 U	250	41	50	12/22/16 10:45	
1,1,2-Trichloroethane	250 U	250	37	50	12/22/16 10:45	
1,1,2-Trichloro-1,2,2-trifluoroethane	250 U	250	62	50	12/22/16 10:45	
1,1-Dichloroethane (1,1-DCA)	250 U	250	63	50	12/22/16 10:45	
1,1-Dichloroethene (1,1-DCE)	250 U	250	64	50	12/22/16 10:45	
1,2,3-Trichlorobenzene	250 U	250	31	50	12/22/16 10:45	
1,2,4-Trichlorobenzene	250 U	250	30	50	12/22/16 10:45	
1,2-Dibromo-3-chloropropane (DBCP)	250 U	250	94	50	12/22/16 10:45	
1,2-Dibromoethane	250 U	250	61	50	12/22/16 10:45	
1,2-Dichlorobenzene	250 U	250	31	50	12/22/16 10:45	
1,2-Dichloroethane	250 U	250	31	50	12/22/16 10:45	
1,2-Dichloropropane	250 U	250	49	50	12/22/16 10:45	
1,3-Dichlorobenzene	250 U	250	32	50	12/22/16 10:45	
1,4-Dichlorobenzene	250 U	250	28	50	12/22/16 10:45	
1,4-Dioxane	5000 U	5000	960	50	12/22/16 10:45	
2-Butanone (MEK)	250 U	250	120	50	12/22/16 10:45	
2-Hexanone	250 U	250	61	50	12/22/16 10:45	
4-Methyl-2-pentanone	250 U	250	49	50	12/22/16 10:45	
Acetone	250 U	250	150	50	12/22/16 10:45	
Benzene	250 U	250	15	50	12/22/16 10:45	
Bromochloromethane	250 U	250	68	50	12/22/16 10:45	
Bromodichloromethane	250 U	250	31	50	12/22/16 10:45	
Bromoform	250 U	250	47	50	12/22/16 10:45	
Bromomethane	250 U	250	69	50	12/22/16 10:45	
Carbon Disulfide	250 U	250	62	50	12/22/16 10:45	
Carbon Tetrachloride	250 U	250	46	50	12/22/16 10:45	
Chlorobenzene	250 U	250	15	50	12/22/16 10:45	
Chloroethane	250 U	250	150	50	12/22/16 10:45	
Chloroform	250 U	250	63	50	12/22/16 10:45	
Chloromethane	**23 J**	250	20	50	12/22/16 10:45	
Cyclohexane	250 U	250	69	50	12/22/16 10:45	
Dibromochloromethane	250 U	250	37	50	12/22/16 10:45	
Dichlorodifluoromethane (CFC 12)	250 U	250	95	50	12/22/16 10:45	
Dichloromethane	250 U	250	29	50	12/22/16 10:45	
Ethylbenzene	250 U	250	12	50	12/22/16 10:45	
Isopropylbenzene (Cumene)	250 U	250	34	50	12/22/16 10:45	
Methyl Acetate	250 U	250	88	50	12/22/16 10:45	
Methyl tert-Butyl Ether	250 U	250	47	50	12/22/16 10:45	
Methylcyclohexane	250 U	250	60	50	12/22/16 10:45	
Styrene	250 U	250	15	50	12/22/16 10:45	
Tetrachloroethene (PCE)	250 U	250	44	50	12/22/16 10:45	
Toluene	250 U	250	50	50	12/22/16 10:45	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615774-04	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	250 U	250	51	50	12/22/16 10:45	
Trichlorofluoromethane (CFC 11)	250 U	250	33	50	12/22/16 10:45	
Vinyl Chloride	250 U	250	92	50	12/22/16 10:45	
cis-1,2-Dichloroethene	250 U	250	48	50	12/22/16 10:45	
cis-1,3-Dichloropropene	250 U	250	45	50	12/22/16 10:45	
m,p-Xylenes	500 U	500	55	50	12/22/16 10:45	
o-Xylene	250 U	250	24	50	12/22/16 10:45	
trans-1,2-Dichloroethene	250 U	250	43	50	12/22/16 10:45	
trans-1,3-Dichloropropene	250 U	250	10	50	12/22/16 10:45	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	51 - 136	12/22/16 10:45	
Dibromofluoromethane	91	63 - 138	12/22/16 10:45	
Toluene-d8	103	66 - 138	12/22/16 10:45	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/20/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615582-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	16.3	20.0	81	40-140
1,1,2,2-Tetrachloroethane	8260C	19.2	20.0	96	40-140
1,1,2-Trichloroethane	8260C	18.2	20.0	91	40-140
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	14.0	20.0	70	40-140
1,1-Dichloroethane (1,1-DCA)	8260C	17.9	20.0	89	40-140
1,1-Dichloroethene (1,1-DCE)	8260C	17.4	20.0	87	40-140
1,2,3-Trichlorobenzene	8260C	17.0	20.0	85	40-140
1,2,4-Trichlorobenzene	8260C	17.2	20.0	86	40-140
1,2-Dibromo-3-chloropropane (DBCP)	8260C	19.4	20.0	97	40-140
1,2-Dibromoethane	8260C	19.4	20.0	97	40-140
1,2-Dichlorobenzene	8260C	17.9	20.0	89	40-140
1,2-Dichloroethane	8260C	18.7	20.0	93	40-140
1,2-Dichloropropane	8260C	18.4	20.0	92	40-140
1,3-Dichlorobenzene	8260C	18.1	20.0	90	40-140
1,4-Dichlorobenzene	8260C	18.0	20.0	90	40-140
1,4-Dioxane	8260C	394	400	99	40-140
2-Butanone (MEK)	8260C	16.9	20.0	85	40-140
2-Hexanone	8260C	19.7	20.0	98	40-140
4-Methyl-2-pentanone	8260C	19.5	20.0	98	40-140
Acetone	8260C	17.1	20.0	86	40-140
Benzene	8260C	18.5	20.0	92	40-140
Bromochloromethane	8260C	18.9	20.0	94	40-140
Bromodichloromethane	8260C	17.7	20.0	88	40-140
Bromoform	8260C	18.5	20.0	92	40-140
Bromomethane	8260C	16.4	20.0	82	40-140
Carbon Disulfide	8260C	14.3	20.0	71	40-140
Carbon Tetrachloride	8260C	15.8	20.0	79	40-140
Chlorobenzene	8260C	17.9	20.0	90	40-140
Chloroethane	8260C	17.5	20.0	87	40-140
Chloroform	8260C	18.0	20.0	90	40-140
Chloromethane	8260C	16.3	20.0	81	40-140
Cyclohexane	8260C	21.0	20.0	105	40-140
Dibromochloromethane	8260C	18.3	20.0	91	40-140

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/20/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615582-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	14.1	20.0	71	40-140
Dichloromethane	8260C	18.4	20.0	92	40-140
Ethylbenzene	8260C	16.6	20.0	83	40-140
Isopropylbenzene (Cumene)	8260C	16.0	20.0	80	40-140
Methyl Acetate	8260C	18.9	20.0	95	40-140
Methyl tert-Butyl Ether	8260C	18.5	20.0	93	40-140
Methylcyclohexane	8260C	20.8	20.0	104	40-140
Styrene	8260C	17.7	20.0	88	40-140
Tetrachloroethene (PCE)	8260C	15.5	20.0	78	40-140
Toluene	8260C	17.0	20.0	85	40-140
Trichloroethene (TCE)	8260C	17.3	20.0	87	40-140
Trichlorofluoromethane (CFC 11)	8260C	16.7	20.0	84	40-140
Vinyl Chloride	8260C	18.0	20.0	90	40-140
cis-1,2-Dichloroethene	8260C	18.8	20.0	94	40-140
cis-1,3-Dichloropropene	8260C	18.0	20.0	90	40-140
m,p-Xylenes	8260C	33.7	40.0	84	40-140
o-Xylene	8260C	17.0	20.0	85	40-140
trans-1,2-Dichloroethene	8260C	17.9	20.0	89	40-140
trans-1,3-Dichloropropene	8260C	18.0	20.0	90	40-140

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/22/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615589-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	20.2	20.0	101	40-140
1,1,2,2-Tetrachloroethane	8260C	20.0	20.0	100	40-140
1,1,2-Trichloroethane	8260C	19.6	20.0	98	40-140
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	20.0	20.0	100	40-140
1,1-Dichloroethane (1,1-DCA)	8260C	19.7	20.0	98	40-140
1,1-Dichloroethene (1,1-DCE)	8260C	20.9	20.0	104	40-140
1,2,3-Trichlorobenzene	8260C	19.5	20.0	98	40-140
1,2,4-Trichlorobenzene	8260C	19.2	20.0	96	40-140
1,2-Dibromo-3-chloropropane (DBCP)	8260C	21.7	20.0	109	40-140
1,2-Dibromoethane	8260C	20.9	20.0	104	40-140
1,2-Dichlorobenzene	8260C	19.6	20.0	98	40-140
1,2-Dichloroethane	8260C	20.1	20.0	100	40-140
1,2-Dichloropropane	8260C	19.3	20.0	97	40-140
1,3-Dichlorobenzene	8260C	20.0	20.0	100	40-140
1,4-Dichlorobenzene	8260C	19.8	20.0	99	40-140
1,4-Dioxane	8260C	439	400	110	40-140
2-Butanone (MEK)	8260C	16.7	20.0	83	40-140
2-Hexanone	8260C	19.8	20.0	99	40-140
4-Methyl-2-pentanone	8260C	19.5	20.0	98	40-140
Acetone	8260C	17.3	20.0	86	40-140
Benzene	8260C	20.3	20.0	102	40-140
Bromochloromethane	8260C	20.1	20.0	101	40-140
Bromodichloromethane	8260C	19.2	20.0	96	40-140
Bromoform	8260C	20.2	20.0	101	40-140
Bromomethane	8260C	17.2	20.0	86	40-140
Carbon Disulfide	8260C	10.7	20.0	53	40-140
Carbon Tetrachloride	8260C	20.2	20.0	101	40-140
Chlorobenzene	8260C	19.5	20.0	97	40-140
Chloroethane	8260C	20.1	20.0	101	40-140
Chloroform	8260C	19.3	20.0	97	40-140
Chloromethane	8260C	19.4	20.0	97	40-140
Cyclohexane	8260C	15.5	20.0	78	40-140
Dibromochloromethane	8260C	20.3	20.0	102	40-140

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/22/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615589-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	21.8	20.0	109	40-140
Dichloromethane	8260C	20.1	20.0	101	40-140
Ethylbenzene	8260C	19.5	20.0	98	40-140
Isopropylbenzene (Cumene)	8260C	20.2	20.0	101	40-140
Methyl Acetate	8260C	19.4	20.0	97	40-140
Methyl tert-Butyl Ether	8260C	19.6	20.0	98	40-140
Methylcyclohexane	8260C	15.9	20.0	79	40-140
Styrene	8260C	19.6	20.0	98	40-140
Tetrachloroethene (PCE)	8260C	19.5	20.0	98	40-140
Toluene	8260C	19.5	20.0	97	40-140
Trichloroethene (TCE)	8260C	19.7	20.0	98	40-140
Trichlorofluoromethane (CFC 11)	8260C	21.3	20.0	106	40-140
Vinyl Chloride	8260C	22.3	20.0	111	40-140
cis-1,2-Dichloroethene	8260C	20.3	20.0	102	40-140
cis-1,3-Dichloropropene	8260C	18.9	20.0	95	40-140
m,p-Xylenes	8260C	39.6	40.0	99	40-140
o-Xylene	8260C	19.7	20.0	98	40-140
trans-1,2-Dichloroethene	8260C	20.3	20.0	101	40-140
trans-1,3-Dichloropropene	8260C	19.7	20.0	99	40-140

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/28/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615714-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	22.2	20.0	111	40-140
1,1,2,2-Tetrachloroethane	8260C	19.0	20.0	95	40-140
1,1,2-Trichloroethane	8260C	21.0	20.0	105	40-140
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	21.4	20.0	107	40-140
1,1-Dichloroethane (1,1-DCA)	8260C	24.6	20.0	123	40-140
1,1-Dichloroethene (1,1-DCE)	8260C	23.2	20.0	116	40-140
1,2,3-Trichlorobenzene	8260C	16.8	20.0	84	40-140
1,2,4-Trichlorobenzene	8260C	19.2	20.0	96	40-140
1,2-Dibromo-3-chloropropane (DBCP)	8260C	18.5	20.0	92	40-140
1,2-Dibromoethane	8260C	20.2	20.0	101	40-140
1,2-Dichlorobenzene	8260C	20.0	20.0	100	40-140
1,2-Dichloroethane	8260C	22.9	20.0	115	40-140
1,2-Dichloropropane	8260C	23.2	20.0	116	40-140
1,3-Dichlorobenzene	8260C	21.1	20.0	106	40-140
1,4-Dichlorobenzene	8260C	20.4	20.0	102	40-140
1,4-Dioxane	8260C	343	400	86	40-140
2-Butanone (MEK)	8260C	23.5	20.0	117	40-140
2-Hexanone	8260C	23.9	20.0	120	40-140
4-Methyl-2-pentanone	8260C	23.3	20.0	117	40-140
Acetone	8260C	22.1	20.0	110	40-140
Benzene	8260C	22.8	20.0	114	40-140
Bromochloromethane	8260C	20.9	20.0	104	40-140
Bromodichloromethane	8260C	20.6	20.0	103	40-140
Bromoform	8260C	22.0	20.0	110	40-140
Bromomethane	8260C	14.5	20.0	72	40-140
Carbon Disulfide	8260C	13.1	20.0	66	40-140
Carbon Tetrachloride	8260C	21.8	20.0	109	40-140
Chlorobenzene	8260C	21.3	20.0	107	40-140
Chloroethane	8260C	18.1	20.0	91	40-140
Chloroform	8260C	21.0	20.0	105	40-140
Chloromethane	8260C	30.3	20.0	152 *	40-140
Cyclohexane	8260C	27.5	20.0	138	40-140
Dibromochloromethane	8260C	22.4	20.0	112	40-140

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/28/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615714-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	22.1	20.0	111	40-140
Dichloromethane	8260C	20.2	20.0	101	40-140
Ethylbenzene	8260C	22.7	20.0	114	40-140
Isopropylbenzene (Cumene)	8260C	22.3	20.0	111	40-140
Methyl Acetate	8260C	24.9	20.0	124	40-140
Methyl tert-Butyl Ether	8260C	19.6	20.0	98	40-140
Methylcyclohexane	8260C	28.0	20.0	140	40-140
Styrene	8260C	21.8	20.0	109	40-140
Tetrachloroethene (PCE)	8260C	21.0	20.0	105	40-140
Toluene	8260C	22.4	20.0	112	40-140
Trichloroethene (TCE)	8260C	22.4	20.0	112	40-140
Trichlorofluoromethane (CFC 11)	8260C	20.6	20.0	103	40-140
Vinyl Chloride	8260C	25.6	20.0	128	40-140
cis-1,2-Dichloroethene	8260C	21.5	20.0	107	40-140
cis-1,3-Dichloropropene	8260C	21.6	20.0	108	40-140
m,p-Xylenes	8260C	44.6	40.0	111	40-140
o-Xylene	8260C	21.7	20.0	109	40-140
trans-1,2-Dichloroethene	8260C	22.4	20.0	112	40-140
trans-1,3-Dichloropropene	8260C	20.5	20.0	103	40-140

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/22/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615774-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	21.4	20.0	107	40-140
1,1,2,2-Tetrachloroethane	8260C	20.2	20.0	101	40-140
1,1,2-Trichloroethane	8260C	20.7	20.0	104	40-140
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	19.4	20.0	97	40-140
1,1-Dichloroethane (1,1-DCA)	8260C	22.9	20.0	114	40-140
1,1-Dichloroethene (1,1-DCE)	8260C	21.0	20.0	105	40-140
1,2,3-Trichlorobenzene	8260C	18.3	20.0	92	40-140
1,2,4-Trichlorobenzene	8260C	19.7	20.0	99	40-140
1,2-Dibromo-3-chloropropane (DBCP)	8260C	17.3	20.0	86	40-140
1,2-Dibromoethane	8260C	17.2	20.0	86	40-140
1,2-Dichlorobenzene	8260C	21.2	20.0	106	40-140
1,2-Dichloroethane	8260C	24.9	20.0	125	40-140
1,2-Dichloropropane	8260C	21.6	20.0	108	40-140
1,3-Dichlorobenzene	8260C	21.7	20.0	108	40-140
1,4-Dichlorobenzene	8260C	21.5	20.0	107	40-140
1,4-Dioxane	8260C	347	400	87	40-140
2-Butanone (MEK)	8260C	21.4	20.0	107	40-140
2-Hexanone	8260C	19.2	20.0	96	40-140
4-Methyl-2-pentanone	8260C	21.3	20.0	106	40-140
Acetone	8260C	20.7	20.0	103	40-140
Benzene	8260C	25.2	20.0	126	40-140
Bromochloromethane	8260C	20.7	20.0	103	40-140
Bromodichloromethane	8260C	19.5	20.0	97	40-140
Bromoform	8260C	16.2	20.0	81	40-140
Bromomethane	8260C	16.0	20.0	80	40-140
Carbon Disulfide	8260C	17.5	20.0	87	40-140
Carbon Tetrachloride	8260C	20.3	20.0	102	40-140
Chlorobenzene	8260C	20.8	20.0	104	40-140
Chloroethane	8260C	17.7	20.0	89	40-140
Chloroform	8260C	20.8	20.0	104	40-140
Chloromethane	8260C	22.9	20.0	114	40-140
Cyclohexane	8260C	21.4	20.0	107	40-140
Dibromochloromethane	8260C	17.7	20.0	89	40-140

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/22/16

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

Lab Control Sample
RQ1615774-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	19.3	20.0	96	40-140
Dichloromethane	8260C	22.7	20.0	113	40-140
Ethylbenzene	8260C	18.9	20.0	95	40-140
Isopropylbenzene (Cumene)	8260C	19.2	20.0	96	40-140
Methyl Acetate	8260C	19.1	20.0	96	40-140
Methyl tert-Butyl Ether	8260C	20.2	20.0	101	40-140
Methylcyclohexane	8260C	22.9	20.0	115	40-140
Styrene	8260C	19.3	20.0	96	40-140
Tetrachloroethene (PCE)	8260C	17.7	20.0	89	40-140
Toluene	8260C	21.2	20.0	106	40-140
Trichloroethene (TCE)	8260C	21.4	20.0	107	40-140
Trichlorofluoromethane (CFC 11)	8260C	19.7	20.0	99	40-140
Vinyl Chloride	8260C	22.8	20.0	114	40-140
cis-1,2-Dichloroethene	8260C	21.0	20.0	105	40-140
cis-1,3-Dichloropropene	8260C	20.6	20.0	103	40-140
m,p-Xylenes	8260C	38.1	40.0	95	40-140
o-Xylene	8260C	18.9	20.0	95	40-140
trans-1,2-Dichloroethene	8260C	23.5	20.0	117	40-140
trans-1,3-Dichloropropene	8260C	19.3	20.0	96	40-140

Semivolatile Organic Compounds by GC/MS

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613284
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3541

Sample Name	Lab Code	2,4,6-Tribromophenol 13 - 128	2-Fluorobiphenyl 10 - 102	2-Fluorophenol 16 - 129
106-14	R1613284-001	0 *	0 *	0 *
106-8	R1613284-002	0 *	0 *	0 *
106-18	R1613284-003	52	43	41
107-12	R1613284-004	0 *	0 *	0 *
107-16	R1613284-005	31	30	26
107-2	R1613284-006	0 *	0 *	0 *
107-8	R1613284-007	0 *	0 *	0 *
107-19	R1613284-008	51	40	40
Method Blank	RQ1615334-01	39	45	42
Lab Control Sample	RQ1615334-02	67	56	56
Duplicate Lab Control Sample	RQ1615334-03	47	41	40

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613284
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3541

Sample Name	Lab Code	Nitrobenzene-d5 10 - 95	Phenol-d6 10 - 145	Terphenyl-d14 16 - 126
106-14	R1613284-001	0 *	0 *	0 *
106-8	R1613284-002	0 *	0 *	0 *
106-18	R1613284-003	41	47	63
107-12	R1613284-004	0 *	0 *	0 *
107-16	R1613284-005	28	29	38
107-2	R1613284-006	0 *	0 *	0 *
107-8	R1613284-007	0 *	0 *	0 *
107-19	R1613284-008	39	44	66
Method Blank	RQ1615334-01	42	48	57
Lab Control Sample	RQ1615334-02	55	62	75
Duplicate Lab Control Sample	RQ1615334-03	40	44	52

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615334-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	330 U	330	79	1	12/22/16 08:18	12/19/16	
2,3,4,6-Tetrachlorophenol	330 U	330	86	1	12/22/16 08:18	12/19/16	
2,4,5-Trichlorophenol	330 U	330	60	1	12/22/16 08:18	12/19/16	
2,4,6-Trichlorophenol	330 U	330	39	1	12/22/16 08:18	12/19/16	
2,4-Dichlorophenol	330 U	330	58	1	12/22/16 08:18	12/19/16	
2,4-Dimethylphenol	330 U	330	61	1	12/22/16 08:18	12/19/16	
2,4-Dinitrophenol	1700 U	1700	260	1	12/22/16 08:18	12/19/16	
2,4-Dinitrotoluene	330 U	330	63	1	12/22/16 08:18	12/19/16	
2,6-Dinitrotoluene	330 U	330	83	1	12/22/16 08:18	12/19/16	
2-Chloronaphthalene	330 U	330	52	1	12/22/16 08:18	12/19/16	
2-Chlorophenol	330 U	330	43	1	12/22/16 08:18	12/19/16	
2-Methylnaphthalene	330 U	330	54	1	12/22/16 08:18	12/19/16	
2-Methylphenol	330 U	330	69	1	12/22/16 08:18	12/19/16	
2-Nitroaniline	1700 U	1700	220	1	12/22/16 08:18	12/19/16	
2-Nitrophenol	330 U	330	46	1	12/22/16 08:18	12/19/16	
3,3'-Dichlorobenzidine	330 U	330	65	1	12/22/16 08:18	12/19/16	
3- and 4-Methylphenol Coelution	330 U	330	130	1	12/22/16 08:18	12/19/16	
3-Nitroaniline	1700 U	1700	330	1	12/22/16 08:18	12/19/16	
4,6-Dinitro-2-methylphenol	1700 U	1700	340	1	12/22/16 08:18	12/19/16	
4-Bromophenyl Phenyl Ether	330 U	330	63	1	12/22/16 08:18	12/19/16	
4-Chloro-3-methylphenol	330 U	330	52	1	12/22/16 08:18	12/19/16	
4-Chloroaniline	330 U	330	64	1	12/22/16 08:18	12/19/16	
4-Chlorophenyl Phenyl Ether	330 U	330	58	1	12/22/16 08:18	12/19/16	
4-Nitroaniline	1700 U	1700	250	1	12/22/16 08:18	12/19/16	
4-Nitrophenol	1700 U	1700	210	1	12/22/16 08:18	12/19/16	
Acenaphthene	330 U	330	56	1	12/22/16 08:18	12/19/16	
Acenaphthylene	330 U	330	55	1	12/22/16 08:18	12/19/16	
Acetophenone	330 U	330	94	1	12/22/16 08:18	12/19/16	
Anthracene	330 U	330	62	1	12/22/16 08:18	12/19/16	
Atrazine	330 U	330	190	1	12/22/16 08:18	12/19/16	
Benz(a)anthracene	330 U	330	49	1	12/22/16 08:18	12/19/16	
Benzaldehyde	1700 U	1700	130	1	12/22/16 08:18	12/19/16	
Benzo(a)pyrene	330 U	330	57	1	12/22/16 08:18	12/19/16	
Benzo(b)fluoranthene	330 U	330	50	1	12/22/16 08:18	12/19/16	
Benzo(g,h,i)perylene	330 U	330	53	1	12/22/16 08:18	12/19/16	
Benzo(k)fluoranthene	330 U	330	55	1	12/22/16 08:18	12/19/16	
Biphenyl	330 U	330	67	1	12/22/16 08:18	12/19/16	
2,2'-Oxybis(1-chloropropane)	330 U	330	59	1	12/22/16 08:18	12/19/16	
Bis(2-chloroethoxy)methane	330 U	330	39	1	12/22/16 08:18	12/19/16	
Bis(2-chloroethyl) Ether	330 U	330	61	1	12/22/16 08:18	12/19/16	
Bis(2-ethylhexyl) Phthalate	330 U	330	49	1	12/22/16 08:18	12/19/16	
Butyl Benzyl Phthalate	330 U	330	65	1	12/22/16 08:18	12/19/16	
Caprolactam	330 U	330	80	1	12/22/16 08:18	12/19/16	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615334-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	330 U	330	57	1	12/22/16 08:18	12/19/16	
Chrysene	330 U	330	51	1	12/22/16 08:18	12/19/16	
Di-n-butyl Phthalate	330 U	330	80	1	12/22/16 08:18	12/19/16	
Di-n-octyl Phthalate	330 U	330	63	1	12/22/16 08:18	12/19/16	
Dibenz(a,h)anthracene	330 U	330	50	1	12/22/16 08:18	12/19/16	
Dibenzofuran	330 U	330	57	1	12/22/16 08:18	12/19/16	
Diethyl Phthalate	330 U	330	64	1	12/22/16 08:18	12/19/16	
Dimethyl Phthalate	330 U	330	60	1	12/22/16 08:18	12/19/16	
Fluoranthene	330 U	330	69	1	12/22/16 08:18	12/19/16	
Fluorene	330 U	330	53	1	12/22/16 08:18	12/19/16	
Hexachlorobenzene	330 U	330	61	1	12/22/16 08:18	12/19/16	
Hexachlorobutadiene	330 U	330	36	1	12/22/16 08:18	12/19/16	
Hexachlorocyclopentadiene	330 U	330	73	1	12/22/16 08:18	12/19/16	
Hexachloroethane	330 U	330	44	1	12/22/16 08:18	12/19/16	
Indeno(1,2,3-cd)pyrene	330 U	330	55	1	12/22/16 08:18	12/19/16	
Isophorone	330 U	330	52	1	12/22/16 08:18	12/19/16	
N-Nitrosodi-n-propylamine	330 U	330	75	1	12/22/16 08:18	12/19/16	
N-Nitrosodiphenylamine	330 U	330	57	1	12/22/16 08:18	12/19/16	
Naphthalene	330 U	330	47	1	12/22/16 08:18	12/19/16	
Nitrobenzene	330 U	330	50	1	12/22/16 08:18	12/19/16	
Pentachlorophenol (PCP)	1700 U	1700	270	1	12/22/16 08:18	12/19/16	
Phenanthrene	330 U	330	69	1	12/22/16 08:18	12/19/16	
Phenol	330 U	330	120	1	12/22/16 08:18	12/19/16	
Pyrene	330 U	330	70	1	12/22/16 08:18	12/19/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	39	13 - 128	12/22/16 08:18	
2-Fluorobiphenyl	45	10 - 102	12/22/16 08:18	
2-Fluorophenol	42	16 - 129	12/22/16 08:18	
Nitrobenzene-d5	42	10 - 95	12/22/16 08:18	
Phenol-d6	48	10 - 145	12/22/16 08:18	
Terphenyl-d14	57	16 - 126	12/22/16 08:18	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000141-79-7	3-Penten-2-one, 4-methyl-	2.95	300	JN
	unknown	3.13	2300	J
	unknown	3.37	76000	J
	unknown	3.88	670	J
	unknown	5.46	250	J

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/22/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615334-02			RQ1615334-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	8270D	1860	3330	56	1410	3330	42	31-127	27	30
2,3,4,6-Tetrachlorophenol	8270D	2130	3330	64	1350	3330	40	37-123	45*	30
2,4,5-Trichlorophenol	8270D	2020	3330	61	1400	3330	42	32-104	36*	30
2,4,6-Trichlorophenol	8270D	2120	3330	63	1470	3330	44	30-101	36*	30
2,4-Dichlorophenol	8270D	2050	3330	61	1460	3330	44	39-135	33*	30
2,4-Dimethylphenol	8270D	2040	3330	61	1500	3330	45	31-135	30	30
2,4-Dinitrophenol	8270D	758 J	3330	23	275 J	3330	8 *	10-128	93*	30
2,4-Dinitrotoluene	8270D	2260	3330	68	1610	3330	48	39-122	34*	30
2,6-Dinitrotoluene	8270D	2170	3330	65	1680	3330	50	34-122	25	30
2-Chloronaphthalene	8270D	1850	3330	56	1360	3330	41	41-124	31*	30
2-Chlorophenol	8270D	2000	3330	60	1490	3330	45	39-123	29	30
2-Methylnaphthalene	8270D	1910	3330	57	1410	3330	42	33-125	30	30
2-Methylphenol	8270D	1990	3330	60	1480	3330	44	38-123	30	30
2-Nitroaniline	8270D	2330	3330	70	1750	3330	53	25-116	28	30
2-Nitrophenol	8270D	1900	3330	57	1300	3330	39	23-96	38*	30
3,3'-Dichlorobenzidine	8270D	1570	3330	47	1140	3330	34	25-105	31*	30
3- and 4-Methylphenol Coelution	8270D	1990	3330	60	1450	3330	44	42-114	31*	30
3-Nitroaniline	8270D	1610 J	3330	48	1350 J	3330	41 *	43-106	18	30
4,6-Dinitro-2-methylphenol	8270D	1180 J	3330	35	384 J	3330	12	10-127	102*	30
4-Bromophenyl Phenyl Ether	8270D	1960	3330	59	1580	3330	47	40-102	22	30
4-Chloro-3-methylphenol	8270D	1930	3330	58	1430	3330	43	42-140	29	30
4-Chloroaniline	8270D	1330	3330	40	1110	3330	33 *	34-101	18	30
4-Chlorophenyl Phenyl Ether	8270D	2000	3330	60	1470	3330	44	39-100	31*	30
4-Nitroaniline	8270D	2290	3330	69	1640 J	3330	49	35-112	33*	30
4-Nitrophenol	8270D	2360	3330	71	1460 J	3330	44	34-123	47*	30
Acenaphthene	8270D	2020	3330	61	1470	3330	44	32-100	31*	30
Acenaphthylene	8270D	2050	3330	62	1510	3330	45	33-100	31*	30
Acetophenone	8270D	3220	6670	48	2390	6670	36	23-87	30	30
Anthracene	8270D	2280	3330	68	1640	3330	49	46-103	32*	30
Atrazine	8270D	2930	3330	88	2070	3330	62	44-137	34*	30
Benz(a)anthracene	8270D	2380	3330	71	1680	3330	51	32-105	34*	30
Benzaldehyde	8270D	2140	3330	64	1640 J	3330	49	10-200	27	30
Benzo(a)pyrene	8270D	2510	3330	75	1710	3330	51	48-110	38*	30

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/22/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615334-02			RQ1615334-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	2360	3330	71	1610	3330	48	44-107	38*	30
Benzo(g,h,i)perylene	8270D	2740	3330	82	1890	3330	57	49-120	37*	30
Benzo(k)fluoranthene	8270D	2480	3330	75	1730	3330	52	46-107	36*	30
Biphenyl	8270D	1880	3330	56	1400	3330	42	24-104	29	30
2,2'-Oxybis(1-chloropropane)	8270D	1740	3330	52	1310	3330	39	38-138	28	30
Bis(2-chloroethoxy)methane	8270D	1870	3330	56	1390	3330	42	28-91	30	30
Bis(2-chloroethyl) Ether	8270D	1760	3330	53	1330	3330	40	37-86	28	30
Bis(2-ethylhexyl) Phthalate	8270D	2590	3330	78	1750	3330	52	35-119	39*	30
Butyl Benzyl Phthalate	8270D	2480	3330	75	1660	3330	50	47-117	40*	30
Caprolactam	8270D	2300	3330	69	1700	3330	51	30-111	30	30
Carbazole	8270D	2460	3330	74	1790	3330	54	41-112	32*	30
Chrysene	8270D	2360	3330	71	1670	3330	50	48-111	34*	30
Di-n-butyl Phthalate	8270D	2650	3330	80	1890	3330	57	51-120	34*	30
Di-n-octyl Phthalate	8270D	2580	3330	77	1790	3330	54	47-127	36*	30
Dibenz(a,h)anthracene	8270D	2450	3330	73	1690	3330	51	46-114	37*	30
Dibenzofuran	8270D	2080	3330	62	1530	3330	46	34-97	30	30
Diethyl Phthalate	8270D	2240	3330	67	1620	3330	49	45-108	32*	30
Dimethyl Phthalate	8270D	2280	3330	68	1770	3330	53	41-101	25	30
Fluoranthene	8270D	2450	3330	73	1750	3330	52	45-113	33*	30
Fluorene	8270D	2160	3330	65	1620	3330	49	38-101	28	30
Hexachlorobenzene	8270D	2120	3330	64	1650	3330	49	41-106	25	30
Hexachlorobutadiene	8270D	1910	3330	57	1460	3330	44	10-142	26	30
Hexachlorocyclopentadiene	8270D	1210	3330	36	856	3330	26	10-133	34*	30
Hexachloroethane	8270D	1560	3330	47	1210	3330	36	10-129	25	30
Indeno(1,2,3-cd)pyrene	8270D	2520	3330	76	1730	3330	52	46-115	37*	30
Isophorone	8270D	1780	3330	53	1360	3330	41	27-95	27	30
N-Nitrosodi-n-propylamine	8270D	1820	3330	54	1330	3330	40	21-89	31*	30
N-Nitrosodiphenylamine	8270D	2320	3330	69	1750	3330	53	37-116	28	30
Naphthalene	8270D	1860	3330	56	1400	3330	42	31-123	28	30
Nitrobenzene	8270D	1810	3330	54	1360	3330	41	35-134	28	30
Pentachlorophenol (PCP)	8270D	2180	3330	66	1110 J	3330	33	10-137	65*	30
Phenanthrene	8270D	2190	3330	66	1580	3330	47	45-106	32*	30
Phenol	8270D	2090	3330	63	1540	3330	46	10-144	31*	30

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/22/16

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615334-02			RQ1615334-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	2400	3330	72	1690	3330	51	48-117	35*	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1613284
Project: Fortino Tire/251592
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Extraction Method: EPA 3541

Sample Name	Lab Code	Decachlorobiphenyl 22 - 128	Tetrachloro-m-xylene 14 - 119
106-14	R1613284-001	0 *	0 *
106-8	R1613284-002	0 *	0 *
106-18	R1613284-003	96	65
107-12	R1613284-004	0 *	0 *
107-16	R1613284-005	85	63
107-2	R1613284-006	0 *	0 *
107-8	R1613284-007	0 *	0 *
107-19	R1613284-008	71	48
Method Blank	RQ1615455-01	73	63
Lab Control Sample	RQ1615455-02	78	80
Duplicate Lab Control Sample	RQ1615455-03	76	75
107-19 MS	RQ1615455-04	97	56
107-19 DMS	RQ1615455-05	73	46

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16
Sample Matrix:	Soil	**Date Received:**	12/19/16
		Date Analyzed:	01/3/17
		Date Extracted:	12/21/16

Duplicate Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	107-19	**Units:**	ug/Kg
Lab Code:	R1613284-008	**Basis:**	Dry
Analysis Method:	8082A		
Prep Method:	EPA 3541		

		Matrix Spike RQ1615455-04			Duplicate Matrix Spike RQ1615455-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	39 U	184	196	94	141	197	72	18-144	27	30
Aroclor 1260	39 U	194	196	99	147	197	75	19-162	27	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1615455-01	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	33 U	33	17	1	01/03/17 08:19	12/21/16	
Aroclor 1221	67 U	67	34	1	01/03/17 08:19	12/21/16	
Aroclor 1232	33 U	33	17	1	01/03/17 08:19	12/21/16	
Aroclor 1242	33 U	33	17	1	01/03/17 08:19	12/21/16	
Aroclor 1248	33 U	33	17	1	01/03/17 08:19	12/21/16	
Aroclor 1254	33 U	33	19	1	01/03/17 08:19	12/21/16	
Aroclor 1260	33 U	33	17	1	01/03/17 08:19	12/21/16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	73	22 - 128	01/03/17 08:19	
Tetrachloro-m-xylene	63	14 - 119	01/03/17 08:19	

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 01/03/17

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1615455-02			RQ1615455-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	157	167	94	148	167	89	43-129	6	30
Aroclor 1260	8082A	134	167	81	128	167	77	49-135	5	30

Metals

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BLANKS

Contract: R1613284

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 106-14

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): MG/KG

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	36.33	U	36.33	U	36.33	U	36.33	U	3.633	U	P
Antimony	3.50	J	1.69	U	1.69	U	1.69	U	-0.250	J	P
Arsenic	2.30	J	1.65	U	1.65	U	3.10	J	0.165	U	P
Barium	3.10	J	1.50	J	2.20	J	2.00	J	0.120	J	P
Beryllium	0.12	U	0.12	U	0.12	U	0.12	U	0.012	U	P
Cadmium	0.27	U	0.30	J	0.27	U	0.27	U	0.040	J	P
Mercury	0.018	U	0.018	U	0.018	U	0.018	U	0.004	J	CV
Calcium	133.23	U	133.23	U	133.23	U	133.23	U	13.323	U	P
Chromium	0.41	U	0.41	U	0.41	U	0.41	U	0.260	J	P
Cobalt	0.60	J	0.40	U	0.50	J	0.50	J	0.330	J	P
Copper	1.10	U	1.10	U	1.10	U	1.10	U	0.110	U	P
Iron	8.52	U	8.52	U	8.52	U	8.52	U	17.270		P
Lead	-1.50	J	1.43	U	1.43	U	1.43	U	0.143	U	P
Magnesium	14.80	U	14.80	U	14.80	U	14.80	U	6.540	J	P
Manganese	0.46	U	0.46	U	0.46	U	0.46	U	0.150	J	P
Nickel	1.26	U	1.26	U	1.26	U	1.26	U	-0.200	J	P
Potassium	40.64	U	40.64	U	40.64	U	40.64	U	4.064	U	P
Selenium	5.91	U	5.91	U	5.91	U	5.91	U	0.591	U	P
Silver	0.44	U	0.44	U	0.44	U	0.44	U	0.044	U	P
Sodium	78.19	U	78.19	U	78.19	U	78.19	U	99.990	J	P
Thallium	5.01	U	5.01	U	5.01	U	5.01	U	0.501	U	P
Vanadium	0.80	J	0.67	U	0.80	J	0.67	U	1.930	J	P
Zinc	1.23	U	1.23	U	1.23	U	1.23	U	0.920	J	P

Comments:

METALS

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BLANKS

Contract: R1613284

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 106-14

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			36.33	U	36.33	U	36.33	U			P
Antimony			1.69	U	1.69	U	1.69	U			P
Arsenic			1.65	U	1.65	U	1.65	U			P
Barium			1.30	J	2.10	J	2.10	J			P
Beryllium			0.12	U	0.12	U	0.12	U			P
Cadmium			0.27	U	0.27	U	0.27	U			P
Mercury			0.018	U	0.018	U					CV
Calcium			133.23	U	133.23	U	133.23	U			P
Chromium			0.41	U	0.41	U	0.41	U			P
Cobalt			0.50	J	0.50	J	0.40	U			P
Copper			1.10	U	1.10	U	1.10	U			P
Iron			8.52	U	8.52	U	8.52	U			P
Lead			1.43	U	1.43	U	1.43	U			P
Magnesium			14.80	U	14.80	U	14.80	U			P
Manganese			0.46	U	0.46	U	0.46	U			P
Nickel			1.26	U	1.26	U	1.26	U			P
Potassium			40.64	U	40.64	U	40.64	U			P
Selenium			5.91	U							P
Silver			0.44	U	0.44	U	0.44	U			P
Sodium			78.19	U	78.19	U	78.19	U			P
Thallium			5.01	U	5.01	U	5.01	U			P
Vanadium			0.67	U	0.67	U	0.67	U			P
Zinc			1.23	U	1.23	U	1.23	U			P

Comments:

METALS

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BLANKS

Contract: R1613284

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 106-14

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			36.33	U	36.33	U	36.33	U			P
Antimony			1.70	J	1.69	U	1.69	U			P
Arsenic			1.65	U	1.65	U	1.65	U			P
Barium			1.30	J	2.40	J	1.04	U			P
Beryllium			0.12	U	0.12	U	0.12	U			P
Cadmium			0.27	U	0.27	U	0.27	U			P
Calcium			133.23	U	133.23	U	133.23	U			P
Chromium			0.41	U	0.41	U	0.41	U			P
Cobalt			0.40	U	0.90	J	0.40	U			P
Copper			1.10	U	1.10	U	1.10	U			P
Iron			8.52	U	8.52	U	33.90	J			P
Lead			1.43	U	-1.80	J	-1.70	J			P
Magnesium			14.80	U	14.80	U	61.30	J			P
Manganese			0.46	U	0.46	U	0.70	J			P
Nickel			1.26	U	1.26	U	1.26	U			P
Potassium			40.64	U	40.64	U	40.64	U			P
Silver			0.44	U	0.44	U	0.44	U			P
Sodium			78.19	U	78.19	U	78.19	U			P
Thallium			5.01	U	5.01	U	5.01	U			P
Vanadium			0.67	U	0.67	U	0.67	U			P
Zinc			1.23	U	1.23	U	1.23	U			P

Comments:

METALS

-3-

BLANKS

Contract: R1613284

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 106-14

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			36.33	U							P
Antimony			1.69	U							P
Arsenic			1.65	U							P
Barium			1.70	J							P
Beryllium			0.12	U							P
Cadmium			0.30	J							P
Chromium			0.41	U							P
Cobalt			0.50	J							P
Copper			1.10	U							P
Iron			8.52	U							P
Lead			1.43	U							P
Magnesium			14.80	U							P
Manganese			0.46	U							P
Potassium			40.64	U							P
Silver			0.44	U							P
Sodium			78.19	U							P
Thallium			5.01	U							P
Vanadium			0.67	U							P
Zinc			1.23	U							P

Comments:

METALS

-3-

BLANKS

Contract: R1613284

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 106-14

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): MG/KG

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Calcium	133.23	U	133.23	U	133.23	U	133.23	U			P
Iron	8.52	U	8.90	J	9.20	J	8.52	U			P
Nickel	1.26	U	1.26	U	1.26	U	1.26	U			P

Comments:

METALS

-3-

BLANKS

Contract: R1613284

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 106-14

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Calcium			133.23	U							P
Iron			8.52	U	8.52	U	8.52	U			P
Nickel			1.26	U	1.26	U	1.26	U			P

Comments:

METALS

-3-

BLANKS

Contract: R1613284

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 106-14

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Iron			8.52	U	8.52	U	8.52	U			P
Nickel			1.26	U	1.26	U	1.26	U			P

Comments:

METALS

-7-

LABORATORY CONTROL SAMPLE

Contract: R1613284

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: 106-14

Solid LCS Source: CPI

Aqueous LCS Source:

Analyte	Aqueous (ug/L True	Found	%R	Solid (mg/K True	Found	C	Limits		%R
Aluminum				200	181.68		160	240	91
Antimony				50	45.96		40	60	92
Arsenic				4	3.51		3.2	4.8	88
Barium				200	198.20		160	240	99
Beryllium				5	4.69		4	6	94
Cadmium				5	4.83		4	6	97
Mercury				0.166	0.17		.133	.199	102
Calcium				200	184.56		160	240	92
Chromium				20	19.33		16	24	97
Cobalt				50	48.92		40	60	98
Copper				25	24.31		20	30	97
Iron				100	105.75		80	120	106
Lead				50	48.62		40	60	97
Magnesium				200	184.71		160	240	92
Manganese				50	48.55		40	60	97
Nickel				50	50.44		40	60	101
Potassium				2000	1841.22		1600	2400	92
Selenium				101	89.32		80.8	121	88
Silver				5	4.62		4	6	92
Sodium				2000	1958.65		1600	2400	98
Thallium				200	173.79		160	240	87
Vanadium				50	50.32		40	60	101
Zinc				50	47.10		40	60	94

Comments: _____

General Chemistry

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	Dry
Lab Code:	R1613284-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/Kg	0.10	0.02	1	12/29/16 14:57	12/27/16	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1613284
Project:	Fortino Tire/251592	**Date Collected:**	12/14/16
Sample Matrix:	Soil	**Date Received:**	12/19/16
		Date Analyzed:	12/29/16
		Date Extracted:	12/27/16

Duplicate Matrix Spike Summary
Cyanide, Total

Sample Name:	107-2	**Units:**	mg/Kg
Lab Code:	R1613284-006	**Basis:**	Dry
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike			Duplicate Matrix Spike					
		R1613284-006MS			R1613284-006DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Total	0.11 J	0.24	1.15	11	0.31	1.33	15	10-159	26	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/29/16

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R1613284-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Total	9012B	1.05	1.00	105	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire/251592
Sample Matrix: Soil

Service Request: R1613284
Date Analyzed: 12/29/16

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R1613284-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Total	9012B	4.01	4.00	100	85-115

June 15, 2017 Service Request No:R1704685

Mr. Marc Flanagan
TRC Environmental Corporation
10 Maxwell Drive
Suite 200
Clifton Park, NY 12065

Laboratory Results for: Fortino Tire

Dear Mr.Flanagan,

Enclosed are the results of the sample(s) submitted to our laboratory May 24, 2017
For your reference, these analyses have been assigned our service request number **R1704685.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental



Janice Jaeger
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
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www.alsglobal.com

1565 Jefferson Rd, Building 300, Rochester, NY 14623 | 585-288-5380 | www.alsglobal.com

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request:R1704685
Date Received:5/24/17

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier IV, validation deliverables including all summary forms and associated raw data. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Any parameters that are not included in the lab's NELAC accreditation are identified on a "Non-Certified Analytes" report in the Miscellaneous Forms Section of this report. Individual analytical results requiring further explanation are flagged with qualifiers and/or discussed below. The flags are explained in the Report Qualifiers and Definitions page in the Miscellaneous Forms section of this report.

Sample Receipt

Twelve soil samples were received for analysis at ALS Environmental on 05/24/2017. Any discrepancies noted upon initial sample inspection are noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at ≤6°C upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Volatile Organic Analyses:

Method 8260c, 5/30/17: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260c, 5/30/17, R1704685-007: The recovery of one or more internal standards was outside control limits because of suspected matrix interference. The sample was re-extracted and reanalyzed, but produced similar results. No further corrective action was appropriate.

Method 8260c, R1704685-007: The control limits were exceeded for one or more surrogates due to matrix interferences. A re-extraction and reanalysis was performed, but produced similar results. No further corrective action was required.

Method 8260c, 5/31/17: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260c, 5/31/17: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260c, 5/31/17, R1704685-007: The recovery of one or more internal standards was outside control limits because of suspected matrix interference. The sample was re-extracted and reanalyzed, but produced similar results. No further corrective action was appropriate.

Semi-Volatile Organic Analyses:

Method 8270D, 06/05/17: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification

Approved by _____ Date 6/15/2017

(CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8270D, 06/05/17: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Metals Analyses:

No significant anomalies were noted with this analysis.

General Chemistry Analyses:

No significant anomalies were noted with this analysis.

Approved by _____ Date 6/15/2017

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:**R1704685
Project: Fortino Tire

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1704685-001	FT-SD-01	5/23/2017	1050
R1704685-002	FT-SD-02	5/23/2017	1105
R1704685-003	FT-SD-03	5/23/2017	1120
R1704685-004	FT-SD-04	5/23/2017	1245
R1704685-005	FT-SD-05	5/23/2017	1300
R1704685-006	FT-SD-06	5/23/2017	1315
R1704685-007	FT-SD-07	5/23/2017	1430
R1704685-008	FT-SD-08	5/23/2017	1445
R1704685-009	FT-SD-09	5/23/2017	1500
R1704685-010	FT-SD-10	5/24/2017	0900
R1704685-011	FT-SD-11	5/24/2017	0915
R1704685-012	FT-SD-12	5/24/2017	0930

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

44922

NYSDEC

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 2

Project Name: FORTINO TIRE	Project Number:
Project Manager: MARC FLANAGAN	Report CC:
Company/Address: TRC 10 MAXWELL DRIVE, SUITE 200 CLIFTON PARK, NY 12065	
Phone #: (518) 688-3154	Email: mcflanagan@trcsolutions.com
Sampler's Signature:	Sampler's Printed Name: RYAN JORREY

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP 15035	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	Cyanide								REMARKS/ ALTERNATE DESCRIPTION
FT-SD-01		05/23/17	1050	Sed	5	X	X		X	X	X		X								
FT-SD-02			1105	Sed	5	X	X		X	X	X		X								
FT-SD-03			1120	Sed	5	X	X		X	X	X		X								
FT-SD-04			1245	Sed	5	X	X		X	X	X		X								
FT-SD-05			1300	Sed	5	X	X		X	X	X		X								
FT-SD-06			1315	Sed	5	X	X		X	X	X		X								
FT-SD-07			1430	Sed	5	X	X		X	X	X		X								
FT-SD-08			1445	Sed	5	X	X		X	X	X		X								
FT-WS-08			1515	Water	13	X	X		X	X	X	X	X								
FT-SD-09		05/23/17	1500	Sed	5	X	X		X	X	X		X								
FT-SD-10		05/24/17	0900	Sed	5	X	X		X	X	X		X								

Preservative Key
0. NONE
1. HCl
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS

Metals

* All dissolved constituents need to be filtered by lab, not field filtered.

See QAPP ☐

TURNAROUND REQUIREMENTS

_____ RUSH (SURCHARGES APPLY)

_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day

Standard

REQUESTED REPORT DATE

_____

REPORT REQUIREMENTS

____ I. Results Only

____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

Edata ____ Yes ____ No

INVOICE INFORMATION

PO #

BILL TO:

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: Ryan Jorrey	Printed Name: Daniel Wall	Printed Name:	Printed Name:	Printed Name:	
Firm: TRC	Firm: ALS	Firm:	Firm:	Firm:	
Date/Time: 5/24/17 1305	Date/Time: 5/24/17 1305	Date/Time:	Date/Time:	Date/Time:	

R1704685 5
TRC Environmental Corporation
Fortino Tire

Distribution: White - Lab Copy; Yellow - Return to Originator

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

44923

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Project Name: NYSDEC FORTINO TIRE	Project Number:
Project Manager: MARC FLANAGAN	Report CC:
Company/Address: TRC 10 MAXWELL DRIVE, SUITE 200 CLIFTON PARK, NY 12065	
Phone #: (518) 688-3154	Email: mcflanagan@trcsolutions.com
Sampler's Signature:	Sampler's Printed Name: RYAN TORREY

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP 1503b	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	Cyanide								REMARKS/ ALTERNATE DESCRIPTION
FT-WS-10		05/24/17	0850	Water	13	X	X		X	X	X	X	X								
FT-SD-11			0915	Sed	5	X	X		X	X	X		X								
FT-SD-12			0930	Sed	5	X	X		X	X	X		X								
FT-WS-13			1000	Water	13	X	X		X	X	X	X	X								
FT-WS-14		05/24/17	1015	Water	13	X	X		X	X	X	X	X								
Temp Blank																					

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS

Metals

*All dissolved constituents need to be Filtered by lab, not field Filtered

See QAPP ☐

TURNAROUND REQUIREMENTS

_____ RUSH (SURCHARGES APPLY)

_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day

Standard

REQUESTED REPORT DATE

_____

REPORT REQUIREMENTS

_____ I. Results Only

_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

_____ III. Results + QC and Calibration Summaries

_____ IV. Data Validation Report with Raw Data

Edata _____ Yes _____ No

INVOICE INFORMATION

PO #

BILL TO:

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	
Printed Name: Ryan Torrey	Printed Name: Jamie Marc	Printed Name	Printed Name		
Firm: TRC	Firm: ALS	Firm	Firm		
Date/Time: 5/24/17 1305	Date/Time: 5/24/17/1305	Date/Time	Date/Time		Date/Time

R1704685
TRC Environmental Corporation
Fortino Tire

Distribution: White - Lab Copy; Yellow - Return to Originator

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Cooler Receipt and Preservation Check Form

R1704685 5
TRC Environmental Corporation
Fortino Tire

Project/Client TRC Folder Number 217-4605

Cooler received on 5/24/17 by: dlm

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	**Perchlorate** samples have required headspace?	Y N (NA)
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Did VOA vials, Alk,or Sulfide have sig* **bubbles**?	Y (N) NA
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	ALS/ROC CLIENT
4	Circle: (Wet Ice) **Dry Ice Gel packs** present?	(Y) N	7	Soil VOA received as:	Bulk Encore (5035set) NA

8. Temperature Readings Date: 5/24/17 Time: 1317 ID: IR#7 (IR#8) From: (Temp Blank) Sample Bottle

Observed Temp (°C)	17.1	17.5	7.8	15.9	5.3		
Correction Factor (°C)	+0.9	+0.9	+0.9	+0.9	+0.9		
Corrected Temp (°C)	18.0	18.4	8.7	16.8	6.2		
Temp from:Type of bottle	Cent tube	Cent tube	Cent tube	Cent tube	Cent tube		
Within 0-6°C?	Y (N)**	Y (N)*	Y (N)**	Y (N)*	Y (N)**	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted (Poorly Packed)** (Same Day Rule)*

&Client Approval to Run Samples: _____ Standing Approval (5/24/17) Client aware at drop-off Client notified by: _____

All samples held in storage location: R-002 by dlm/GEL on 5/24/17 at 1317
5035 samples placed in storage location: R-F09 by " on " at "

Cooler Breakdown: Date: 5/24/17 Time: 1545 by: dlm

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES (NO)* N/A
13. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
Residual Chlorine (-)		For CN Phenol and 522			If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
		$Na_2S_2O_3$	-	-						
		ZnAcetate	-	-						
		HCl	**	**						

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: 041517-ISB, 103116-IBNU

Explain all Discrepancies/ Other Comments:
* The vials for FT-SD-04 have dirt on the outside of the vials.

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

Labels secondary reviewed by: dlm
PC Secondary Review: JMS 5/25/17

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an ñimmediateò hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Delaware Accredited	Nebraska Accredited	
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047	North Carolina #676	Virginia #460167

[1] Analyses were performed according to our laboratoryôs NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
ALS SOP	Soil	Total Solids

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire

Sample Name: FT-SD-01 **Date Collected:** 05/23/17
Lab Code: R1704685-001 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Sample Name: FT-SD-02 **Date Collected:** 05/23/17
Lab Code: R1704685-002 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Sample Name: FT-SD-03 **Date Collected:** 05/23/17
Lab Code: R1704685-003 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire

Sample Name: FT-SD-03 **Date Collected:** 05/23/17
Lab Code: R1704685-003 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Sample Name: FT-SD-04 **Date Collected:** 05/23/17
Lab Code: R1704685-004 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Sample Name: FT-SD-05 **Date Collected:** 05/23/17
Lab Code: R1704685-005 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire

Sample Name: FT-SD-06 **Date Collected:** 05/23/17
Lab Code: R1704685-006 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Sample Name: FT-SD-07 **Date Collected:** 05/23/17
Lab Code: R1704685-007 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Sample Name: FT-SD-08 **Date Collected:** 05/23/17
Lab Code: R1704685-008 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire

Sample Name: FT-SD-08 **Date Collected:** 05/23/17
Lab Code: R1704685-008 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Sample Name: FT-SD-09 **Date Collected:** 05/23/17
Lab Code: R1704685-009 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Sample Name: FT-SD-10 **Date Collected:** 05/24/17
Lab Code: R1704685-010 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire

Sample Name: FT-SD-11 **Date Collected:** 05/24/17
Lab Code: R1704685-011 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

Sample Name: FT-SD-12 **Date Collected:** 05/24/17
Lab Code: R1704685-012 **Date Received:** 05/24/17
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7471B	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		FNAEGLER
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES
ALS SOP		KWONG

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 10:50
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-01	**Units:**	ug/Kg
Lab Code:	R1704685-001	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.6 U	5.6	0.83	.79	05/30/17 15:12	
1,1,2,2-Tetrachloroethane	5.6 U	5.6	0.92	.79	05/30/17 15:12	
1,1,2-Trichloroethane	5.6 U	5.6	0.83	.79	05/30/17 15:12	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.6 U	5.6	1.4	.79	05/30/17 15:12	
1,1-Dichloroethane (1,1-DCA)	5.6 U	5.6	1.5	.79	05/30/17 15:12	
1,1-Dichloroethene (1,1-DCE)	5.6 U	5.6	1.5	.79	05/30/17 15:12	
1,2,3-Trichlorobenzene	5.6 U	5.6	0.70	.79	05/30/17 15:12	
1,2,4-Trichlorobenzene	5.6 U	5.6	0.67	.79	05/30/17 15:12	
1,2-Dibromo-3-chloropropane (DBCP)	5.6 U	5.6	2.2	.79	05/30/17 15:12	
1,2-Dibromoethane	5.6 U	5.6	1.4	.79	05/30/17 15:12	
1,2-Dichlorobenzene	5.6 U	5.6	0.69	.79	05/30/17 15:12	
1,2-Dichloroethane	5.6 U	5.6	0.69	.79	05/30/17 15:12	
1,2-Dichloropropane	5.6 U	5.6	1.1	.79	05/30/17 15:12	
1,3-Dichlorobenzene	5.6 U	5.6	0.72	.79	05/30/17 15:12	
1,4-Dichlorobenzene	5.6 U	5.6	0.64	.79	05/30/17 15:12	
1,4-Dioxane	110 U	110	22	.79	05/30/17 15:12	
2-Butanone (MEK)	**12**	5.6	2.6	.79	05/30/17 15:12	
2-Hexanone	5.6 U	5.6	1.4	.79	05/30/17 15:12	
4-Methyl-2-pentanone	5.6 U	5.6	1.2	.79	05/30/17 15:12	
Acetone	**73**	5.6	3.2	.79	05/30/17 15:12	
Benzene	5.6 U	5.6	0.33	.79	05/30/17 15:12	
Bromochloromethane	5.6 U	5.6	1.6	.79	05/30/17 15:12	
Bromodichloromethane	5.6 U	5.6	0.69	.79	05/30/17 15:12	
Bromoform	5.6 U	5.6	1.1	.79	05/30/17 15:12	
Bromomethane	5.6 U	5.6	1.6	.79	05/30/17 15:12	
Carbon Disulfide	5.6 U	5.6	1.4	.79	05/30/17 15:12	
Carbon Tetrachloride	5.6 U	5.6	1.1	.79	05/30/17 15:12	
Chlorobenzene	5.6 U	5.6	0.33	.79	05/30/17 15:12	
Chloroethane	5.6 U	5.6	3.3	.79	05/30/17 15:12	
Chloroform	5.6 U	5.6	1.5	.79	05/30/17 15:12	
Chloromethane	5.6 U	5.6	0.46	.79	05/30/17 15:12	
Cyclohexane	5.6 U	5.6	1.6	.79	05/30/17 15:12	
Dibromochloromethane	5.6 U	5.6	0.83	.79	05/30/17 15:12	
Dichlorodifluoromethane (CFC 12)	5.6 U	5.6	2.2	.79	05/30/17 15:12	
Dichloromethane	5.6 U	5.6	0.65	.79	05/30/17 15:12	
Ethylbenzene	5.6 U	5.6	0.26	.79	05/30/17 15:12	
Isopropylbenzene (Cumene)	5.6 U	5.6	0.76	.79	05/30/17 15:12	
Methyl Acetate	**3.6 J**	5.6	2.0	.79	05/30/17 15:12	
Methyl tert-Butyl Ether	5.6 U	5.6	1.1	.79	05/30/17 15:12	
Methylcyclohexane	5.6 U	5.6	1.4	.79	05/30/17 15:12	
Styrene	5.6 U	5.6	0.34	.79	05/30/17 15:12	
Tetrachloroethene (PCE)	5.6 U	5.6	1.0	.79	05/30/17 15:12	
Toluene	5.6 U	5.6	1.2	.79	05/30/17 15:12	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 10:50
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-01	**Units:**	ug/Kg
Lab Code:	R1704685-001	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.6 U	5.6	1.2	.79	05/30/17 15:12	
Trichlorofluoromethane (CFC 11)	5.6 U	5.6	0.75	.79	05/30/17 15:12	
Vinyl Chloride	5.6 U	5.6	2.1	.79	05/30/17 15:12	
cis-1,2-Dichloroethene	5.6 U	5.6	1.1	.79	05/30/17 15:12	
cis-1,3-Dichloropropene	5.6 U	5.6	1.1	.79	05/30/17 15:12	
m,p-Xylenes	11 U	11	1.3	.79	05/30/17 15:12	
o-Xylene	5.6 U	5.6	0.55	.79	05/30/17 15:12	
trans-1,2-Dichloroethene	5.6 U	5.6	0.98	.79	05/30/17 15:12	
trans-1,3-Dichloropropene	5.6 U	5.6	0.23	.79	05/30/17 15:12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	51 - 136	05/30/17 15:12	
Dibromofluoromethane	99	63 - 138	05/30/17 15:12	
Toluene-d8	104	66 - 138	05/30/17 15:12	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	9.9	JN

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:05
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-02	**Units:**	ug/Kg
Lab Code:	R1704685-002	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.74	.82	05/30/17 15:36	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.82	.82	05/30/17 15:36	
1,1,2-Trichloroethane	5.0 U	5.0	0.74	.82	05/30/17 15:36	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1.3	.82	05/30/17 15:36	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1.3	.82	05/30/17 15:36	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.3	.82	05/30/17 15:36	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.63	.82	05/30/17 15:36	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.60	.82	05/30/17 15:36	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.9	.82	05/30/17 15:36	
1,2-Dibromoethane	5.0 U	5.0	1.3	.82	05/30/17 15:36	
1,2-Dichlorobenzene	5.0 U	5.0	0.62	.82	05/30/17 15:36	
1,2-Dichloroethane	5.0 U	5.0	0.62	.82	05/30/17 15:36	
1,2-Dichloropropane	5.0 U	5.0	0.98	.82	05/30/17 15:36	
1,3-Dichlorobenzene	5.0 U	5.0	0.64	.82	05/30/17 15:36	
1,4-Dichlorobenzene	5.0 U	5.0	0.57	.82	05/30/17 15:36	
1,4-Dioxane	100 U	100	20	.82	05/30/17 15:36	
2-Butanone (MEK)	**6.8**	5.0	2.4	.82	05/30/17 15:36	
2-Hexanone	5.0 U	5.0	1.3	.82	05/30/17 15:36	
4-Methyl-2-pentanone	5.0 U	5.0	0.99	.82	05/30/17 15:36	
Acetone	**37**	5.0	2.9	.82	05/30/17 15:36	
Benzene	5.0 U	5.0	0.30	.82	05/30/17 15:36	
Bromochloromethane	5.0 U	5.0	1.4	.82	05/30/17 15:36	
Bromodichloromethane	5.0 U	5.0	0.62	.82	05/30/17 15:36	
Bromoform	5.0 U	5.0	0.94	.82	05/30/17 15:36	
Bromomethane	5.0 U	5.0	1.4	.82	05/30/17 15:36	
Carbon Disulfide	5.0 U	5.0	1.3	.82	05/30/17 15:36	
Carbon Tetrachloride	5.0 U	5.0	0.93	.82	05/30/17 15:36	
Chlorobenzene	5.0 U	5.0	0.30	.82	05/30/17 15:36	
Chloroethane	5.0 U	5.0	2.9	.82	05/30/17 15:36	
Chloroform	5.0 U	5.0	1.3	.82	05/30/17 15:36	
Chloromethane	5.0 U	5.0	0.41	.82	05/30/17 15:36	
Cyclohexane	5.0 U	5.0	1.4	.82	05/30/17 15:36	
Dibromochloromethane	5.0 U	5.0	0.74	.82	05/30/17 15:36	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	2.0	.82	05/30/17 15:36	
Dichloromethane	5.0 U	5.0	0.58	.82	05/30/17 15:36	
Ethylbenzene	5.0 U	5.0	0.24	.82	05/30/17 15:36	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.68	.82	05/30/17 15:36	
Methyl Acetate	**5.0 J**	5.0	1.8	.82	05/30/17 15:36	
Methyl tert-Butyl Ether	5.0 U	5.0	0.95	.82	05/30/17 15:36	
Methylcyclohexane	5.0 U	5.0	1.3	.82	05/30/17 15:36	
Styrene	5.0 U	5.0	0.31	.82	05/30/17 15:36	
Tetrachloroethene (PCE)	5.0 U	5.0	0.89	.82	05/30/17 15:36	
Toluene	**4.1 J**	5.0	1.1	.82	05/30/17 15:36	

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:05
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-02	**Units:**	ug/Kg
Lab Code:	R1704685-002	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1.1	.82	05/30/17 15:36	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.67	.82	05/30/17 15:36	
Vinyl Chloride	5.0 U	5.0	1.9	.82	05/30/17 15:36	
cis-1,2-Dichloroethene	5.0 U	5.0	0.96	.82	05/30/17 15:36	
cis-1,3-Dichloropropene	5.0 U	5.0	0.91	.82	05/30/17 15:36	
m,p-Xylenes	10 U	10	1.1	.82	05/30/17 15:36	
o-Xylene	5.0 U	5.0	0.49	.82	05/30/17 15:36	
trans-1,2-Dichloroethene	5.0 U	5.0	0.87	.82	05/30/17 15:36	
trans-1,3-Dichloropropene	5.0 U	5.0	0.21	.82	05/30/17 15:36	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	51 - 136	05/30/17 15:36	
Dibromofluoromethane	98	63 - 138	05/30/17 15:36	
Toluene-d8	105	66 - 138	05/30/17 15:36	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	5.2	JN

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:20
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-03	**Units:**	ug/Kg
Lab Code:	R1704685-003	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.5 U	5.5	0.81	.77	05/30/17 16:00	
1,1,2,2-Tetrachloroethane	5.5 U	5.5	0.90	.77	05/30/17 16:00	
1,1,2-Trichloroethane	5.5 U	5.5	0.81	.77	05/30/17 16:00	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.5 U	5.5	1.4	.77	05/30/17 16:00	
1,1-Dichloroethane (1,1-DCA)	5.5 U	5.5	1.4	.77	05/30/17 16:00	
1,1-Dichloroethene (1,1-DCE)	5.5 U	5.5	1.5	.77	05/30/17 16:00	
1,2,3-Trichlorobenzene	5.5 U	5.5	0.69	.77	05/30/17 16:00	
1,2,4-Trichlorobenzene	5.5 U	5.5	0.65	.77	05/30/17 16:00	
1,2-Dibromo-3-chloropropane (DBCP)	5.5 U	5.5	2.1	.77	05/30/17 16:00	
1,2-Dibromoethane	5.5 U	5.5	1.4	.77	05/30/17 16:00	
1,2-Dichlorobenzene	5.5 U	5.5	0.68	.77	05/30/17 16:00	
1,2-Dichloroethane	5.5 U	5.5	0.68	.77	05/30/17 16:00	
1,2-Dichloropropane	5.5 U	5.5	1.1	.77	05/30/17 16:00	
1,3-Dichlorobenzene	5.5 U	5.5	0.70	.77	05/30/17 16:00	
1,4-Dichlorobenzene	5.5 U	5.5	0.62	.77	05/30/17 16:00	
1,4-Dioxane	110 U	110	22	.77	05/30/17 16:00	
2-Butanone (MEK)	**6.0**	5.5	2.6	.77	05/30/17 16:00	
2-Hexanone	5.5 U	5.5	1.4	.77	05/30/17 16:00	
4-Methyl-2-pentanone	5.5 U	5.5	1.1	.77	05/30/17 16:00	
Acetone	**44**	5.5	3.1	.77	05/30/17 16:00	
Benzene	5.5 U	5.5	0.32	.77	05/30/17 16:00	
Bromochloromethane	5.5 U	5.5	1.5	.77	05/30/17 16:00	
Bromodichloromethane	5.5 U	5.5	0.68	.77	05/30/17 16:00	
Bromoform	5.5 U	5.5	1.1	.77	05/30/17 16:00	
Bromomethane	5.5 U	5.5	1.6	.77	05/30/17 16:00	
Carbon Disulfide	5.5 U	5.5	1.4	.77	05/30/17 16:00	
Carbon Tetrachloride	5.5 U	5.5	1.1	.77	05/30/17 16:00	
Chlorobenzene	5.5 U	5.5	0.32	.77	05/30/17 16:00	
Chloroethane	5.5 U	5.5	3.2	.77	05/30/17 16:00	
Chloroform	5.5 U	5.5	1.4	.77	05/30/17 16:00	
Chloromethane	5.5 U	5.5	0.45	.77	05/30/17 16:00	
Cyclohexane	5.5 U	5.5	1.6	.77	05/30/17 16:00	
Dibromochloromethane	5.5 U	5.5	0.81	.77	05/30/17 16:00	
Dichlorodifluoromethane (CFC 12)	5.5 U	5.5	2.1	.77	05/30/17 16:00	
Dichloromethane	5.5 U	5.5	0.63	.77	05/30/17 16:00	
Ethylbenzene	5.5 U	5.5	0.26	.77	05/30/17 16:00	
Isopropylbenzene (Cumene)	5.5 U	5.5	0.74	.77	05/30/17 16:00	
Methyl Acetate	5.5 U	5.5	2.0	.77	05/30/17 16:00	
Methyl tert-Butyl Ether	5.5 U	5.5	1.1	.77	05/30/17 16:00	
Methylcyclohexane	5.5 U	5.5	1.4	.77	05/30/17 16:00	
Styrene	5.5 U	5.5	0.34	.77	05/30/17 16:00	
Tetrachloroethene (PCE)	5.5 U	5.5	0.97	.77	05/30/17 16:00	
Toluene	5.5 U	5.5	1.2	.77	05/30/17 16:00	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:20
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-03	**Units:**	ug/Kg
Lab Code:	R1704685-003	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.5 U	5.5	1.2	.77	05/30/17 16:00	
Trichlorofluoromethane (CFC 11)	5.5 U	5.5	0.73	.77	05/30/17 16:00	
Vinyl Chloride	5.5 U	5.5	2.1	.77	05/30/17 16:00	
cis-1,2-Dichloroethene	5.5 U	5.5	1.1	.77	05/30/17 16:00	
cis-1,3-Dichloropropene	5.5 U	5.5	1.0	.77	05/30/17 16:00	
m,p-Xylenes	11 U	11	1.3	.77	05/30/17 16:00	
o-Xylene	5.5 U	5.5	0.53	.77	05/30/17 16:00	
trans-1,2-Dichloroethene	5.5 U	5.5	0.95	.77	05/30/17 16:00	
trans-1,3-Dichloropropene	5.5 U	5.5	0.23	.77	05/30/17 16:00	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	51 - 136	05/30/17 16:00	
Dibromofluoromethane	99	63 - 138	05/30/17 16:00	
Toluene-d8	104	66 - 138	05/30/17 16:00	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	6.1	JN
000109-66-0	Pentane	1.56	13	JN
000107-83-5	Pentane, 2-methyl-	2.26	13	JN
	unknown	2.65	6.4	J
000110-54-3	Hexane	2.76	6.0	JN

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 12:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-04	**Units:**	ug/Kg
Lab Code:	R1704685-004	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	7.5 U	7.5	1.1	.9	05/30/17 16:24	
1,1,2,2-Tetrachloroethane	7.5 U	7.5	1.3	.9	05/30/17 16:24	
1,1,2-Trichloroethane	7.5 U	7.5	1.1	.9	05/30/17 16:24	
1,1,2-Trichloro-1,2,2-trifluoroethane	7.5 U	7.5	1.9	.9	05/30/17 16:24	
1,1-Dichloroethane (1,1-DCA)	7.5 U	7.5	1.9	.9	05/30/17 16:24	
1,1-Dichloroethene (1,1-DCE)	7.5 U	7.5	2.0	.9	05/30/17 16:24	
1,2,3-Trichlorobenzene	7.5 U	7.5	0.93	.9	05/30/17 16:24	
1,2,4-Trichlorobenzene	7.5 U	7.5	0.89	.9	05/30/17 16:24	
1,2-Dibromo-3-chloropropane (DBCP)	7.5 U	7.5	2.9	.9	05/30/17 16:24	
1,2-Dibromoethane	7.5 U	7.5	1.9	.9	05/30/17 16:24	
1,2-Dichlorobenzene	7.5 U	7.5	0.92	.9	05/30/17 16:24	
1,2-Dichloroethane	7.5 U	7.5	0.92	.9	05/30/17 16:24	
1,2-Dichloropropane	7.5 U	7.5	1.5	.9	05/30/17 16:24	
1,3-Dichlorobenzene	7.5 U	7.5	0.95	.9	05/30/17 16:24	
1,4-Dichlorobenzene	7.5 U	7.5	0.84	.9	05/30/17 16:24	
1,4-Dioxane	150 U	150	29	.9	05/30/17 16:24	
2-Butanone (MEK)	**28**	7.5	3.5	.9	05/30/17 16:24	
2-Hexanone	**2.6 J**	7.5	1.9	.9	05/30/17 16:24	
4-Methyl-2-pentanone	7.5 U	7.5	1.5	.9	05/30/17 16:24	
Acetone	**84**	7.5	4.3	.9	05/30/17 16:24	
Benzene	7.5 U	7.5	0.44	.9	05/30/17 16:24	
Bromochloromethane	7.5 U	7.5	2.1	.9	05/30/17 16:24	
Bromodichloromethane	7.5 U	7.5	0.92	.9	05/30/17 16:24	
Bromoform	7.5 U	7.5	1.4	.9	05/30/17 16:24	
Bromomethane	7.5 U	7.5	2.1	.9	05/30/17 16:24	
Carbon Disulfide	7.5 U	7.5	1.9	.9	05/30/17 16:24	
Carbon Tetrachloride	7.5 U	7.5	1.4	.9	05/30/17 16:24	
Chlorobenzene	7.5 U	7.5	0.44	.9	05/30/17 16:24	
Chloroethane	7.5 U	7.5	4.3	.9	05/30/17 16:24	
Chloroform	7.5 U	7.5	1.9	.9	05/30/17 16:24	
Chloromethane	7.5 U	7.5	0.60	.9	05/30/17 16:24	
Cyclohexane	7.5 U	7.5	2.1	.9	05/30/17 16:24	
Dibromochloromethane	7.5 U	7.5	1.1	.9	05/30/17 16:24	
Dichlorodifluoromethane (CFC 12)	7.5 U	7.5	2.9	.9	05/30/17 16:24	
Dichloromethane	7.5 U	7.5	0.86	.9	05/30/17 16:24	
Ethylbenzene	7.5 U	7.5	0.35	.9	05/30/17 16:24	
Isopropylbenzene (Cumene)	7.5 U	7.5	1.1	.9	05/30/17 16:24	
Methyl Acetate	**3.2 J**	7.5	2.7	.9	05/30/17 16:24	
Methyl tert-Butyl Ether	7.5 U	7.5	1.5	.9	05/30/17 16:24	
Methylcyclohexane	7.5 U	7.5	1.8	.9	05/30/17 16:24	
Styrene	7.5 U	7.5	0.45	.9	05/30/17 16:24	
Tetrachloroethene (PCE)	7.5 U	7.5	1.4	.9	05/30/17 16:24	
Toluene	7.5 U	7.5	1.5	.9	05/30/17 16:24	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 12:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-04	**Units:**	ug/Kg
Lab Code:	R1704685-004	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	7.5 U	7.5	1.6	.9	05/30/17 16:24	
Trichlorofluoromethane (CFC 11)	7.5 U	7.5	0.99	.9	05/30/17 16:24	
Vinyl Chloride	7.5 U	7.5	2.8	.9	05/30/17 16:24	
cis-1,2-Dichloroethene	7.5 U	7.5	1.5	.9	05/30/17 16:24	
cis-1,3-Dichloropropene	7.5 U	7.5	1.4	.9	05/30/17 16:24	
m,p-Xylenes	15 U	15	1.7	.9	05/30/17 16:24	
o-Xylene	7.5 U	7.5	0.72	.9	05/30/17 16:24	
trans-1,2-Dichloroethene	7.5 U	7.5	1.3	.9	05/30/17 16:24	
trans-1,3-Dichloropropene	7.5 U	7.5	0.30	.9	05/30/17 16:24	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	91	51 - 136	05/30/17 16:24	
Dibromofluoromethane	95	63 - 138	05/30/17 16:24	
Toluene-d8	100	66 - 138	05/30/17 16:24	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000115-11-7	1-Propene, 2-methyl-	1.08	10	JN
000109-66-0	Pentane	1.56	13	JN
000107-83-5	Pentane, 2-methyl-	2.27	9.7	JN

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-05	**Units:**	ug/Kg
Lab Code:	R1704685-005	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	7.2 U	7.2	1.1	.9	05/30/17 16:48	
1,1,2,2-Tetrachloroethane	7.2 U	7.2	1.2	.9	05/30/17 16:48	
1,1,2-Trichloroethane	7.2 U	7.2	1.1	.9	05/30/17 16:48	
1,1,2-Trichloro-1,2,2-trifluoroethane	7.2 U	7.2	1.8	.9	05/30/17 16:48	
1,1-Dichloroethane (1,1-DCA)	7.2 U	7.2	1.8	.9	05/30/17 16:48	
1,1-Dichloroethene (1,1-DCE)	7.2 U	7.2	1.9	.9	05/30/17 16:48	
1,2,3-Trichlorobenzene	7.2 U	7.2	0.90	.9	05/30/17 16:48	
1,2,4-Trichlorobenzene	7.2 U	7.2	0.85	.9	05/30/17 16:48	
1,2-Dibromo-3-chloropropane (DBCP)	7.2 U	7.2	2.7	.9	05/30/17 16:48	
1,2-Dibromoethane	7.2 U	7.2	1.8	.9	05/30/17 16:48	
1,2-Dichlorobenzene	7.2 U	7.2	0.88	.9	05/30/17 16:48	
1,2-Dichloroethane	7.2 U	7.2	0.88	.9	05/30/17 16:48	
1,2-Dichloropropane	7.2 U	7.2	1.4	.9	05/30/17 16:48	
1,3-Dichlorobenzene	7.2 U	7.2	0.91	.9	05/30/17 16:48	
1,4-Dichlorobenzene	7.2 U	7.2	0.81	.9	05/30/17 16:48	
1,4-Dioxane	140 U	140	28	.9	05/30/17 16:48	
2-Butanone (MEK)	7.2 U	7.2	3.3	.9	05/30/17 16:48	
2-Hexanone	7.2 U	7.2	1.8	.9	05/30/17 16:48	
4-Methyl-2-pentanone	7.2 U	7.2	1.5	.9	05/30/17 16:48	
Acetone	**7.1 J**	7.2	4.1	.9	05/30/17 16:48	
Benzene	7.2 U	7.2	0.42	.9	05/30/17 16:48	
Bromochloromethane	7.2 U	7.2	2.0	.9	05/30/17 16:48	
Bromodichloromethane	7.2 U	7.2	0.88	.9	05/30/17 16:48	
Bromoform	7.2 U	7.2	1.4	.9	05/30/17 16:48	
Bromomethane	7.2 U	7.2	2.0	.9	05/30/17 16:48	
Carbon Disulfide	7.2 U	7.2	1.8	.9	05/30/17 16:48	
Carbon Tetrachloride	7.2 U	7.2	1.4	.9	05/30/17 16:48	
Chlorobenzene	7.2 U	7.2	0.42	.9	05/30/17 16:48	
Chloroethane	7.2 U	7.2	4.2	.9	05/30/17 16:48	
Chloroform	7.2 U	7.2	1.9	.9	05/30/17 16:48	
Chloromethane	7.2 U	7.2	0.58	.9	05/30/17 16:48	
Cyclohexane	7.2 U	7.2	2.0	.9	05/30/17 16:48	
Dibromochloromethane	7.2 U	7.2	1.1	.9	05/30/17 16:48	
Dichlorodifluoromethane (CFC 12)	7.2 U	7.2	2.8	.9	05/30/17 16:48	
Dichloromethane	**1.1 BJ**	7.2	0.83	.9	05/30/17 16:48	
Ethylbenzene	7.2 U	7.2	0.34	.9	05/30/17 16:48	
Isopropylbenzene (Cumene)	7.2 U	7.2	0.97	.9	05/30/17 16:48	
Methyl Acetate	**4.2 J**	7.2	2.6	.9	05/30/17 16:48	
Methyl tert-Butyl Ether	7.2 U	7.2	1.4	.9	05/30/17 16:48	
Methylcyclohexane	7.2 U	7.2	1.8	.9	05/30/17 16:48	
Styrene	7.2 U	7.2	0.44	.9	05/30/17 16:48	
Tetrachloroethene (PCE)	7.2 U	7.2	1.3	.9	05/30/17 16:48	
Toluene	7.2 U	7.2	1.5	.9	05/30/17 16:48	

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-05	**Units:**	ug/Kg
Lab Code:	R1704685-005	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	7.2 U	7.2	1.5	.9	05/30/17 16:48	
Trichlorofluoromethane (CFC 11)	7.2 U	7.2	0.96	.9	05/30/17 16:48	
Vinyl Chloride	7.2 U	7.2	2.7	.9	05/30/17 16:48	
cis-1,2-Dichloroethene	7.2 U	7.2	1.4	.9	05/30/17 16:48	
cis-1,3-Dichloropropene	7.2 U	7.2	1.3	.9	05/30/17 16:48	
m,p-Xylenes	14 U	14	1.6	.9	05/30/17 16:48	
o-Xylene	7.2 U	7.2	0.70	.9	05/30/17 16:48	
trans-1,2-Dichloroethene	7.2 U	7.2	1.3	.9	05/30/17 16:48	
trans-1,3-Dichloropropene	7.2 U	7.2	0.29	.9	05/30/17 16:48	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	51 - 136	05/30/17 16:48	
Dibromofluoromethane	97	63 - 138	05/30/17 16:48	
Toluene-d8	103	66 - 138	05/30/17 16:48	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-06	**Units:**	ug/Kg
Lab Code:	R1704685-006	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	6.0 U	6.0	0.88	.85	05/30/17 17:12	
1,1,2,2-Tetrachloroethane	6.0 U	6.0	0.97	.85	05/30/17 17:12	
1,1,2-Trichloroethane	6.0 U	6.0	0.88	.85	05/30/17 17:12	
1,1,2-Trichloro-1,2,2-trifluoroethane	6.0 U	6.0	1.5	.85	05/30/17 17:12	
1,1-Dichloroethane (1,1-DCA)	6.0 U	6.0	1.5	.85	05/30/17 17:12	
1,1-Dichloroethene (1,1-DCE)	6.0 U	6.0	1.6	.85	05/30/17 17:12	
1,2,3-Trichlorobenzene	6.0 U	6.0	0.75	.85	05/30/17 17:12	
1,2,4-Trichlorobenzene	6.0 U	6.0	0.71	.85	05/30/17 17:12	
1,2-Dibromo-3-chloropropane (DBCP)	6.0 U	6.0	2.3	.85	05/30/17 17:12	
1,2-Dibromoethane	6.0 U	6.0	1.5	.85	05/30/17 17:12	
1,2-Dichlorobenzene	6.0 U	6.0	0.73	.85	05/30/17 17:12	
1,2-Dichloroethane	6.0 U	6.0	0.73	.85	05/30/17 17:12	
1,2-Dichloropropane	6.0 U	6.0	1.2	.85	05/30/17 17:12	
1,3-Dichlorobenzene	6.0 U	6.0	0.76	.85	05/30/17 17:12	
1,4-Dichlorobenzene	6.0 U	6.0	0.67	.85	05/30/17 17:12	
1,4-Dioxane	120 U	120	23	.85	05/30/17 17:12	
2-Butanone (MEK)	**17**	6.0	2.8	.85	05/30/17 17:12	
2-Hexanone	6.0 U	6.0	1.5	.85	05/30/17 17:12	
4-Methyl-2-pentanone	6.0 U	6.0	1.2	.85	05/30/17 17:12	
Acetone	**81**	6.0	3.4	.85	05/30/17 17:12	
Benzene	6.0 U	6.0	0.35	.85	05/30/17 17:12	
Bromochloromethane	6.0 U	6.0	1.7	.85	05/30/17 17:12	
Bromodichloromethane	6.0 U	6.0	0.73	.85	05/30/17 17:12	
Bromoform	6.0 U	6.0	1.2	.85	05/30/17 17:12	
Bromomethane	6.0 U	6.0	1.7	.85	05/30/17 17:12	
Carbon Disulfide	6.0 U	6.0	1.5	.85	05/30/17 17:12	
Carbon Tetrachloride	6.0 U	6.0	1.1	.85	05/30/17 17:12	
Chlorobenzene	6.0 U	6.0	0.35	.85	05/30/17 17:12	
Chloroethane	6.0 U	6.0	3.5	.85	05/30/17 17:12	
Chloroform	6.0 U	6.0	1.6	.85	05/30/17 17:12	
Chloromethane	6.0 U	6.0	0.48	.85	05/30/17 17:12	
Cyclohexane	6.0 U	6.0	1.7	.85	05/30/17 17:12	
Dibromochloromethane	6.0 U	6.0	0.88	.85	05/30/17 17:12	
Dichlorodifluoromethane (CFC 12)	6.0 U	6.0	2.3	.85	05/30/17 17:12	
Dichloromethane	6.0 U	6.0	0.69	.85	05/30/17 17:12	
Ethylbenzene	6.0 U	6.0	0.28	.85	05/30/17 17:12	
Isopropylbenzene (Cumene)	6.0 U	6.0	0.81	.85	05/30/17 17:12	
Methyl Acetate	6.0 U	6.0	2.1	.85	05/30/17 17:12	
Methyl tert-Butyl Ether	6.0 U	6.0	1.2	.85	05/30/17 17:12	
Methylcyclohexane	6.0 U	6.0	1.5	.85	05/30/17 17:12	
Styrene	6.0 U	6.0	0.36	.85	05/30/17 17:12	
Tetrachloroethene (PCE)	6.0 U	6.0	1.1	.85	05/30/17 17:12	
Toluene	6.0 U	6.0	1.2	.85	05/30/17 17:12	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-06	**Units:**	ug/Kg
Lab Code:	R1704685-006	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	6.0 U	6.0	1.3	.85	05/30/17 17:12	
Trichlorofluoromethane (CFC 11)	6.0 U	6.0	0.79	.85	05/30/17 17:12	
Vinyl Chloride	6.0 U	6.0	2.2	.85	05/30/17 17:12	
cis-1,2-Dichloroethene	6.0 U	6.0	1.2	.85	05/30/17 17:12	
cis-1,3-Dichloropropene	6.0 U	6.0	1.1	.85	05/30/17 17:12	
m,p-Xylenes	12 U	12	1.4	.85	05/30/17 17:12	
o-Xylene	6.0 U	6.0	0.58	.85	05/30/17 17:12	
trans-1,2-Dichloroethene	6.0 U	6.0	1.1	.85	05/30/17 17:12	
trans-1,3-Dichloropropene	6.0 U	6.0	0.24	.85	05/30/17 17:12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	51 - 136	05/30/17 17:12	
Dibromofluoromethane	97	63 - 138	05/30/17 17:12	
Toluene-d8	102	66 - 138	05/30/17 17:12	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	7.1	JN
	unknown	12.10	6.1	J

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-07	**Units:**	ug/Kg
Lab Code:	R1704685-007	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	19	U	19	2.9	1.33	05/31/17 13:19	
1,1,2,2-Tetrachloroethane	19	U	19	3.2	1.33	05/31/17 13:19	
1,1,2-Trichloroethane	19	U	19	2.9	1.33	05/31/17 13:19	
1,1,2-Trichloro-1,2,2-trifluoroethane	19	U	19	4.8	1.33	05/31/17 13:19	
1,1-Dichloroethane (1,1-DCA)	19	U	19	4.9	1.33	05/31/17 13:19	
1,1-Dichloroethene (1,1-DCE)	19	U	19	5.0	1.33	05/31/17 13:19	
1,2,3-Trichlorobenzene	19	U	19	2.4	1.33	05/31/17 13:19	
1,2,4-Trichlorobenzene	19	U	19	2.3	1.33	05/31/17 13:19	
1,2-Dibromo-3-chloropropane (DBCP)	19	U	19	7.3	1.33	05/31/17 13:19	
1,2-Dibromoethane	19	U	19	4.7	1.33	05/31/17 13:19	
1,2-Dichlorobenzene	19	U	19	2.4	1.33	05/31/17 13:19	
1,2-Dichloroethane	19	U	19	2.4	1.33	05/31/17 13:19	
1,2-Dichloropropane	19	U	19	3.8	1.33	05/31/17 13:19	
1,3-Dichlorobenzene	19	U	19	2.5	1.33	05/31/17 13:19	
1,4-Dichlorobenzene	19	U	19	2.2	1.33	05/31/17 13:19	
1,4-Dioxane	390	U	390	74	1.33	05/31/17 13:19	
2-Butanone (MEK)	**42**		19	8.9	1.33	05/31/17 13:19	
2-Hexanone	**48**		19	4.7	1.33	05/31/17 13:19	
4-Methyl-2-pentanone	19	U	19	3.8	1.33	05/31/17 13:19	
Acetone	**470**		19	11	1.33	05/31/17 13:19	
Benzene	19	U	19	1.2	1.33	05/31/17 13:19	
Bromochloromethane	19	U	19	5.3	1.33	05/31/17 13:19	
Bromodichloromethane	19	U	19	2.4	1.33	05/31/17 13:19	
Bromoform	19	U	19	3.6	1.33	05/31/17 13:19	
Bromomethane	19	U	19	5.4	1.33	05/31/17 13:19	
Carbon Disulfide	19	U	19	4.8	1.33	05/31/17 13:19	
Carbon Tetrachloride	19	U	19	3.6	1.33	05/31/17 13:19	
Chlorobenzene	**1.4**	**J**	19	1.2	1.33	05/31/17 13:19	
Chloroethane	19	U	19	12	1.33	05/31/17 13:19	
Chloroform	19	U	19	4.9	1.33	05/31/17 13:19	
Chloromethane	19	U	19	1.6	1.33	05/31/17 13:19	
Cyclohexane	19	U	19	5.4	1.33	05/31/17 13:19	
Dibromochloromethane	19	U	19	2.9	1.33	05/31/17 13:19	
Dichlorodifluoromethane (CFC 12)	19	U	19	7.4	1.33	05/31/17 13:19	
Dichloromethane	**8.3**	**J**	19	2.3	1.33	05/31/17 13:19	
Ethylbenzene	19	U	19	0.89	1.33	05/31/17 13:19	
Isopropylbenzene (Cumene)	19	U	19	2.6	1.33	05/31/17 13:19	
Methyl Acetate	19	U	19	6.8	1.33	05/31/17 13:19	
Methyl tert-Butyl Ether	19	U	19	3.7	1.33	05/31/17 13:19	
Methylcyclohexane	19	U	19	4.7	1.33	05/31/17 13:19	
Styrene	19	U	19	1.2	1.33	05/31/17 13:19	
Tetrachloroethene (PCE)	19	U	19	3.5	1.33	05/31/17 13:19	
Toluene	19	U	19	3.9	1.33	05/31/17 13:19	

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-07	**Units:**	ug/Kg
Lab Code:	R1704685-007	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	19 U	19	4.0	1.33	05/31/17 13:19	
Trichlorofluoromethane (CFC 11)	19 U	19	2.6	1.33	05/31/17 13:19	
Vinyl Chloride	19 U	19	7.2	1.33	05/31/17 13:19	
cis-1,2-Dichloroethene	19 U	19	3.7	1.33	05/31/17 13:19	
cis-1,3-Dichloropropene	19 U	19	3.5	1.33	05/31/17 13:19	
m,p-Xylenes	39 U	39	4.3	1.33	05/31/17 13:19	
o-Xylene	19 U	19	1.9	1.33	05/31/17 13:19	
trans-1,2-Dichloroethene	19 U	19	3.4	1.33	05/31/17 13:19	
trans-1,3-Dichloropropene	19 U	19	0.78	1.33	05/31/17 13:19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	46 *	51 - 136	05/31/17 13:19	*
Dibromofluoromethane	109	63 - 138	05/31/17 13:19	
Toluene-d8	96	66 - 138	05/31/17 13:19	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	29	JN
	unknown	12.95	100	J
000763-29-1	1-Pentene, 2-methyl-	2.65	20	JN

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-07	**Units:**	ug/Kg
Lab Code:	R1704685-007	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	22	U	22	3.3	1.51	05/30/17 17:36	
1,1,2,2-Tetrachloroethane	22	U	22	3.6	1.51	05/30/17 17:36	
1,1,2-Trichloroethane	22	U	22	3.3	1.51	05/30/17 17:36	
1,1,2-Trichloro-1,2,2-trifluoroethane	22	U	22	5.5	1.51	05/30/17 17:36	
1,1-Dichloroethane (1,1-DCA)	22	U	22	5.5	1.51	05/30/17 17:36	
1,1-Dichloroethene (1,1-DCE)	22	U	22	5.7	1.51	05/30/17 17:36	
1,2,3-Trichlorobenzene	22	U	22	2.8	1.51	05/30/17 17:36	
1,2,4-Trichlorobenzene	22	U	22	2.6	1.51	05/30/17 17:36	
1,2-Dibromo-3-chloropropane (DBCP)	22	U	22	8.3	1.51	05/30/17 17:36	
1,2-Dibromoethane	22	U	22	5.4	1.51	05/30/17 17:36	
1,2-Dichlorobenzene	22	U	22	2.7	1.51	05/30/17 17:36	
1,2-Dichloroethane	22	U	22	2.7	1.51	05/30/17 17:36	
1,2-Dichloropropane	22	U	22	4.3	1.51	05/30/17 17:36	
1,3-Dichlorobenzene	22	U	22	2.8	1.51	05/30/17 17:36	
1,4-Dichlorobenzene	22	U	22	2.5	1.51	05/30/17 17:36	
1,4-Dioxane	440	U	440	84	1.51	05/30/17 17:36	
2-Butanone (MEK)	**38**		22	11	1.51	05/30/17 17:36	
2-Hexanone	**68**		22	5.4	1.51	05/30/17 17:36	
4-Methyl-2-pentanone	22	U	22	4.4	1.51	05/30/17 17:36	
Acetone	**530**		22	13	1.51	05/30/17 17:36	
Benzene	22	U	22	1.3	1.51	05/30/17 17:36	
Bromochloromethane	22	U	22	6.0	1.51	05/30/17 17:36	
Bromodichloromethane	22	U	22	2.7	1.51	05/30/17 17:36	
Bromoform	22	U	22	4.1	1.51	05/30/17 17:36	
Bromomethane	22	U	22	6.1	1.51	05/30/17 17:36	
Carbon Disulfide	22	U	22	5.5	1.51	05/30/17 17:36	
Carbon Tetrachloride	22	U	22	4.1	1.51	05/30/17 17:36	
Chlorobenzene	**1.5**	**J**	22	1.3	1.51	05/30/17 17:36	
Chloroethane	22	U	22	13	1.51	05/30/17 17:36	
Chloroform	22	U	22	5.6	1.51	05/30/17 17:36	
Chloromethane	22	U	22	1.8	1.51	05/30/17 17:36	
Cyclohexane	22	U	22	6.1	1.51	05/30/17 17:36	
Dibromochloromethane	22	U	22	3.3	1.51	05/30/17 17:36	
Dichlorodifluoromethane (CFC 12)	22	U	22	8.3	1.51	05/30/17 17:36	
Dichloromethane	**9.0**	**BJ**	22	2.6	1.51	05/30/17 17:36	
Ethylbenzene	22	U	22	1.1	1.51	05/30/17 17:36	
Isopropylbenzene (Cumene)	22	U	22	3.0	1.51	05/30/17 17:36	
Methyl Acetate	22	U	22	7.7	1.51	05/30/17 17:36	
Methyl tert-Butyl Ether	22	U	22	4.2	1.51	05/30/17 17:36	
Methylcyclohexane	22	U	22	5.3	1.51	05/30/17 17:36	
Styrene	22	U	22	1.4	1.51	05/30/17 17:36	
Tetrachloroethene (PCE)	22	U	22	3.9	1.51	05/30/17 17:36	
Toluene	22	U	22	4.4	1.51	05/30/17 17:36	

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-07	**Units:**	ug/Kg
Lab Code:	R1704685-007	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	22 U	22	4.5	1.51	05/30/17 17:36	
Trichlorofluoromethane (CFC 11)	22 U	22	2.9	1.51	05/30/17 17:36	
Vinyl Chloride	22 U	22	8.1	1.51	05/30/17 17:36	
cis-1,2-Dichloroethene	22 U	22	4.2	1.51	05/30/17 17:36	
cis-1,3-Dichloropropene	22 U	22	4.0	1.51	05/30/17 17:36	
m,p-Xylenes	44 U	44	4.8	1.51	05/30/17 17:36	
o-Xylene	22 U	22	2.2	1.51	05/30/17 17:36	
trans-1,2-Dichloroethene	22 U	22	3.8	1.51	05/30/17 17:36	
trans-1,3-Dichloropropene	22 U	22	0.88	1.51	05/30/17 17:36	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	50 *	51 - 136	05/30/17 17:36	*
Dibromofluoromethane	106	63 - 138	05/30/17 17:36	
Toluene-d8	96	66 - 138	05/30/17 17:36	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	36	JN
000106-68-3	3-Octanone	12.95	140	JN

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-08	**Units:**	ug/Kg
Lab Code:	R1704685-008	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	7.0 U	7.0	1.1	.72	05/30/17 18:00	
1,1,2,2-Tetrachloroethane	7.0 U	7.0	1.2	.72	05/30/17 18:00	
1,1,2-Trichloroethane	7.0 U	7.0	1.1	.72	05/30/17 18:00	
1,1,2-Trichloro-1,2,2-trifluoroethane	7.0 U	7.0	1.8	.72	05/30/17 18:00	
1,1-Dichloroethane (1,1-DCA)	7.0 U	7.0	1.8	.72	05/30/17 18:00	
1,1-Dichloroethene (1,1-DCE)	7.0 U	7.0	1.8	.72	05/30/17 18:00	
1,2,3-Trichlorobenzene	7.0 U	7.0	0.87	.72	05/30/17 18:00	
1,2,4-Trichlorobenzene	7.0 U	7.0	0.83	.72	05/30/17 18:00	
1,2-Dibromo-3-chloropropane (DBCP)	7.0 U	7.0	2.7	.72	05/30/17 18:00	
1,2-Dibromoethane	7.0 U	7.0	1.7	.72	05/30/17 18:00	
1,2-Dichlorobenzene	7.0 U	7.0	0.86	.72	05/30/17 18:00	
1,2-Dichloroethane	7.0 U	7.0	0.86	.72	05/30/17 18:00	
1,2-Dichloropropane	7.0 U	7.0	1.4	.72	05/30/17 18:00	
1,3-Dichlorobenzene	7.0 U	7.0	0.89	.72	05/30/17 18:00	
1,4-Dichlorobenzene	7.0 U	7.0	0.79	.72	05/30/17 18:00	
1,4-Dioxane	140 U	140	27	.72	05/30/17 18:00	
2-Butanone (MEK)	**5.1 J**	7.0	3.3	.72	05/30/17 18:00	
2-Hexanone	7.0 U	7.0	1.7	.72	05/30/17 18:00	
4-Methyl-2-pentanone	7.0 U	7.0	1.4	.72	05/30/17 18:00	
Acetone	**40**	7.0	4.0	.72	05/30/17 18:00	
Benzene	7.0 U	7.0	0.41	.72	05/30/17 18:00	
Bromochloromethane	7.0 U	7.0	2.0	.72	05/30/17 18:00	
Bromodichloromethane	7.0 U	7.0	0.86	.72	05/30/17 18:00	
Bromoform	7.0 U	7.0	1.4	.72	05/30/17 18:00	
Bromomethane	7.0 U	7.0	2.0	.72	05/30/17 18:00	
Carbon Disulfide	7.0 U	7.0	1.8	.72	05/30/17 18:00	
Carbon Tetrachloride	7.0 U	7.0	1.3	.72	05/30/17 18:00	
Chlorobenzene	7.0 U	7.0	0.41	.72	05/30/17 18:00	
Chloroethane	7.0 U	7.0	4.1	.72	05/30/17 18:00	
Chloroform	7.0 U	7.0	1.8	.72	05/30/17 18:00	
Chloromethane	7.0 U	7.0	0.56	.72	05/30/17 18:00	
Cyclohexane	7.0 U	7.0	2.0	.72	05/30/17 18:00	
Dibromochloromethane	7.0 U	7.0	1.1	.72	05/30/17 18:00	
Dichlorodifluoromethane (CFC 12)	7.0 U	7.0	2.7	.72	05/30/17 18:00	
Dichloromethane	7.0 U	7.0	0.80	.72	05/30/17 18:00	
Ethylbenzene	7.0 U	7.0	0.33	.72	05/30/17 18:00	
Isopropylbenzene (Cumene)	7.0 U	7.0	0.94	.72	05/30/17 18:00	
Methyl Acetate	7.0 U	7.0	2.5	.72	05/30/17 18:00	
Methyl tert-Butyl Ether	7.0 U	7.0	1.4	.72	05/30/17 18:00	
Methylcyclohexane	7.0 U	7.0	1.7	.72	05/30/17 18:00	
Styrene	7.0 U	7.0	0.42	.72	05/30/17 18:00	
Tetrachloroethene (PCE)	7.0 U	7.0	1.3	.72	05/30/17 18:00	
Toluene	7.0 U	7.0	1.4	.72	05/30/17 18:00	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-08	**Units:**	ug/Kg
Lab Code:	R1704685-008	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	7.0 U	7.0	1.5	.72	05/30/17 18:00	
Trichlorofluoromethane (CFC 11)	7.0 U	7.0	0.93	.72	05/30/17 18:00	
Vinyl Chloride	7.0 U	7.0	2.6	.72	05/30/17 18:00	
cis-1,2-Dichloroethene	7.0 U	7.0	1.4	.72	05/30/17 18:00	
cis-1,3-Dichloropropene	7.0 U	7.0	1.3	.72	05/30/17 18:00	
m,p-Xylenes	14 U	14	1.6	.72	05/30/17 18:00	
o-Xylene	7.0 U	7.0	0.68	.72	05/30/17 18:00	
trans-1,2-Dichloroethene	7.0 U	7.0	1.3	.72	05/30/17 18:00	
trans-1,3-Dichloropropene	7.0 U	7.0	0.28	.72	05/30/17 18:00	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	51 - 136	05/30/17 18:00	
Dibromofluoromethane	100	63 - 138	05/30/17 18:00	
Toluene-d8	105	66 - 138	05/30/17 18:00	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	12.10	7.3	J

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-09	**Units:**	ug/Kg
Lab Code:	R1704685-009	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.2 U	5.2	0.76	.82	05/30/17 18:25	
1,1,2,2-Tetrachloroethane	5.2 U	5.2	0.84	.82	05/30/17 18:25	
1,1,2-Trichloroethane	5.2 U	5.2	0.76	.82	05/30/17 18:25	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.2 U	5.2	1.3	.82	05/30/17 18:25	
1,1-Dichloroethane (1,1-DCA)	5.2 U	5.2	1.3	.82	05/30/17 18:25	
1,1-Dichloroethene (1,1-DCE)	5.2 U	5.2	1.4	.82	05/30/17 18:25	
1,2,3-Trichlorobenzene	5.2 U	5.2	0.64	.82	05/30/17 18:25	
1,2,4-Trichlorobenzene	5.2 U	5.2	0.61	.82	05/30/17 18:25	
1,2-Dibromo-3-chloropropane (DBCP)	5.2 U	5.2	2.0	.82	05/30/17 18:25	
1,2-Dibromoethane	5.2 U	5.2	1.3	.82	05/30/17 18:25	
1,2-Dichlorobenzene	5.2 U	5.2	0.63	.82	05/30/17 18:25	
1,2-Dichloroethane	5.2 U	5.2	0.63	.82	05/30/17 18:25	
1,2-Dichloropropane	5.2 U	5.2	1.1	.82	05/30/17 18:25	
1,3-Dichlorobenzene	5.2 U	5.2	0.65	.82	05/30/17 18:25	
1,4-Dichlorobenzene	5.2 U	5.2	0.58	.82	05/30/17 18:25	
1,4-Dioxane	100 U	100	20	.82	05/30/17 18:25	
2-Butanone (MEK)	**2.6 J**	5.2	2.4	.82	05/30/17 18:25	
2-Hexanone	5.2 U	5.2	1.3	.82	05/30/17 18:25	
4-Methyl-2-pentanone	5.2 U	5.2	1.1	.82	05/30/17 18:25	
Acetone	**15**	5.2	2.9	.82	05/30/17 18:25	
Benzene	5.2 U	5.2	0.30	.82	05/30/17 18:25	
Bromochloromethane	5.2 U	5.2	1.5	.82	05/30/17 18:25	
Bromodichloromethane	5.2 U	5.2	0.63	.82	05/30/17 18:25	
Bromoform	5.2 U	5.2	0.96	.82	05/30/17 18:25	
Bromomethane	5.2 U	5.2	1.5	.82	05/30/17 18:25	
Carbon Disulfide	5.2 U	5.2	1.3	.82	05/30/17 18:25	
Carbon Tetrachloride	5.2 U	5.2	0.95	.82	05/30/17 18:25	
Chlorobenzene	5.2 U	5.2	0.30	.82	05/30/17 18:25	
Chloroethane	5.2 U	5.2	3.0	.82	05/30/17 18:25	
Chloroform	5.2 U	5.2	1.3	.82	05/30/17 18:25	
Chloromethane	5.2 U	5.2	0.42	.82	05/30/17 18:25	
Cyclohexane	5.2 U	5.2	1.5	.82	05/30/17 18:25	
Dibromochloromethane	5.2 U	5.2	0.76	.82	05/30/17 18:25	
Dichlorodifluoromethane (CFC 12)	5.2 U	5.2	2.0	.82	05/30/17 18:25	
Dichloromethane	5.2 U	5.2	0.59	.82	05/30/17 18:25	
Ethylbenzene	5.2 U	5.2	0.24	.82	05/30/17 18:25	
Isopropylbenzene (Cumene)	5.2 U	5.2	0.70	.82	05/30/17 18:25	
Methyl Acetate	**5.4**	5.2	1.9	.82	05/30/17 18:25	
Methyl tert-Butyl Ether	5.2 U	5.2	0.97	.82	05/30/17 18:25	
Methylcyclohexane	5.2 U	5.2	1.3	.82	05/30/17 18:25	
Styrene	5.2 U	5.2	0.31	.82	05/30/17 18:25	
Tetrachloroethene (PCE)	5.2 U	5.2	0.91	.82	05/30/17 18:25	
Toluene	5.2 U	5.2	1.1	.82	05/30/17 18:25	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-09	**Units:**	ug/Kg
Lab Code:	R1704685-009	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.2 U	5.2	1.1	.82	05/30/17 18:25	
Trichlorofluoromethane (CFC 11)	5.2 U	5.2	0.69	.82	05/30/17 18:25	
Vinyl Chloride	5.2 U	5.2	1.9	.82	05/30/17 18:25	
cis-1,2-Dichloroethene	5.2 U	5.2	0.98	.82	05/30/17 18:25	
cis-1,3-Dichloropropene	5.2 U	5.2	0.93	.82	05/30/17 18:25	
m,p-Xylenes	10 U	10	1.2	.82	05/30/17 18:25	
o-Xylene	5.2 U	5.2	0.50	.82	05/30/17 18:25	
trans-1,2-Dichloroethene	5.2 U	5.2	0.89	.82	05/30/17 18:25	
trans-1,3-Dichloropropene	5.2 U	5.2	0.21	.82	05/30/17 18:25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	51 - 136	05/30/17 18:25	
Dibromofluoromethane	98	63 - 138	05/30/17 18:25	
Toluene-d8	104	66 - 138	05/30/17 18:25	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	1.31	5.4	J
000109-66-0	Pentane	1.56	12	JN
000107-83-5	Pentane, 2-methyl-	2.26	8.0	JN
000763-29-1	1-Pentene, 2-methyl-	2.65	6.0	JN

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-10	**Units:**	ug/Kg
Lab Code:	R1704685-010	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.74	.77	05/31/17 13:43	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.82	.77	05/31/17 13:43	
1,1,2-Trichloroethane	5.0 U	5.0	0.74	.77	05/31/17 13:43	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1.3	.77	05/31/17 13:43	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1.3	.77	05/31/17 13:43	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.3	.77	05/31/17 13:43	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.63	.77	05/31/17 13:43	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.60	.77	05/31/17 13:43	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.9	.77	05/31/17 13:43	
1,2-Dibromoethane	5.0 U	5.0	1.3	.77	05/31/17 13:43	
1,2-Dichlorobenzene	5.0 U	5.0	0.62	.77	05/31/17 13:43	
1,2-Dichloroethane	5.0 U	5.0	0.62	.77	05/31/17 13:43	
1,2-Dichloropropane	5.0 U	5.0	0.98	.77	05/31/17 13:43	
1,3-Dichlorobenzene	5.0 U	5.0	0.64	.77	05/31/17 13:43	
1,4-Dichlorobenzene	5.0 U	5.0	0.57	.77	05/31/17 13:43	
1,4-Dioxane	100 U	100	20	.77	05/31/17 13:43	
2-Butanone (MEK)	**7.9**	5.0	2.4	.77	05/31/17 13:43	
2-Hexanone	5.0 U	5.0	1.3	.77	05/31/17 13:43	
4-Methyl-2-pentanone	5.0 U	5.0	0.99	.77	05/31/17 13:43	
Acetone	**75**	5.0	2.9	.77	05/31/17 13:43	
Benzene	5.0 U	5.0	0.30	.77	05/31/17 13:43	
Bromochloromethane	5.0 U	5.0	1.4	.77	05/31/17 13:43	
Bromodichloromethane	5.0 U	5.0	0.62	.77	05/31/17 13:43	
Bromoform	5.0 U	5.0	0.94	.77	05/31/17 13:43	
Bromomethane	5.0 U	5.0	1.4	.77	05/31/17 13:43	
Carbon Disulfide	5.0 U	5.0	1.3	.77	05/31/17 13:43	
Carbon Tetrachloride	5.0 U	5.0	0.93	.77	05/31/17 13:43	
Chlorobenzene	5.0 U	5.0	0.30	.77	05/31/17 13:43	
Chloroethane	5.0 U	5.0	2.9	.77	05/31/17 13:43	
Chloroform	5.0 U	5.0	1.3	.77	05/31/17 13:43	
Chloromethane	5.0 U	5.0	0.41	.77	05/31/17 13:43	
Cyclohexane	5.0 U	5.0	1.4	.77	05/31/17 13:43	
Dibromochloromethane	5.0 U	5.0	0.74	.77	05/31/17 13:43	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	2.0	.77	05/31/17 13:43	
Dichloromethane	5.0 U	5.0	0.58	.77	05/31/17 13:43	
Ethylbenzene	5.0 U	5.0	0.24	.77	05/31/17 13:43	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.68	.77	05/31/17 13:43	
Methyl Acetate	5.0 U	5.0	1.8	.77	05/31/17 13:43	
Methyl tert-Butyl Ether	5.0 U	5.0	0.95	.77	05/31/17 13:43	
Methylcyclohexane	5.0 U	5.0	1.3	.77	05/31/17 13:43	
Styrene	5.0 U	5.0	0.31	.77	05/31/17 13:43	
Tetrachloroethene (PCE)	5.0 U	5.0	0.89	.77	05/31/17 13:43	
Toluene	5.0 U	5.0	1.1	.77	05/31/17 13:43	

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-10	**Units:**	ug/Kg
Lab Code:	R1704685-010	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1.1	.77	05/31/17 13:43	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.67	.77	05/31/17 13:43	
Vinyl Chloride	5.0 U	5.0	1.9	.77	05/31/17 13:43	
cis-1,2-Dichloroethene	5.0 U	5.0	0.96	.77	05/31/17 13:43	
cis-1,3-Dichloropropene	5.0 U	5.0	0.91	.77	05/31/17 13:43	
m,p-Xylenes	10 U	10	1.1	.77	05/31/17 13:43	
o-Xylene	5.0 U	5.0	0.49	.77	05/31/17 13:43	
trans-1,2-Dichloroethene	5.0 U	5.0	0.87	.77	05/31/17 13:43	
trans-1,3-Dichloropropene	5.0 U	5.0	0.21	.77	05/31/17 13:43	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	51 - 136	05/31/17 13:43	
Dibromofluoromethane	96	63 - 138	05/31/17 13:43	
Toluene-d8	104	66 - 138	05/31/17 13:43	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	5.6	JN

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-11	**Units:**	ug/Kg
Lab Code:	R1704685-011	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.3 U	5.3	0.77	.76	05/30/17 19:13	
1,1,2,2-Tetrachloroethane	5.3 U	5.3	0.86	.76	05/30/17 19:13	
1,1,2-Trichloroethane	5.3 U	5.3	0.77	.76	05/30/17 19:13	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.3 U	5.3	1.4	.76	05/30/17 19:13	
1,1-Dichloroethane (1,1-DCA)	5.3 U	5.3	1.4	.76	05/30/17 19:13	
1,1-Dichloroethene (1,1-DCE)	5.3 U	5.3	1.4	.76	05/30/17 19:13	
1,2,3-Trichlorobenzene	5.3 U	5.3	0.66	.76	05/30/17 19:13	
1,2,4-Trichlorobenzene	5.3 U	5.3	0.63	.76	05/30/17 19:13	
1,2-Dibromo-3-chloropropane (DBCP)	5.3 U	5.3	2.0	.76	05/30/17 19:13	
1,2-Dibromoethane	5.3 U	5.3	1.3	.76	05/30/17 19:13	
1,2-Dichlorobenzene	5.3 U	5.3	0.65	.76	05/30/17 19:13	
1,2-Dichloroethane	5.3 U	5.3	0.65	.76	05/30/17 19:13	
1,2-Dichloropropane	5.3 U	5.3	1.1	.76	05/30/17 19:13	
1,3-Dichlorobenzene	5.3 U	5.3	0.67	.76	05/30/17 19:13	
1,4-Dichlorobenzene	5.3 U	5.3	0.59	.76	05/30/17 19:13	
1,4-Dioxane	110 U	110	21	.76	05/30/17 19:13	
2-Butanone (MEK)	**3.8 J**	5.3	2.5	.76	05/30/17 19:13	
2-Hexanone	5.3 U	5.3	1.3	.76	05/30/17 19:13	
4-Methyl-2-pentanone	5.3 U	5.3	1.1	.76	05/30/17 19:13	
Acetone	**15**	5.3	3.0	.76	05/30/17 19:13	
Benzene	5.3 U	5.3	0.31	.76	05/30/17 19:13	
Bromochloromethane	5.3 U	5.3	1.5	.76	05/30/17 19:13	
Bromodichloromethane	5.3 U	5.3	0.65	.76	05/30/17 19:13	
Bromoform	5.3 U	5.3	0.98	.76	05/30/17 19:13	
Bromomethane	5.3 U	5.3	1.5	.76	05/30/17 19:13	
Carbon Disulfide	5.3 U	5.3	1.4	.76	05/30/17 19:13	
Carbon Tetrachloride	5.3 U	5.3	0.97	.76	05/30/17 19:13	
Chlorobenzene	5.3 U	5.3	0.31	.76	05/30/17 19:13	
Chloroethane	5.3 U	5.3	3.1	.76	05/30/17 19:13	
Chloroform	5.3 U	5.3	1.4	.76	05/30/17 19:13	
Chloromethane	5.3 U	5.3	0.43	.76	05/30/17 19:13	
Cyclohexane	5.3 U	5.3	1.5	.76	05/30/17 19:13	
Dibromochloromethane	5.3 U	5.3	0.77	.76	05/30/17 19:13	
Dichlorodifluoromethane (CFC 12)	5.3 U	5.3	2.0	.76	05/30/17 19:13	
Dichloromethane	5.3 U	5.3	0.61	.76	05/30/17 19:13	
Ethylbenzene	5.3 U	5.3	0.25	.76	05/30/17 19:13	
Isopropylbenzene (Cumene)	5.3 U	5.3	0.71	.76	05/30/17 19:13	
Methyl Acetate	5.3 U	5.3	1.9	.76	05/30/17 19:13	
Methyl tert-Butyl Ether	5.3 U	5.3	0.99	.76	05/30/17 19:13	
Methylcyclohexane	5.3 U	5.3	1.3	.76	05/30/17 19:13	
Styrene	5.3 U	5.3	0.32	.76	05/30/17 19:13	
Tetrachloroethene (PCE)	5.3 U	5.3	0.93	.76	05/30/17 19:13	
Toluene	5.3 U	5.3	1.1	.76	05/30/17 19:13	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-11	**Units:**	ug/Kg
Lab Code:	R1704685-011	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.3 U	5.3	1.1	.76	05/30/17 19:13	
Trichlorofluoromethane (CFC 11)	5.3 U	5.3	0.70	.76	05/30/17 19:13	
Vinyl Chloride	5.3 U	5.3	2.0	.76	05/30/17 19:13	
cis-1,2-Dichloroethene	5.3 U	5.3	1.0	.76	05/30/17 19:13	
cis-1,3-Dichloropropene	5.3 U	5.3	0.95	.76	05/30/17 19:13	
m,p-Xylenes	11 U	11	1.2	.76	05/30/17 19:13	
o-Xylene	5.3 U	5.3	0.51	.76	05/30/17 19:13	
trans-1,2-Dichloroethene	5.3 U	5.3	0.91	.76	05/30/17 19:13	
trans-1,3-Dichloropropene	5.3 U	5.3	0.22	.76	05/30/17 19:13	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	51 - 136	05/30/17 19:13	
Dibromofluoromethane	99	63 - 138	05/30/17 19:13	
Toluene-d8	105	66 - 138	05/30/17 19:13	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
000109-66-0	Pentane	1.56	12	JN
	unknown	12.10	5.3	J
000107-83-5	Pentane, 2-methyl-	2.26	8.4	JN
	unknown	2.65	6.2	J

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-12	**Units:**	ug/Kg
Lab Code:	R1704685-012	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	11 U	11	1.7	1.13	05/30/17 19:37	
1,1,2,2-Tetrachloroethane	11 U	11	1.9	1.13	05/30/17 19:37	
1,1,2-Trichloroethane	11 U	11	1.7	1.13	05/30/17 19:37	
1,1,2-Trichloro-1,2,2-trifluoroethane	11 U	11	2.9	1.13	05/30/17 19:37	
1,1-Dichloroethane (1,1-DCA)	11 U	11	2.9	1.13	05/30/17 19:37	
1,1-Dichloroethene (1,1-DCE)	11 U	11	3.0	1.13	05/30/17 19:37	
1,2,3-Trichlorobenzene	11 U	11	1.5	1.13	05/30/17 19:37	
1,2,4-Trichlorobenzene	11 U	11	1.4	1.13	05/30/17 19:37	
1,2-Dibromo-3-chloropropane (DBCP)	11 U	11	4.3	1.13	05/30/17 19:37	
1,2-Dibromoethane	11 U	11	2.8	1.13	05/30/17 19:37	
1,2-Dichlorobenzene	11 U	11	1.4	1.13	05/30/17 19:37	
1,2-Dichloroethane	11 U	11	1.4	1.13	05/30/17 19:37	
1,2-Dichloropropane	11 U	11	2.3	1.13	05/30/17 19:37	
1,3-Dichlorobenzene	11 U	11	1.5	1.13	05/30/17 19:37	
1,4-Dichlorobenzene	11 U	11	1.3	1.13	05/30/17 19:37	
1,4-Dioxane	230 U	230	44	1.13	05/30/17 19:37	
2-Butanone (MEK)	**19**	11	5.3	1.13	05/30/17 19:37	
2-Hexanone	11 U	11	2.8	1.13	05/30/17 19:37	
4-Methyl-2-pentanone	11 U	11	2.3	1.13	05/30/17 19:37	
Acetone	**180**	11	6.5	1.13	05/30/17 19:37	
Benzene	11 U	11	0.67	1.13	05/30/17 19:37	
Bromochloromethane	11 U	11	3.2	1.13	05/30/17 19:37	
Bromodichloromethane	11 U	11	1.4	1.13	05/30/17 19:37	
Bromoform	11 U	11	2.2	1.13	05/30/17 19:37	
Bromomethane	11 U	11	3.2	1.13	05/30/17 19:37	
Carbon Disulfide	11 U	11	2.9	1.13	05/30/17 19:37	
Carbon Tetrachloride	11 U	11	2.2	1.13	05/30/17 19:37	
Chlorobenzene	11 U	11	0.67	1.13	05/30/17 19:37	
Chloroethane	11 U	11	6.6	1.13	05/30/17 19:37	
Chloroform	11 U	11	2.9	1.13	05/30/17 19:37	
Chloromethane	11 U	11	0.92	1.13	05/30/17 19:37	
Cyclohexane	11 U	11	3.2	1.13	05/30/17 19:37	
Dibromochloromethane	11 U	11	1.7	1.13	05/30/17 19:37	
Dichlorodifluoromethane (CFC 12)	11 U	11	4.4	1.13	05/30/17 19:37	
Dichloromethane	**2.0 BJ**	11	1.4	1.13	05/30/17 19:37	
Ethylbenzene	11 U	11	0.53	1.13	05/30/17 19:37	
Isopropylbenzene (Cumene)	11 U	11	1.6	1.13	05/30/17 19:37	
Methyl Acetate	**5.6 J**	11	4.0	1.13	05/30/17 19:37	
Methyl tert-Butyl Ether	11 U	11	2.2	1.13	05/30/17 19:37	
Methylcyclohexane	11 U	11	2.8	1.13	05/30/17 19:37	
Styrene	11 U	11	0.69	1.13	05/30/17 19:37	
Tetrachloroethene (PCE)	11 U	11	2.1	1.13	05/30/17 19:37	
Toluene	11 U	11	2.3	1.13	05/30/17 19:37	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-12	**Units:**	ug/Kg
Lab Code:	R1704685-012	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	11 U	11	2.4	1.13	05/30/17 19:37	
Trichlorofluoromethane (CFC 11)	11 U	11	1.6	1.13	05/30/17 19:37	
Vinyl Chloride	11 U	11	4.3	1.13	05/30/17 19:37	
cis-1,2-Dichloroethene	11 U	11	2.2	1.13	05/30/17 19:37	
cis-1,3-Dichloropropene	11 U	11	2.1	1.13	05/30/17 19:37	
m,p-Xylenes	23 U	23	2.5	1.13	05/30/17 19:37	
o-Xylene	11 U	11	1.1	1.13	05/30/17 19:37	
trans-1,2-Dichloroethene	11 U	11	2.0	1.13	05/30/17 19:37	
trans-1,3-Dichloropropene	11 U	11	0.46	1.13	05/30/17 19:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	51 - 136	05/30/17 19:37	
Dibromofluoromethane	97	63 - 138	05/30/17 19:37	
Toluene-d8	104	66 - 138	05/30/17 19:37	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	unknown	1.56	17	J

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 10:50
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-01	**Units:**	ug/Kg
Lab Code:	R1704685-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	470 U	470	120	1	05/31/17 18:52	5/31/17	
2,3,4,6-Tetrachlorophenol	470 U	470	130	1	05/31/17 18:52	5/31/17	
2,4,5-Trichlorophenol	470 U	470	84	1	05/31/17 18:52	5/31/17	
2,4,6-Trichlorophenol	470 U	470	55	1	05/31/17 18:52	5/31/17	
2,4-Dichlorophenol	470 U	470	82	1	05/31/17 18:52	5/31/17	
2,4-Dimethylphenol	470 U	470	86	1	05/31/17 18:52	5/31/17	
2,4-Dinitrophenol	2400 U	2400	360	1	05/31/17 18:52	5/31/17	
2,4-Dinitrotoluene	470 U	470	89	1	05/31/17 18:52	5/31/17	
2,6-Dinitrotoluene	470 U	470	120	1	05/31/17 18:52	5/31/17	
2-Chloronaphthalene	470 U	470	73	1	05/31/17 18:52	5/31/17	
2-Chlorophenol	470 U	470	61	1	05/31/17 18:52	5/31/17	
2-Methylnaphthalene	470 U	470	76	1	05/31/17 18:52	5/31/17	
2-Methylphenol	470 U	470	97	1	05/31/17 18:52	5/31/17	
2-Nitroaniline	2400 U	2400	310	1	05/31/17 18:52	5/31/17	
2-Nitrophenol	470 U	470	65	1	05/31/17 18:52	5/31/17	
3,3'-Dichlorobenzidine	470 U	470	91	1	05/31/17 18:52	5/31/17	
3- and 4-Methylphenol Coelution	470 U	470	180	1	05/31/17 18:52	5/31/17	
3-Nitroaniline	2400 U	2400	470	1	05/31/17 18:52	5/31/17	
4,6-Dinitro-2-methylphenol	2400 U	2400	480	1	05/31/17 18:52	5/31/17	
4-Bromophenyl Phenyl Ether	470 U	470	89	1	05/31/17 18:52	5/31/17	
4-Chloro-3-methylphenol	470 U	470	74	1	05/31/17 18:52	5/31/17	
4-Chloroaniline	470 U	470	91	1	05/31/17 18:52	5/31/17	
4-Chlorophenyl Phenyl Ether	470 U	470	82	1	05/31/17 18:52	5/31/17	
4-Nitroaniline	2400 U	2400	350	1	05/31/17 18:52	5/31/17	
4-Nitrophenol	2400 U	2400	300	1	05/31/17 18:52	5/31/17	
Acenaphthene	470 U	470	79	1	05/31/17 18:52	5/31/17	
Acenaphthylene	470 U	470	78	1	05/31/17 18:52	5/31/17	
Acetophenone	470 U	470	140	1	05/31/17 18:52	5/31/17	
Anthracene	470 U	470	87	1	05/31/17 18:52	5/31/17	
Atrazine	470 U	470	260	1	05/31/17 18:52	5/31/17	
Benz(a)anthracene	470 U	470	69	1	05/31/17 18:52	5/31/17	
Benzaldehyde	2400 U	2400	190	1	05/31/17 18:52	5/31/17	
Benzo(a)pyrene	470 U	470	81	1	05/31/17 18:52	5/31/17	
Benzo(b)fluoranthene	470 U	470	70	1	05/31/17 18:52	5/31/17	
Benzo(g,h,i)perylene	470 U	470	75	1	05/31/17 18:52	5/31/17	
Benzo(k)fluoranthene	470 U	470	78	1	05/31/17 18:52	5/31/17	
Biphenyl	470 U	470	95	1	05/31/17 18:52	5/31/17	
2,2'-Oxybis(1-chloropropane)	470 U	470	82	1	05/31/17 18:52	5/31/17	
Bis(2-chloroethoxy)methane	470 U	470	55	1	05/31/17 18:52	5/31/17	
Bis(2-chloroethyl) Ether	470 U	470	86	1	05/31/17 18:52	5/31/17	
Bis(2-ethylhexyl) Phthalate	470 U	470	69	1	05/31/17 18:52	5/31/17	
Butyl Benzyl Phthalate	470 U	470	92	1	05/31/17 18:52	5/31/17	
Caprolactam	470 U	470	120	1	05/31/17 18:52	5/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 10:50
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-01	**Units:**	ug/Kg
Lab Code:	R1704685-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	470 U	470	80	1	05/31/17 18:52	5/31/17	
Chrysene	470 U	470	72	1	05/31/17 18:52	5/31/17	
Di-n-butyl Phthalate	470 U	470	120	1	05/31/17 18:52	5/31/17	
Di-n-octyl Phthalate	470 U	470	88	1	05/31/17 18:52	5/31/17	
Dibenz(a,h)anthracene	470 U	470	70	1	05/31/17 18:52	5/31/17	
Dibenzofuran	470 U	470	80	1	05/31/17 18:52	5/31/17	
Diethyl Phthalate	470 U	470	91	1	05/31/17 18:52	5/31/17	
Dimethyl Phthalate	470 U	470	85	1	05/31/17 18:52	5/31/17	
Fluoranthene	470 U	470	97	1	05/31/17 18:52	5/31/17	
Fluorene	470 U	470	75	1	05/31/17 18:52	5/31/17	
Hexachlorobenzene	470 U	470	86	1	05/31/17 18:52	5/31/17	
Hexachlorobutadiene	470 U	470	51	1	05/31/17 18:52	5/31/17	
Hexachlorocyclopentadiene	470 U	470	110	1	05/31/17 18:52	5/31/17	
Hexachloroethane	470 U	470	61	1	05/31/17 18:52	5/31/17	
Indeno(1,2,3-cd)pyrene	470 U	470	77	1	05/31/17 18:52	5/31/17	
Isophorone	470 U	470	73	1	05/31/17 18:52	5/31/17	
N-Nitrosodi-n-propylamine	470 U	470	110	1	05/31/17 18:52	5/31/17	
N-Nitrosodiphenylamine	470 U	470	81	1	05/31/17 18:52	5/31/17	
Naphthalene	470 U	470	66	1	05/31/17 18:52	5/31/17	
Nitrobenzene	470 U	470	70	1	05/31/17 18:52	5/31/17	
Pentachlorophenol (PCP)	2400 U	2400	380	1	05/31/17 18:52	5/31/17	
Phenanthrene	470 U	470	97	1	05/31/17 18:52	5/31/17	
Phenol	470 U	470	170	1	05/31/17 18:52	5/31/17	
Pyrene	470 U	470	99	1	05/31/17 18:52	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	73	13 - 128	05/31/17 18:52	
2-Fluorobiphenyl	54	10 - 102	05/31/17 18:52	
2-Fluorophenol	55	16 - 129	05/31/17 18:52	
Nitrobenzene-d5	55	10 - 95	05/31/17 18:52	
Phenol-d6	59	10 - 145	05/31/17 18:52	
Terphenyl-d14	85	16 - 126	05/31/17 18:52	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:05
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-02	**Units:**	ug/Kg
Lab Code:	R1704685-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	400 U	400	97	1	05/31/17 19:19	5/31/17	
2,3,4,6-Tetrachlorophenol	400 U	400	110	1	05/31/17 19:19	5/31/17	
2,4,5-Trichlorophenol	400 U	400	73	1	05/31/17 19:19	5/31/17	
2,4,6-Trichlorophenol	400 U	400	48	1	05/31/17 19:19	5/31/17	
2,4-Dichlorophenol	400 U	400	71	1	05/31/17 19:19	5/31/17	
2,4-Dimethylphenol	400 U	400	75	1	05/31/17 19:19	5/31/17	
2,4-Dinitrophenol	2100 U	2100	310	1	05/31/17 19:19	5/31/17	
2,4-Dinitrotoluene	400 U	400	77	1	05/31/17 19:19	5/31/17	
2,6-Dinitrotoluene	400 U	400	110	1	05/31/17 19:19	5/31/17	
2-Chloronaphthalene	400 U	400	64	1	05/31/17 19:19	5/31/17	
2-Chlorophenol	400 U	400	53	1	05/31/17 19:19	5/31/17	
2-Methylnaphthalene	400 U	400	66	1	05/31/17 19:19	5/31/17	
2-Methylphenol	400 U	400	84	1	05/31/17 19:19	5/31/17	
2-Nitroaniline	2100 U	2100	270	1	05/31/17 19:19	5/31/17	
2-Nitrophenol	400 U	400	57	1	05/31/17 19:19	5/31/17	
3,3'-Dichlorobenzidine	400 U	400	79	1	05/31/17 19:19	5/31/17	
3- and 4-Methylphenol Coelution	400 U	400	160	1	05/31/17 19:19	5/31/17	
3-Nitroaniline	2100 U	2100	410	1	05/31/17 19:19	5/31/17	
4,6-Dinitro-2-methylphenol	2100 U	2100	420	1	05/31/17 19:19	5/31/17	
4-Bromophenyl Phenyl Ether	400 U	400	77	1	05/31/17 19:19	5/31/17	
4-Chloro-3-methylphenol	400 U	400	64	1	05/31/17 19:19	5/31/17	
4-Chloroaniline	400 U	400	79	1	05/31/17 19:19	5/31/17	
4-Chlorophenyl Phenyl Ether	400 U	400	71	1	05/31/17 19:19	5/31/17	
4-Nitroaniline	2100 U	2100	300	1	05/31/17 19:19	5/31/17	
4-Nitrophenol	2100 U	2100	260	1	05/31/17 19:19	5/31/17	
Acenaphthene	400 U	400	69	1	05/31/17 19:19	5/31/17	
Acenaphthylene	400 U	400	68	1	05/31/17 19:19	5/31/17	
Acetophenone	400 U	400	120	1	05/31/17 19:19	5/31/17	
Anthracene	400 U	400	75	1	05/31/17 19:19	5/31/17	
Atrazine	400 U	400	230	1	05/31/17 19:19	5/31/17	
Benz(a)anthracene	400 U	400	60	1	05/31/17 19:19	5/31/17	
Benzaldehyde	2100 U	2100	160	1	05/31/17 19:19	5/31/17	
Benzo(a)pyrene	400 U	400	70	1	05/31/17 19:19	5/31/17	
Benzo(b)fluoranthene	400 U	400	61	1	05/31/17 19:19	5/31/17	
Benzo(g,h,i)perylene	400 U	400	65	1	05/31/17 19:19	5/31/17	
Benzo(k)fluoranthene	400 U	400	68	1	05/31/17 19:19	5/31/17	
Biphenyl	400 U	400	82	1	05/31/17 19:19	5/31/17	
2,2'-Oxybis(1-chloropropane)	400 U	400	72	1	05/31/17 19:19	5/31/17	
Bis(2-chloroethoxy)methane	400 U	400	48	1	05/31/17 19:19	5/31/17	
Bis(2-chloroethyl) Ether	400 U	400	75	1	05/31/17 19:19	5/31/17	
Bis(2-ethylhexyl) Phthalate	**120 J**	400	60	1	05/31/17 19:19	5/31/17	
Butyl Benzyl Phthalate	400 U	400	80	1	05/31/17 19:19	5/31/17	
Caprolactam	400 U	400	98	1	05/31/17 19:19	5/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:05
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-02	**Units:**	ug/Kg
Lab Code:	R1704685-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	400 U	400	70	1	05/31/17 19:19	5/31/17	
Chrysene	400 U	400	63	1	05/31/17 19:19	5/31/17	
Di-n-butyl Phthalate	400 U	400	98	1	05/31/17 19:19	5/31/17	
Di-n-octyl Phthalate	400 U	400	77	1	05/31/17 19:19	5/31/17	
Dibenz(a,h)anthracene	400 U	400	61	1	05/31/17 19:19	5/31/17	
Dibenzofuran	400 U	400	70	1	05/31/17 19:19	5/31/17	
Diethyl Phthalate	400 U	400	79	1	05/31/17 19:19	5/31/17	
Dimethyl Phthalate	400 U	400	74	1	05/31/17 19:19	5/31/17	
Fluoranthene	400 U	400	84	1	05/31/17 19:19	5/31/17	
Fluorene	400 U	400	65	1	05/31/17 19:19	5/31/17	
Hexachlorobenzene	400 U	400	75	1	05/31/17 19:19	5/31/17	
Hexachlorobutadiene	400 U	400	45	1	05/31/17 19:19	5/31/17	
Hexachlorocyclopentadiene	400 U	400	89	1	05/31/17 19:19	5/31/17	
Hexachloroethane	400 U	400	53	1	05/31/17 19:19	5/31/17	
Indeno(1,2,3-cd)pyrene	400 U	400	67	1	05/31/17 19:19	5/31/17	
Isophorone	400 U	400	64	1	05/31/17 19:19	5/31/17	
N-Nitrosodi-n-propylamine	400 U	400	92	1	05/31/17 19:19	5/31/17	
N-Nitrosodiphenylamine	400 U	400	70	1	05/31/17 19:19	5/31/17	
Naphthalene	400 U	400	57	1	05/31/17 19:19	5/31/17	
Nitrobenzene	400 U	400	61	1	05/31/17 19:19	5/31/17	
Pentachlorophenol (PCP)	2100 U	2100	330	1	05/31/17 19:19	5/31/17	
Phenanthrene	400 U	400	84	1	05/31/17 19:19	5/31/17	
Phenol	400 U	400	150	1	05/31/17 19:19	5/31/17	
Pyrene	400 U	400	86	1	05/31/17 19:19	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	55	13 - 128	05/31/17 19:19	
2-Fluorobiphenyl	25	10 - 102	05/31/17 19:19	
2-Fluorophenol	33	16 - 129	05/31/17 19:19	
Nitrobenzene-d5	27	10 - 95	05/31/17 19:19	
Phenol-d6	40	10 - 145	05/31/17 19:19	
Terphenyl-d14	59	16 - 126	05/31/17 19:19	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:20
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-03	**Units:**	ug/Kg
Lab Code:	R1704685-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	470 U	470	120	1	05/31/17 19:47	5/31/17	
2,3,4,6-Tetrachlorophenol	470 U	470	130	1	05/31/17 19:47	5/31/17	
2,4,5-Trichlorophenol	470 U	470	85	1	05/31/17 19:47	5/31/17	
2,4,6-Trichlorophenol	470 U	470	56	1	05/31/17 19:47	5/31/17	
2,4-Dichlorophenol	470 U	470	83	1	05/31/17 19:47	5/31/17	
2,4-Dimethylphenol	470 U	470	87	1	05/31/17 19:47	5/31/17	
2,4-Dinitrophenol	2400 U	2400	360	1	05/31/17 19:47	5/31/17	
2,4-Dinitrotoluene	470 U	470	90	1	05/31/17 19:47	5/31/17	
2,6-Dinitrotoluene	470 U	470	120	1	05/31/17 19:47	5/31/17	
2-Chloronaphthalene	470 U	470	74	1	05/31/17 19:47	5/31/17	
2-Chlorophenol	470 U	470	62	1	05/31/17 19:47	5/31/17	
2-Methylnaphthalene	470 U	470	77	1	05/31/17 19:47	5/31/17	
2-Methylphenol	470 U	470	98	1	05/31/17 19:47	5/31/17	
2-Nitroaniline	2400 U	2400	310	1	05/31/17 19:47	5/31/17	
2-Nitrophenol	470 U	470	66	1	05/31/17 19:47	5/31/17	
3,3'-Dichlorobenzidine	470 U	470	92	1	05/31/17 19:47	5/31/17	
3- and 4-Methylphenol Coelution	470 U	470	180	1	05/31/17 19:47	5/31/17	
3-Nitroaniline	2400 U	2400	480	1	05/31/17 19:47	5/31/17	
4,6-Dinitro-2-methylphenol	2400 U	2400	490	1	05/31/17 19:47	5/31/17	
4-Bromophenyl Phenyl Ether	470 U	470	90	1	05/31/17 19:47	5/31/17	
4-Chloro-3-methylphenol	470 U	470	75	1	05/31/17 19:47	5/31/17	
4-Chloroaniline	470 U	470	92	1	05/31/17 19:47	5/31/17	
4-Chlorophenyl Phenyl Ether	470 U	470	83	1	05/31/17 19:47	5/31/17	
4-Nitroaniline	2400 U	2400	350	1	05/31/17 19:47	5/31/17	
4-Nitrophenol	2400 U	2400	300	1	05/31/17 19:47	5/31/17	
Acenaphthene	470 U	470	80	1	05/31/17 19:47	5/31/17	
Acenaphthylene	470 U	470	79	1	05/31/17 19:47	5/31/17	
Acetophenone	470 U	470	140	1	05/31/17 19:47	5/31/17	
Anthracene	470 U	470	88	1	05/31/17 19:47	5/31/17	
Atrazine	470 U	470	270	1	05/31/17 19:47	5/31/17	
Benz(a)anthracene	470 U	470	70	1	05/31/17 19:47	5/31/17	
Benzaldehyde	2400 U	2400	190	1	05/31/17 19:47	5/31/17	
Benzo(a)pyrene	470 U	470	82	1	05/31/17 19:47	5/31/17	
Benzo(b)fluoranthene	470 U	470	71	1	05/31/17 19:47	5/31/17	
Benzo(g,h,i)perylene	470 U	470	76	1	05/31/17 19:47	5/31/17	
Benzo(k)fluoranthene	470 U	470	79	1	05/31/17 19:47	5/31/17	
Biphenyl	470 U	470	96	1	05/31/17 19:47	5/31/17	
2,2'-Oxybis(1-chloropropane)	470 U	470	84	1	05/31/17 19:47	5/31/17	
Bis(2-chloroethoxy)methane	470 U	470	55	1	05/31/17 19:47	5/31/17	
Bis(2-chloroethyl) Ether	470 U	470	87	1	05/31/17 19:47	5/31/17	
Bis(2-ethylhexyl) Phthalate	470 U	470	70	1	05/31/17 19:47	5/31/17	
Butyl Benzyl Phthalate	470 U	470	93	1	05/31/17 19:47	5/31/17	
Caprolactam	470 U	470	120	1	05/31/17 19:47	5/31/17	

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:20
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-03	**Units:**	ug/Kg
Lab Code:	R1704685-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	470 U	470	81	1	05/31/17 19:47	5/31/17	
Chrysene	470 U	470	73	1	05/31/17 19:47	5/31/17	
Di-n-butyl Phthalate	470 U	470	120	1	05/31/17 19:47	5/31/17	
Di-n-octyl Phthalate	470 U	470	89	1	05/31/17 19:47	5/31/17	
Dibenz(a,h)anthracene	470 U	470	71	1	05/31/17 19:47	5/31/17	
Dibenzofuran	470 U	470	81	1	05/31/17 19:47	5/31/17	
Diethyl Phthalate	470 U	470	92	1	05/31/17 19:47	5/31/17	
Dimethyl Phthalate	470 U	470	86	1	05/31/17 19:47	5/31/17	
Fluoranthene	470 U	470	98	1	05/31/17 19:47	5/31/17	
Fluorene	470 U	470	76	1	05/31/17 19:47	5/31/17	
Hexachlorobenzene	470 U	470	87	1	05/31/17 19:47	5/31/17	
Hexachlorobutadiene	470 U	470	52	1	05/31/17 19:47	5/31/17	
Hexachlorocyclopentadiene	470 U	470	110	1	05/31/17 19:47	5/31/17	
Hexachloroethane	470 U	470	62	1	05/31/17 19:47	5/31/17	
Indeno(1,2,3-cd)pyrene	470 U	470	78	1	05/31/17 19:47	5/31/17	
Isophorone	470 U	470	74	1	05/31/17 19:47	5/31/17	
N-Nitrosodi-n-propylamine	470 U	470	110	1	05/31/17 19:47	5/31/17	
N-Nitrosodiphenylamine	470 U	470	82	1	05/31/17 19:47	5/31/17	
Naphthalene	470 U	470	67	1	05/31/17 19:47	5/31/17	
Nitrobenzene	470 U	470	71	1	05/31/17 19:47	5/31/17	
Pentachlorophenol (PCP)	2400 U	2400	390	1	05/31/17 19:47	5/31/17	
Phenanthrene	470 U	470	98	1	05/31/17 19:47	5/31/17	
Phenol	470 U	470	170	1	05/31/17 19:47	5/31/17	
Pyrene	470 U	470	100	1	05/31/17 19:47	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	47	13 - 128	05/31/17 19:47	
2-Fluorobiphenyl	27	10 - 102	05/31/17 19:47	
2-Fluorophenol	32	16 - 129	05/31/17 19:47	
Nitrobenzene-d5	29	10 - 95	05/31/17 19:47	
Phenol-d6	37	10 - 145	05/31/17 19:47	
Terphenyl-d14	50	16 - 126	05/31/17 19:47	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 12:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-04	**Units:**	ug/Kg
Lab Code:	R1704685-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	550 U	550	140	1	06/05/17 18:22	6/5/17	
2,3,4,6-Tetrachlorophenol	550 U	550	150	1	06/05/17 18:22	6/5/17	
2,4,5-Trichlorophenol	550 U	550	99	1	06/05/17 18:22	6/5/17	
2,4,6-Trichlorophenol	550 U	550	65	1	06/05/17 18:22	6/5/17	
2,4-Dichlorophenol	550 U	550	96	1	06/05/17 18:22	6/5/17	
2,4-Dimethylphenol	550 U	550	110	1	06/05/17 18:22	6/5/17	
2,4-Dinitrophenol	2800 U	2800	420	1	06/05/17 18:22	6/5/17	
2,4-Dinitrotoluene	550 U	550	110	1	06/05/17 18:22	6/5/17	
2,6-Dinitrotoluene	550 U	550	140	1	06/05/17 18:22	6/5/17	
2-Chloronaphthalene	550 U	550	86	1	06/05/17 18:22	6/5/17	
2-Chlorophenol	550 U	550	72	1	06/05/17 18:22	6/5/17	
2-Methylnaphthalene	550 U	550	90	1	06/05/17 18:22	6/5/17	
2-Methylphenol	550 U	550	120	1	06/05/17 18:22	6/5/17	
2-Nitroaniline	2800 U	2800	360	1	06/05/17 18:22	6/5/17	
2-Nitrophenol	550 U	550	76	1	06/05/17 18:22	6/5/17	
3,3'-Dichlorobenzidine	550 U	550	110	1	06/05/17 18:22	6/5/17	
3- and 4-Methylphenol Coelution	550 U	550	210	1	06/05/17 18:22	6/5/17	
3-Nitroaniline	2800 U	2800	550	1	06/05/17 18:22	6/5/17	
4,6-Dinitro-2-methylphenol	2800 U	2800	570	1	06/05/17 18:22	6/5/17	
4-Bromophenyl Phenyl Ether	550 U	550	110	1	06/05/17 18:22	6/5/17	
4-Chloro-3-methylphenol	550 U	550	87	1	06/05/17 18:22	6/5/17	
4-Chloroaniline	550 U	550	110	1	06/05/17 18:22	6/5/17	
4-Chlorophenyl Phenyl Ether	550 U	550	96	1	06/05/17 18:22	6/5/17	
4-Nitroaniline	2800 U	2800	410	1	06/05/17 18:22	6/5/17	
4-Nitrophenol	2800 U	2800	350	1	06/05/17 18:22	6/5/17	
Acenaphthene	550 U	550	92	1	06/05/17 18:22	6/5/17	
Acenaphthylene	550 U	550	91	1	06/05/17 18:22	6/5/17	
Acetophenone	550 U	550	160	1	06/05/17 18:22	6/5/17	
Anthracene	550 U	550	110	1	06/05/17 18:22	6/5/17	
Atrazine	550 U	550	310	1	06/05/17 18:22	6/5/17	
Benz(a)anthracene	550 U	550	81	1	06/05/17 18:22	6/5/17	
Benzaldehyde	2800 U	2800	220	1	06/05/17 18:22	6/5/17	
Benzo(a)pyrene	550 U	550	95	1	06/05/17 18:22	6/5/17	
Benzo(b)fluoranthene	550 U	550	82	1	06/05/17 18:22	6/5/17	
Benzo(g,h,i)perylene	550 U	550	88	1	06/05/17 18:22	6/5/17	
Benzo(k)fluoranthene	550 U	550	91	1	06/05/17 18:22	6/5/17	
Biphenyl	550 U	550	120	1	06/05/17 18:22	6/5/17	
2,2'-Oxybis(1-chloropropane)	550 U	550	97	1	06/05/17 18:22	6/5/17	
Bis(2-chloroethoxy)methane	550 U	550	64	1	06/05/17 18:22	6/5/17	
Bis(2-chloroethyl) Ether	550 U	550	110	1	06/05/17 18:22	6/5/17	
Bis(2-ethylhexyl) Phthalate	550 U	550	81	1	06/05/17 18:22	6/5/17	
Butyl Benzyl Phthalate	550 U	550	110	1	06/05/17 18:22	6/5/17	
Caprolactam	550 U	550	140	1	06/05/17 18:22	6/5/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 12:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-04	**Units:**	ug/Kg
Lab Code:	R1704685-004	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	550 U	550	94	1	06/05/17 18:22	6/5/17	
Chrysene	550 U	550	85	1	06/05/17 18:22	6/5/17	
Di-n-butyl Phthalate	550 U	550	140	1	06/05/17 18:22	6/5/17	
Di-n-octyl Phthalate	550 U	550	110	1	06/05/17 18:22	6/5/17	
Dibenz(a,h)anthracene	550 U	550	82	1	06/05/17 18:22	6/5/17	
Dibenzofuran	550 U	550	94	1	06/05/17 18:22	6/5/17	
Diethyl Phthalate	550 U	550	110	1	06/05/17 18:22	6/5/17	
Dimethyl Phthalate	550 U	550	100	1	06/05/17 18:22	6/5/17	
Fluoranthene	550 U	550	120	1	06/05/17 18:22	6/5/17	
Fluorene	550 U	550	88	1	06/05/17 18:22	6/5/17	
Hexachlorobenzene	550 U	550	110	1	06/05/17 18:22	6/5/17	
Hexachlorobutadiene	550 U	550	60	1	06/05/17 18:22	6/5/17	
Hexachlorocyclopentadiene	550 U	550	120	1	06/05/17 18:22	6/5/17	
Hexachloroethane	550 U	550	72	1	06/05/17 18:22	6/5/17	
Indeno(1,2,3-cd)pyrene	550 U	550	91	1	06/05/17 18:22	6/5/17	
Isophorone	550 U	550	86	1	06/05/17 18:22	6/5/17	
N-Nitrosodi-n-propylamine	550 U	550	130	1	06/05/17 18:22	6/5/17	
N-Nitrosodiphenylamine	550 U	550	95	1	06/05/17 18:22	6/5/17	
Naphthalene	550 U	550	77	1	06/05/17 18:22	6/5/17	
Nitrobenzene	550 U	550	82	1	06/05/17 18:22	6/5/17	
Pentachlorophenol (PCP)	2800 U	2800	450	1	06/05/17 18:22	6/5/17	
Phenanthrene	550 U	550	120	1	06/05/17 18:22	6/5/17	
Phenol	550 U	550	200	1	06/05/17 18:22	6/5/17	
Pyrene	550 U	550	120	1	06/05/17 18:22	6/5/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	44	13 - 128	06/05/17 18:22	
2-Fluorobiphenyl	42	10 - 102	06/05/17 18:22	
2-Fluorophenol	43	16 - 129	06/05/17 18:22	
Nitrobenzene-d5	40	10 - 95	06/05/17 18:22	
Phenol-d6	47	10 - 145	06/05/17 18:22	
Terphenyl-d14	64	16 - 126	06/05/17 18:22	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-05	**Units:**	ug/Kg
Lab Code:	R1704685-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	520 U	520	130	1	05/31/17 20:42	5/31/17	
2,3,4,6-Tetrachlorophenol	520 U	520	140	1	05/31/17 20:42	5/31/17	
2,4,5-Trichlorophenol	520 U	520	94	1	05/31/17 20:42	5/31/17	
2,4,6-Trichlorophenol	520 U	520	62	1	05/31/17 20:42	5/31/17	
2,4-Dichlorophenol	520 U	520	92	1	05/31/17 20:42	5/31/17	
2,4-Dimethylphenol	520 U	520	97	1	05/31/17 20:42	5/31/17	
2,4-Dinitrophenol	2700 U	2700	400	1	05/31/17 20:42	5/31/17	
2,4-Dinitrotoluene	520 U	520	100	1	05/31/17 20:42	5/31/17	
2,6-Dinitrotoluene	520 U	520	140	1	05/31/17 20:42	5/31/17	
2-Chloronaphthalene	520 U	520	82	1	05/31/17 20:42	5/31/17	
2-Chlorophenol	520 U	520	68	1	05/31/17 20:42	5/31/17	
2-Methylnaphthalene	520 U	520	86	1	05/31/17 20:42	5/31/17	
2-Methylphenol	520 U	520	110	1	05/31/17 20:42	5/31/17	
2-Nitroaniline	2700 U	2700	350	1	05/31/17 20:42	5/31/17	
2-Nitrophenol	520 U	520	73	1	05/31/17 20:42	5/31/17	
3,3'-Dichlorobenzidine	520 U	520	110	1	05/31/17 20:42	5/31/17	
3- and 4-Methylphenol Coelution	520 U	520	200	1	05/31/17 20:42	5/31/17	
3-Nitroaniline	2700 U	2700	530	1	05/31/17 20:42	5/31/17	
4,6-Dinitro-2-methylphenol	2700 U	2700	540	1	05/31/17 20:42	5/31/17	
4-Bromophenyl Phenyl Ether	520 U	520	100	1	05/31/17 20:42	5/31/17	
4-Chloro-3-methylphenol	520 U	520	83	1	05/31/17 20:42	5/31/17	
4-Chloroaniline	520 U	520	110	1	05/31/17 20:42	5/31/17	
4-Chlorophenyl Phenyl Ether	520 U	520	92	1	05/31/17 20:42	5/31/17	
4-Nitroaniline	2700 U	2700	390	1	05/31/17 20:42	5/31/17	
4-Nitrophenol	2700 U	2700	330	1	05/31/17 20:42	5/31/17	
Acenaphthene	520 U	520	88	1	05/31/17 20:42	5/31/17	
Acenaphthylene	520 U	520	87	1	05/31/17 20:42	5/31/17	
Acetophenone	520 U	520	150	1	05/31/17 20:42	5/31/17	
Anthracene	520 U	520	97	1	05/31/17 20:42	5/31/17	
Atrazine	520 U	520	290	1	05/31/17 20:42	5/31/17	
Benz(a)anthracene	520 U	520	78	1	05/31/17 20:42	5/31/17	
Benzaldehyde	2700 U	2700	210	1	05/31/17 20:42	5/31/17	
Benzo(a)pyrene	520 U	520	91	1	05/31/17 20:42	5/31/17	
Benzo(b)fluoranthene	520 U	520	78	1	05/31/17 20:42	5/31/17	
Benzo(g,h,i)perylene	520 U	520	84	1	05/31/17 20:42	5/31/17	
Benzo(k)fluoranthene	520 U	520	87	1	05/31/17 20:42	5/31/17	
Biphenyl	520 U	520	110	1	05/31/17 20:42	5/31/17	
2,2'-Oxybis(1-chloropropane)	520 U	520	93	1	05/31/17 20:42	5/31/17	
Bis(2-chloroethoxy)methane	520 U	520	61	1	05/31/17 20:42	5/31/17	
Bis(2-chloroethyl) Ether	520 U	520	96	1	05/31/17 20:42	5/31/17	
Bis(2-ethylhexyl) Phthalate	520 U	520	77	1	05/31/17 20:42	5/31/17	
Butyl Benzyl Phthalate	520 U	520	110	1	05/31/17 20:42	5/31/17	
Caprolactam	520 U	520	130	1	05/31/17 20:42	5/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-05	**Units:**	ug/Kg
Lab Code:	R1704685-005	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	520 U	520	90	1	05/31/17 20:42	5/31/17	
Chrysene	520 U	520	81	1	05/31/17 20:42	5/31/17	
Di-n-butyl Phthalate	520 U	520	130	1	05/31/17 20:42	5/31/17	
Di-n-octyl Phthalate	520 U	520	99	1	05/31/17 20:42	5/31/17	
Dibenz(a,h)anthracene	520 U	520	79	1	05/31/17 20:42	5/31/17	
Dibenzofuran	520 U	520	90	1	05/31/17 20:42	5/31/17	
Diethyl Phthalate	520 U	520	110	1	05/31/17 20:42	5/31/17	
Dimethyl Phthalate	520 U	520	96	1	05/31/17 20:42	5/31/17	
Fluoranthene	520 U	520	110	1	05/31/17 20:42	5/31/17	
Fluorene	520 U	520	84	1	05/31/17 20:42	5/31/17	
Hexachlorobenzene	520 U	520	96	1	05/31/17 20:42	5/31/17	
Hexachlorobutadiene	520 U	520	58	1	05/31/17 20:42	5/31/17	
Hexachlorocyclopentadiene	520 U	520	120	1	05/31/17 20:42	5/31/17	
Hexachloroethane	520 U	520	69	1	05/31/17 20:42	5/31/17	
Indeno(1,2,3-cd)pyrene	520 U	520	87	1	05/31/17 20:42	5/31/17	
Isophorone	520 U	520	82	1	05/31/17 20:42	5/31/17	
N-Nitrosodi-n-propylamine	520 U	520	120	1	05/31/17 20:42	5/31/17	
N-Nitrosodiphenylamine	520 U	520	91	1	05/31/17 20:42	5/31/17	
Naphthalene	520 U	520	74	1	05/31/17 20:42	5/31/17	
Nitrobenzene	520 U	520	79	1	05/31/17 20:42	5/31/17	
Pentachlorophenol (PCP)	2700 U	2700	430	1	05/31/17 20:42	5/31/17	
Phenanthrene	520 U	520	110	1	05/31/17 20:42	5/31/17	
Phenol	520 U	520	190	1	05/31/17 20:42	5/31/17	
Pyrene	520 U	520	120	1	05/31/17 20:42	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	56	13 - 128	05/31/17 20:42	
2-Fluorobiphenyl	40	10 - 102	05/31/17 20:42	
2-Fluorophenol	40	16 - 129	05/31/17 20:42	
Nitrobenzene-d5	40	10 - 95	05/31/17 20:42	
Phenol-d6	44	10 - 145	05/31/17 20:42	
Terphenyl-d14	59	16 - 126	05/31/17 20:42	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-06	**Units:**	ug/Kg
Lab Code:	R1704685-006	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	460 U	460	120	1	05/31/17 21:09	5/31/17	
2,3,4,6-Tetrachlorophenol	460 U	460	120	1	05/31/17 21:09	5/31/17	
2,4,5-Trichlorophenol	460 U	460	84	1	05/31/17 21:09	5/31/17	
2,4,6-Trichlorophenol	460 U	460	55	1	05/31/17 21:09	5/31/17	
2,4-Dichlorophenol	460 U	460	81	1	05/31/17 21:09	5/31/17	
2,4-Dimethylphenol	460 U	460	86	1	05/31/17 21:09	5/31/17	
2,4-Dinitrophenol	2400 U	2400	360	1	05/31/17 21:09	5/31/17	
2,4-Dinitrotoluene	460 U	460	88	1	05/31/17 21:09	5/31/17	
2,6-Dinitrotoluene	460 U	460	120	1	05/31/17 21:09	5/31/17	
2-Chloronaphthalene	460 U	460	73	1	05/31/17 21:09	5/31/17	
2-Chlorophenol	460 U	460	61	1	05/31/17 21:09	5/31/17	
2-Methylnaphthalene	460 U	460	76	1	05/31/17 21:09	5/31/17	
2-Methylphenol	460 U	460	97	1	05/31/17 21:09	5/31/17	
2-Nitroaniline	2400 U	2400	310	1	05/31/17 21:09	5/31/17	
2-Nitrophenol	460 U	460	65	1	05/31/17 21:09	5/31/17	
3,3'-Dichlorobenzidine	460 U	460	91	1	05/31/17 21:09	5/31/17	
3- and 4-Methylphenol Coelution	460 U	460	180	1	05/31/17 21:09	5/31/17	
3-Nitroaniline	2400 U	2400	470	1	05/31/17 21:09	5/31/17	
4,6-Dinitro-2-methylphenol	2400 U	2400	480	1	05/31/17 21:09	5/31/17	
4-Bromophenyl Phenyl Ether	460 U	460	89	1	05/31/17 21:09	5/31/17	
4-Chloro-3-methylphenol	460 U	460	74	1	05/31/17 21:09	5/31/17	
4-Chloroaniline	460 U	460	90	1	05/31/17 21:09	5/31/17	
4-Chlorophenyl Phenyl Ether	460 U	460	82	1	05/31/17 21:09	5/31/17	
4-Nitroaniline	2400 U	2400	350	1	05/31/17 21:09	5/31/17	
4-Nitrophenol	2400 U	2400	300	1	05/31/17 21:09	5/31/17	
Acenaphthene	460 U	460	79	1	05/31/17 21:09	5/31/17	
Acenaphthylene	460 U	460	78	1	05/31/17 21:09	5/31/17	
Acetophenone	460 U	460	140	1	05/31/17 21:09	5/31/17	
Anthracene	460 U	460	86	1	05/31/17 21:09	5/31/17	
Atrazine	460 U	460	260	1	05/31/17 21:09	5/31/17	
Benz(a)anthracene	460 U	460	69	1	05/31/17 21:09	5/31/17	
Benzaldehyde	2400 U	2400	190	1	05/31/17 21:09	5/31/17	
Benzo(a)pyrene	460 U	460	81	1	05/31/17 21:09	5/31/17	
Benzo(b)fluoranthene	460 U	460	70	1	05/31/17 21:09	5/31/17	
Benzo(g,h,i)perylene	460 U	460	75	1	05/31/17 21:09	5/31/17	
Benzo(k)fluoranthene	460 U	460	78	1	05/31/17 21:09	5/31/17	
Biphenyl	460 U	460	94	1	05/31/17 21:09	5/31/17	
2,2'-Oxybis(1-chloropropane)	460 U	460	82	1	05/31/17 21:09	5/31/17	
Bis(2-chloroethoxy)methane	460 U	460	55	1	05/31/17 21:09	5/31/17	
Bis(2-chloroethyl) Ether	460 U	460	86	1	05/31/17 21:09	5/31/17	
Bis(2-ethylhexyl) Phthalate	460 U	460	69	1	05/31/17 21:09	5/31/17	
Butyl Benzyl Phthalate	460 U	460	91	1	05/31/17 21:09	5/31/17	
Caprolactam	460 U	460	120	1	05/31/17 21:09	5/31/17	

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-06	**Units:**	ug/Kg
Lab Code:	R1704685-006	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	460 U	460	80	1	05/31/17 21:09	5/31/17	
Chrysene	460 U	460	72	1	05/31/17 21:09	5/31/17	
Di-n-butyl Phthalate	460 U	460	120	1	05/31/17 21:09	5/31/17	
Di-n-octyl Phthalate	460 U	460	88	1	05/31/17 21:09	5/31/17	
Dibenz(a,h)anthracene	460 U	460	70	1	05/31/17 21:09	5/31/17	
Dibenzofuran	460 U	460	80	1	05/31/17 21:09	5/31/17	
Diethyl Phthalate	460 U	460	90	1	05/31/17 21:09	5/31/17	
Dimethyl Phthalate	460 U	460	85	1	05/31/17 21:09	5/31/17	
Fluoranthene	460 U	460	96	1	05/31/17 21:09	5/31/17	
Fluorene	460 U	460	75	1	05/31/17 21:09	5/31/17	
Hexachlorobenzene	460 U	460	86	1	05/31/17 21:09	5/31/17	
Hexachlorobutadiene	460 U	460	51	1	05/31/17 21:09	5/31/17	
Hexachlorocyclopentadiene	460 U	460	110	1	05/31/17 21:09	5/31/17	
Hexachloroethane	460 U	460	61	1	05/31/17 21:09	5/31/17	
Indeno(1,2,3-cd)pyrene	460 U	460	77	1	05/31/17 21:09	5/31/17	
Isophorone	460 U	460	73	1	05/31/17 21:09	5/31/17	
N-Nitrosodi-n-propylamine	460 U	460	110	1	05/31/17 21:09	5/31/17	
N-Nitrosodiphenylamine	460 U	460	80	1	05/31/17 21:09	5/31/17	
Naphthalene	460 U	460	66	1	05/31/17 21:09	5/31/17	
Nitrobenzene	460 U	460	70	1	05/31/17 21:09	5/31/17	
Pentachlorophenol (PCP)	2400 U	2400	380	1	05/31/17 21:09	5/31/17	
Phenanthrene	460 U	460	97	1	05/31/17 21:09	5/31/17	
Phenol	460 U	460	170	1	05/31/17 21:09	5/31/17	
Pyrene	460 U	460	99	1	05/31/17 21:09	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	63	13 - 128	05/31/17 21:09	
2-Fluorobiphenyl	33	10 - 102	05/31/17 21:09	
2-Fluorophenol	42	16 - 129	05/31/17 21:09	
Nitrobenzene-d5	38	10 - 95	05/31/17 21:09	
Phenol-d6	49	10 - 145	05/31/17 21:09	
Terphenyl-d14	70	16 - 126	05/31/17 21:09	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-07	**Units:**	ug/Kg
Lab Code:	R1704685-007	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	950	U	950	230	1	06/05/17 19:48	6/5/17	
2,3,4,6-Tetrachlorophenol	950	U	950	250	1	06/05/17 19:48	6/5/17	
2,4,5-Trichlorophenol	950	U	950	180	1	06/05/17 19:48	6/5/17	
2,4,6-Trichlorophenol	950	U	950	120	1	06/05/17 19:48	6/5/17	
2,4-Dichlorophenol	950	U	950	170	1	06/05/17 19:48	6/5/17	
2,4-Dimethylphenol	950	U	950	180	1	06/05/17 19:48	6/5/17	
2,4-Dinitrophenol	4900	U	4900	730	1	06/05/17 19:48	6/5/17	
2,4-Dinitrotoluene	950	U	950	190	1	06/05/17 19:48	6/5/17	
2,6-Dinitrotoluene	950	U	950	240	1	06/05/17 19:48	6/5/17	
2-Chloronaphthalene	950	U	950	150	1	06/05/17 19:48	6/5/17	
2-Chlorophenol	950	U	950	130	1	06/05/17 19:48	6/5/17	
2-Methylnaphthalene	950	U	950	160	1	06/05/17 19:48	6/5/17	
2-Methylphenol	950	U	950	200	1	06/05/17 19:48	6/5/17	
2-Nitroaniline	4900	U	4900	630	1	06/05/17 19:48	6/5/17	
2-Nitrophenol	950	U	950	140	1	06/05/17 19:48	6/5/17	
3,3'-Dichlorobenzidine	950	U	950	190	1	06/05/17 19:48	6/5/17	
3- and 4-Methylphenol Coelution	950	U	950	360	1	06/05/17 19:48	6/5/17	
3-Nitroaniline	4900	U	4900	960	1	06/05/17 19:48	6/5/17	
4,6-Dinitro-2-methylphenol	4900	U	4900	990	1	06/05/17 19:48	6/5/17	
4-Bromophenyl Phenyl Ether	950	U	950	190	1	06/05/17 19:48	6/5/17	
4-Chloro-3-methylphenol	950	U	950	160	1	06/05/17 19:48	6/5/17	
4-Chloroaniline	950	U	950	190	1	06/05/17 19:48	6/5/17	
4-Chlorophenyl Phenyl Ether	950	U	950	170	1	06/05/17 19:48	6/5/17	
4-Nitroaniline	4900	U	4900	710	1	06/05/17 19:48	6/5/17	
4-Nitrophenol	4900	U	4900	600	1	06/05/17 19:48	6/5/17	
Acenaphthene	950	U	950	170	1	06/05/17 19:48	6/5/17	
Acenaphthylene	950	U	950	160	1	06/05/17 19:48	6/5/17	
Acetophenone	950	U	950	270	1	06/05/17 19:48	6/5/17	
Anthracene	950	U	950	180	1	06/05/17 19:48	6/5/17	
Atrazine	950	U	950	530	1	06/05/17 19:48	6/5/17	
Benz(a)anthracene	950	U	950	150	1	06/05/17 19:48	6/5/17	
Benzaldehyde	4900	U	4900	380	1	06/05/17 19:48	6/5/17	
Benzo(a)pyrene	950	U	950	170	1	06/05/17 19:48	6/5/17	
Benzo(b)fluoranthene	950	U	950	150	1	06/05/17 19:48	6/5/17	
Benzo(g,h,i)perylene	950	U	950	160	1	06/05/17 19:48	6/5/17	
Benzo(k)fluoranthene	950	U	950	160	1	06/05/17 19:48	6/5/17	
Biphenyl	950	U	950	200	1	06/05/17 19:48	6/5/17	
2,2'-Oxybis(1-chloropropane)	950	U	950	170	1	06/05/17 19:48	6/5/17	
Bis(2-chloroethoxy)methane	950	U	950	120	1	06/05/17 19:48	6/5/17	
Bis(2-chloroethyl) Ether	950	U	950	180	1	06/05/17 19:48	6/5/17	
Bis(2-ethylhexyl) Phthalate	**12000**		950	150	1	06/05/17 19:48	6/5/17	
Butyl Benzyl Phthalate	**700**	**J**	950	190	1	06/05/17 19:48	6/5/17	
Caprolactam	950	U	950	240	1	06/05/17 19:48	6/5/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-07	**Units:**	ug/Kg
Lab Code:	R1704685-007	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	950 U	950	170	1	06/05/17 19:48	6/5/17	
Chrysene	950 U	950	150	1	06/05/17 19:48	6/5/17	
Di-n-butyl Phthalate	950 U	950	240	1	06/05/17 19:48	6/5/17	
Di-n-octyl Phthalate	**6200**	950	180	1	06/05/17 19:48	6/5/17	
Dibenz(a,h)anthracene	950 U	950	150	1	06/05/17 19:48	6/5/17	
Dibenzofuran	950 U	950	170	1	06/05/17 19:48	6/5/17	
Diethyl Phthalate	950 U	950	190	1	06/05/17 19:48	6/5/17	
Dimethyl Phthalate	950 U	950	180	1	06/05/17 19:48	6/5/17	
Fluoranthene	950 U	950	200	1	06/05/17 19:48	6/5/17	
Fluorene	950 U	950	160	1	06/05/17 19:48	6/5/17	
Hexachlorobenzene	950 U	950	180	1	06/05/17 19:48	6/5/17	
Hexachlorobutadiene	950 U	950	110	1	06/05/17 19:48	6/5/17	
Hexachlorocyclopentadiene	950 U	950	210	1	06/05/17 19:48	6/5/17	
Hexachloroethane	950 U	950	130	1	06/05/17 19:48	6/5/17	
Indeno(1,2,3-cd)pyrene	950 U	950	160	1	06/05/17 19:48	6/5/17	
Isophorone	950 U	950	150	1	06/05/17 19:48	6/5/17	
N-Nitrosodi-n-propylamine	950 U	950	220	1	06/05/17 19:48	6/5/17	
N-Nitrosodiphenylamine	950 U	950	170	1	06/05/17 19:48	6/5/17	
Naphthalene	950 U	950	140	1	06/05/17 19:48	6/5/17	
Nitrobenzene	950 U	950	150	1	06/05/17 19:48	6/5/17	
Pentachlorophenol (PCP)	4900 U	4900	780	1	06/05/17 19:48	6/5/17	
Phenanthrene	950 U	950	200	1	06/05/17 19:48	6/5/17	
Phenol	950 U	950	340	1	06/05/17 19:48	6/5/17	
Pyrene	950 U	950	210	1	06/05/17 19:48	6/5/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	17	13 - 128	06/05/17 19:48	
2-Fluorobiphenyl	14	10 - 102	06/05/17 19:48	
2-Fluorophenol	17	16 - 129	06/05/17 19:48	
Nitrobenzene-d5	15	10 - 95	06/05/17 19:48	
Phenol-d6	23	10 - 145	06/05/17 19:48	
Terphenyl-d14	17	16 - 126	06/05/17 19:48	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-08	**Units:**	ug/Kg
Lab Code:	R1704685-008	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	640 U	640	160	1	05/31/17 22:04	5/31/17	
2,3,4,6-Tetrachlorophenol	640 U	640	170	1	05/31/17 22:04	5/31/17	
2,4,5-Trichlorophenol	640 U	640	120	1	05/31/17 22:04	5/31/17	
2,4,6-Trichlorophenol	640 U	640	75	1	05/31/17 22:04	5/31/17	
2,4-Dichlorophenol	640 U	640	120	1	05/31/17 22:04	5/31/17	
2,4-Dimethylphenol	640 U	640	120	1	05/31/17 22:04	5/31/17	
2,4-Dinitrophenol	3300 U	3300	490	1	05/31/17 22:04	5/31/17	
2,4-Dinitrotoluene	640 U	640	130	1	05/31/17 22:04	5/31/17	
2,6-Dinitrotoluene	640 U	640	160	1	05/31/17 22:04	5/31/17	
2-Chloronaphthalene	640 U	640	100	1	05/31/17 22:04	5/31/17	
2-Chlorophenol	640 U	640	83	1	05/31/17 22:04	5/31/17	
2-Methylnaphthalene	640 U	640	110	1	05/31/17 22:04	5/31/17	
2-Methylphenol	640 U	640	140	1	05/31/17 22:04	5/31/17	
2-Nitroaniline	3300 U	3300	420	1	05/31/17 22:04	5/31/17	
2-Nitrophenol	640 U	640	89	1	05/31/17 22:04	5/31/17	
3,3'-Dichlorobenzidine	640 U	640	130	1	05/31/17 22:04	5/31/17	
3- and 4-Methylphenol Coelution	640 U	640	240	1	05/31/17 22:04	5/31/17	
3-Nitroaniline	3300 U	3300	640	1	05/31/17 22:04	5/31/17	
4,6-Dinitro-2-methylphenol	3300 U	3300	660	1	05/31/17 22:04	5/31/17	
4-Bromophenyl Phenyl Ether	640 U	640	130	1	05/31/17 22:04	5/31/17	
4-Chloro-3-methylphenol	640 U	640	110	1	05/31/17 22:04	5/31/17	
4-Chloroaniline	640 U	640	130	1	05/31/17 22:04	5/31/17	
4-Chlorophenyl Phenyl Ether	640 U	640	120	1	05/31/17 22:04	5/31/17	
4-Nitroaniline	3300 U	3300	480	1	05/31/17 22:04	5/31/17	
4-Nitrophenol	3300 U	3300	400	1	05/31/17 22:04	5/31/17	
Acenaphthene	640 U	640	110	1	05/31/17 22:04	5/31/17	
Acenaphthylene	640 U	640	110	1	05/31/17 22:04	5/31/17	
Acetophenone	640 U	640	190	1	05/31/17 22:04	5/31/17	
Anthracene	640 U	640	120	1	05/31/17 22:04	5/31/17	
Atrazine	640 U	640	360	1	05/31/17 22:04	5/31/17	
Benz(a)anthracene	640 U	640	95	1	05/31/17 22:04	5/31/17	
Benzaldehyde	3300 U	3300	260	1	05/31/17 22:04	5/31/17	
Benzo(a)pyrene	640 U	640	110	1	05/31/17 22:04	5/31/17	
Benzo(b)fluoranthene	640 U	640	96	1	05/31/17 22:04	5/31/17	
Benzo(g,h,i)perylene	640 U	640	110	1	05/31/17 22:04	5/31/17	
Benzo(k)fluoranthene	640 U	640	110	1	05/31/17 22:04	5/31/17	
Biphenyl	640 U	640	130	1	05/31/17 22:04	5/31/17	
2,2'-Oxybis(1-chloropropane)	640 U	640	120	1	05/31/17 22:04	5/31/17	
Bis(2-chloroethoxy)methane	640 U	640	75	1	05/31/17 22:04	5/31/17	
Bis(2-chloroethyl) Ether	640 U	640	120	1	05/31/17 22:04	5/31/17	
Bis(2-ethylhexyl) Phthalate	**190 J**	640	94	1	05/31/17 22:04	5/31/17	
Butyl Benzyl Phthalate	640 U	640	130	1	05/31/17 22:04	5/31/17	
Caprolactam	640 U	640	160	1	05/31/17 22:04	5/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-08	**Units:**	ug/Kg
Lab Code:	R1704685-008	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	640 U	640	110	1	05/31/17 22:04	5/31/17	
Chrysene	640 U	640	99	1	05/31/17 22:04	5/31/17	
Di-n-butyl Phthalate	640 U	640	160	1	05/31/17 22:04	5/31/17	
Di-n-octyl Phthalate	640 U	640	130	1	05/31/17 22:04	5/31/17	
Dibenz(a,h)anthracene	640 U	640	96	1	05/31/17 22:04	5/31/17	
Dibenzofuran	640 U	640	110	1	05/31/17 22:04	5/31/17	
Diethyl Phthalate	640 U	640	130	1	05/31/17 22:04	5/31/17	
Dimethyl Phthalate	640 U	640	120	1	05/31/17 22:04	5/31/17	
Fluoranthene	640 U	640	140	1	05/31/17 22:04	5/31/17	
Fluorene	640 U	640	110	1	05/31/17 22:04	5/31/17	
Hexachlorobenzene	640 U	640	120	1	05/31/17 22:04	5/31/17	
Hexachlorobutadiene	640 U	640	70	1	05/31/17 22:04	5/31/17	
Hexachlorocyclopentadiene	640 U	640	140	1	05/31/17 22:04	5/31/17	
Hexachloroethane	640 U	640	84	1	05/31/17 22:04	5/31/17	
Indeno(1,2,3-cd)pyrene	640 U	640	110	1	05/31/17 22:04	5/31/17	
Isophorone	640 U	640	100	1	05/31/17 22:04	5/31/17	
N-Nitrosodi-n-propylamine	640 U	640	150	1	05/31/17 22:04	5/31/17	
N-Nitrosodiphenylamine	640 U	640	110	1	05/31/17 22:04	5/31/17	
Naphthalene	640 U	640	90	1	05/31/17 22:04	5/31/17	
Nitrobenzene	640 U	640	96	1	05/31/17 22:04	5/31/17	
Pentachlorophenol (PCP)	3300 U	3300	520	1	05/31/17 22:04	5/31/17	
Phenanthrene	640 U	640	140	1	05/31/17 22:04	5/31/17	
Phenol	640 U	640	230	1	05/31/17 22:04	5/31/17	
Pyrene	640 U	640	140	1	05/31/17 22:04	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	43	13 - 128	05/31/17 22:04	
2-Fluorobiphenyl	34	10 - 102	05/31/17 22:04	
2-Fluorophenol	34	16 - 129	05/31/17 22:04	
Nitrobenzene-d5	35	10 - 95	05/31/17 22:04	
Phenol-d6	35	10 - 145	05/31/17 22:04	
Terphenyl-d14	53	16 - 126	05/31/17 22:04	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-09	**Units:**	ug/Kg
Lab Code:	R1704685-009	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	410 U	410	99	1	05/31/17 22:32	5/31/17	
2,3,4,6-Tetrachlorophenol	410 U	410	110	1	05/31/17 22:32	5/31/17	
2,4,5-Trichlorophenol	410 U	410	74	1	05/31/17 22:32	5/31/17	
2,4,6-Trichlorophenol	410 U	410	49	1	05/31/17 22:32	5/31/17	
2,4-Dichlorophenol	410 U	410	72	1	05/31/17 22:32	5/31/17	
2,4-Dimethylphenol	410 U	410	76	1	05/31/17 22:32	5/31/17	
2,4-Dinitrophenol	2100 U	2100	320	1	05/31/17 22:32	5/31/17	
2,4-Dinitrotoluene	410 U	410	78	1	05/31/17 22:32	5/31/17	
2,6-Dinitrotoluene	410 U	410	110	1	05/31/17 22:32	5/31/17	
2-Chloronaphthalene	410 U	410	65	1	05/31/17 22:32	5/31/17	
2-Chlorophenol	410 U	410	54	1	05/31/17 22:32	5/31/17	
2-Methylnaphthalene	410 U	410	68	1	05/31/17 22:32	5/31/17	
2-Methylphenol	410 U	410	86	1	05/31/17 22:32	5/31/17	
2-Nitroaniline	2100 U	2100	270	1	05/31/17 22:32	5/31/17	
2-Nitrophenol	410 U	410	58	1	05/31/17 22:32	5/31/17	
3,3'-Dichlorobenzidine	410 U	410	80	1	05/31/17 22:32	5/31/17	
3- and 4-Methylphenol Coelution	410 U	410	160	1	05/31/17 22:32	5/31/17	
3-Nitroaniline	2100 U	2100	410	1	05/31/17 22:32	5/31/17	
4,6-Dinitro-2-methylphenol	2100 U	2100	430	1	05/31/17 22:32	5/31/17	
4-Bromophenyl Phenyl Ether	410 U	410	78	1	05/31/17 22:32	5/31/17	
4-Chloro-3-methylphenol	410 U	410	65	1	05/31/17 22:32	5/31/17	
4-Chloroaniline	410 U	410	80	1	05/31/17 22:32	5/31/17	
4-Chlorophenyl Phenyl Ether	410 U	410	73	1	05/31/17 22:32	5/31/17	
4-Nitroaniline	2100 U	2100	310	1	05/31/17 22:32	5/31/17	
4-Nitrophenol	2100 U	2100	260	1	05/31/17 22:32	5/31/17	
Acenaphthene	410 U	410	70	1	05/31/17 22:32	5/31/17	
Acenaphthylene	410 U	410	69	1	05/31/17 22:32	5/31/17	
Acetophenone	410 U	410	120	1	05/31/17 22:32	5/31/17	
Anthracene	410 U	410	77	1	05/31/17 22:32	5/31/17	
Atrazine	410 U	410	230	1	05/31/17 22:32	5/31/17	
Benz(a)anthracene	410 U	410	61	1	05/31/17 22:32	5/31/17	
Benzaldehyde	2100 U	2100	170	1	05/31/17 22:32	5/31/17	
Benzo(a)pyrene	410 U	410	71	1	05/31/17 22:32	5/31/17	
Benzo(b)fluoranthene	410 U	410	62	1	05/31/17 22:32	5/31/17	
Benzo(g,h,i)perylene	410 U	410	66	1	05/31/17 22:32	5/31/17	
Benzo(k)fluoranthene	410 U	410	69	1	05/31/17 22:32	5/31/17	
Biphenyl	410 U	410	84	1	05/31/17 22:32	5/31/17	
2,2'-Oxybis(1-chloropropane)	410 U	410	73	1	05/31/17 22:32	5/31/17	
Bis(2-chloroethoxy)methane	410 U	410	48	1	05/31/17 22:32	5/31/17	
Bis(2-chloroethyl) Ether	410 U	410	76	1	05/31/17 22:32	5/31/17	
Bis(2-ethylhexyl) Phthalate	410 U	410	61	1	05/31/17 22:32	5/31/17	
Butyl Benzyl Phthalate	410 U	410	81	1	05/31/17 22:32	5/31/17	
Caprolactam	410 U	410	100	1	05/31/17 22:32	5/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-09	**Units:**	ug/Kg
Lab Code:	R1704685-009	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	410 U	410	71	1	05/31/17 22:32	5/31/17	
Chrysene	410 U	410	64	1	05/31/17 22:32	5/31/17	
Di-n-butyl Phthalate	410 U	410	100	1	05/31/17 22:32	5/31/17	
Di-n-octyl Phthalate	410 U	410	78	1	05/31/17 22:32	5/31/17	
Dibenz(a,h)anthracene	410 U	410	62	1	05/31/17 22:32	5/31/17	
Dibenzofuran	410 U	410	71	1	05/31/17 22:32	5/31/17	
Diethyl Phthalate	410 U	410	80	1	05/31/17 22:32	5/31/17	
Dimethyl Phthalate	410 U	410	75	1	05/31/17 22:32	5/31/17	
Fluoranthene	410 U	410	85	1	05/31/17 22:32	5/31/17	
Fluorene	410 U	410	66	1	05/31/17 22:32	5/31/17	
Hexachlorobenzene	410 U	410	76	1	05/31/17 22:32	5/31/17	
Hexachlorobutadiene	410 U	410	45	1	05/31/17 22:32	5/31/17	
Hexachlorocyclopentadiene	410 U	410	91	1	05/31/17 22:32	5/31/17	
Hexachloroethane	410 U	410	54	1	05/31/17 22:32	5/31/17	
Indeno(1,2,3-cd)pyrene	410 U	410	68	1	05/31/17 22:32	5/31/17	
Isophorone	410 U	410	65	1	05/31/17 22:32	5/31/17	
N-Nitrosodi-n-propylamine	410 U	410	93	1	05/31/17 22:32	5/31/17	
N-Nitrosodiphenylamine	410 U	410	71	1	05/31/17 22:32	5/31/17	
Naphthalene	410 U	410	58	1	05/31/17 22:32	5/31/17	
Nitrobenzene	410 U	410	62	1	05/31/17 22:32	5/31/17	
Pentachlorophenol (PCP)	2100 U	2100	340	1	05/31/17 22:32	5/31/17	
Phenanthrene	410 U	410	86	1	05/31/17 22:32	5/31/17	
Phenol	410 U	410	150	1	05/31/17 22:32	5/31/17	
Pyrene	410 U	410	88	1	05/31/17 22:32	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	65	13 - 128	05/31/17 22:32	
2-Fluorobiphenyl	44	10 - 102	05/31/17 22:32	
2-Fluorophenol	46	16 - 129	05/31/17 22:32	
Nitrobenzene-d5	46	10 - 95	05/31/17 22:32	
Phenol-d6	49	10 - 145	05/31/17 22:32	
Terphenyl-d14	74	16 - 126	05/31/17 22:32	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-10	**Units:**	ug/Kg
Lab Code:	R1704685-010	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	430 U	430	110	1	05/31/17 23:00	5/31/17	
2,3,4,6-Tetrachlorophenol	430 U	430	120	1	05/31/17 23:00	5/31/17	
2,4,5-Trichlorophenol	430 U	430	78	1	05/31/17 23:00	5/31/17	
2,4,6-Trichlorophenol	430 U	430	51	1	05/31/17 23:00	5/31/17	
2,4-Dichlorophenol	430 U	430	75	1	05/31/17 23:00	5/31/17	
2,4-Dimethylphenol	430 U	430	79	1	05/31/17 23:00	5/31/17	
2,4-Dinitrophenol	2200 U	2200	330	1	05/31/17 23:00	5/31/17	
2,4-Dinitrotoluene	430 U	430	82	1	05/31/17 23:00	5/31/17	
2,6-Dinitrotoluene	430 U	430	110	1	05/31/17 23:00	5/31/17	
2-Chloronaphthalene	430 U	430	67	1	05/31/17 23:00	5/31/17	
2-Chlorophenol	430 U	430	56	1	05/31/17 23:00	5/31/17	
2-Methylnaphthalene	430 U	430	71	1	05/31/17 23:00	5/31/17	
2-Methylphenol	430 U	430	90	1	05/31/17 23:00	5/31/17	
2-Nitroaniline	2200 U	2200	280	1	05/31/17 23:00	5/31/17	
2-Nitrophenol	430 U	430	60	1	05/31/17 23:00	5/31/17	
3,3'-Dichlorobenzidine	430 U	430	84	1	05/31/17 23:00	5/31/17	
3- and 4-Methylphenol Coelution	430 U	430	170	1	05/31/17 23:00	5/31/17	
3-Nitroaniline	2200 U	2200	430	1	05/31/17 23:00	5/31/17	
4,6-Dinitro-2-methylphenol	2200 U	2200	450	1	05/31/17 23:00	5/31/17	
4-Bromophenyl Phenyl Ether	430 U	430	82	1	05/31/17 23:00	5/31/17	
4-Chloro-3-methylphenol	430 U	430	68	1	05/31/17 23:00	5/31/17	
4-Chloroaniline	430 U	430	84	1	05/31/17 23:00	5/31/17	
4-Chlorophenyl Phenyl Ether	430 U	430	76	1	05/31/17 23:00	5/31/17	
4-Nitroaniline	2200 U	2200	320	1	05/31/17 23:00	5/31/17	
4-Nitrophenol	2200 U	2200	270	1	05/31/17 23:00	5/31/17	
Acenaphthene	430 U	430	73	1	05/31/17 23:00	5/31/17	
Acenaphthylene	430 U	430	72	1	05/31/17 23:00	5/31/17	
Acetophenone	430 U	430	130	1	05/31/17 23:00	5/31/17	
Anthracene	430 U	430	80	1	05/31/17 23:00	5/31/17	
Atrazine	430 U	430	240	1	05/31/17 23:00	5/31/17	
Benz(a)anthracene	430 U	430	64	1	05/31/17 23:00	5/31/17	
Benzaldehyde	2200 U	2200	170	1	05/31/17 23:00	5/31/17	
Benzo(a)pyrene	430 U	430	75	1	05/31/17 23:00	5/31/17	
Benzo(b)fluoranthene	430 U	430	65	1	05/31/17 23:00	5/31/17	
Benzo(g,h,i)perylene	430 U	430	69	1	05/31/17 23:00	5/31/17	
Benzo(k)fluoranthene	430 U	430	72	1	05/31/17 23:00	5/31/17	
Biphenyl	430 U	430	87	1	05/31/17 23:00	5/31/17	
2,2'-Oxybis(1-chloropropane)	430 U	430	76	1	05/31/17 23:00	5/31/17	
Bis(2-chloroethoxy)methane	430 U	430	50	1	05/31/17 23:00	5/31/17	
Bis(2-chloroethyl) Ether	430 U	430	79	1	05/31/17 23:00	5/31/17	
Bis(2-ethylhexyl) Phthalate	430 U	430	63	1	05/31/17 23:00	5/31/17	
Butyl Benzyl Phthalate	430 U	430	85	1	05/31/17 23:00	5/31/17	
Caprolactam	430 U	430	110	1	05/31/17 23:00	5/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-10	**Units:**	ug/Kg
Lab Code:	R1704685-010	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	430 U	430	74	1	05/31/17 23:00	5/31/17	
Chrysene	430 U	430	67	1	05/31/17 23:00	5/31/17	
Di-n-butyl Phthalate	430 U	430	110	1	05/31/17 23:00	5/31/17	
Di-n-octyl Phthalate	430 U	430	81	1	05/31/17 23:00	5/31/17	
Dibenz(a,h)anthracene	430 U	430	65	1	05/31/17 23:00	5/31/17	
Dibenzofuran	430 U	430	74	1	05/31/17 23:00	5/31/17	
Diethyl Phthalate	430 U	430	84	1	05/31/17 23:00	5/31/17	
Dimethyl Phthalate	430 U	430	79	1	05/31/17 23:00	5/31/17	
Fluoranthene	430 U	430	89	1	05/31/17 23:00	5/31/17	
Fluorene	430 U	430	69	1	05/31/17 23:00	5/31/17	
Hexachlorobenzene	430 U	430	79	1	05/31/17 23:00	5/31/17	
Hexachlorobutadiene	430 U	430	47	1	05/31/17 23:00	5/31/17	
Hexachlorocyclopentadiene	430 U	430	95	1	05/31/17 23:00	5/31/17	
Hexachloroethane	430 U	430	57	1	05/31/17 23:00	5/31/17	
Indeno(1,2,3-cd)pyrene	430 U	430	71	1	05/31/17 23:00	5/31/17	
Isophorone	430 U	430	68	1	05/31/17 23:00	5/31/17	
N-Nitrosodi-n-propylamine	430 U	430	98	1	05/31/17 23:00	5/31/17	
N-Nitrosodiphenylamine	430 U	430	74	1	05/31/17 23:00	5/31/17	
Naphthalene	430 U	430	61	1	05/31/17 23:00	5/31/17	
Nitrobenzene	430 U	430	65	1	05/31/17 23:00	5/31/17	
Pentachlorophenol (PCP)	2200 U	2200	360	1	05/31/17 23:00	5/31/17	
Phenanthrene	430 U	430	89	1	05/31/17 23:00	5/31/17	
Phenol	430 U	430	160	1	05/31/17 23:00	5/31/17	
Pyrene	430 U	430	91	1	05/31/17 23:00	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	67	13 - 128	05/31/17 23:00	
2-Fluorobiphenyl	45	10 - 102	05/31/17 23:00	
2-Fluorophenol	48	16 - 129	05/31/17 23:00	
Nitrobenzene-d5	47	10 - 95	05/31/17 23:00	
Phenol-d6	54	10 - 145	05/31/17 23:00	
Terphenyl-d14	71	16 - 126	05/31/17 23:00	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-11	**Units:**	ug/Kg
Lab Code:	R1704685-011	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	450 U	450	110	1	05/31/17 23:27	5/31/17	
2,3,4,6-Tetrachlorophenol	450 U	450	120	1	05/31/17 23:27	5/31/17	
2,4,5-Trichlorophenol	450 U	450	82	1	05/31/17 23:27	5/31/17	
2,4,6-Trichlorophenol	450 U	450	54	1	05/31/17 23:27	5/31/17	
2,4-Dichlorophenol	450 U	450	80	1	05/31/17 23:27	5/31/17	
2,4-Dimethylphenol	450 U	450	84	1	05/31/17 23:27	5/31/17	
2,4-Dinitrophenol	2300 U	2300	350	1	05/31/17 23:27	5/31/17	
2,4-Dinitrotoluene	450 U	450	86	1	05/31/17 23:27	5/31/17	
2,6-Dinitrotoluene	450 U	450	120	1	05/31/17 23:27	5/31/17	
2-Chloronaphthalene	450 U	450	71	1	05/31/17 23:27	5/31/17	
2-Chlorophenol	450 U	450	59	1	05/31/17 23:27	5/31/17	
2-Methylnaphthalene	450 U	450	74	1	05/31/17 23:27	5/31/17	
2-Methylphenol	450 U	450	95	1	05/31/17 23:27	5/31/17	
2-Nitroaniline	2300 U	2300	300	1	05/31/17 23:27	5/31/17	
2-Nitrophenol	450 U	450	63	1	05/31/17 23:27	5/31/17	
3,3'-Dichlorobenzidine	450 U	450	89	1	05/31/17 23:27	5/31/17	
3- and 4-Methylphenol Coelution	450 U	450	170	1	05/31/17 23:27	5/31/17	
3-Nitroaniline	2300 U	2300	460	1	05/31/17 23:27	5/31/17	
4,6-Dinitro-2-methylphenol	2300 U	2300	470	1	05/31/17 23:27	5/31/17	
4-Bromophenyl Phenyl Ether	450 U	450	87	1	05/31/17 23:27	5/31/17	
4-Chloro-3-methylphenol	450 U	450	72	1	05/31/17 23:27	5/31/17	
4-Chloroaniline	450 U	450	88	1	05/31/17 23:27	5/31/17	
4-Chlorophenyl Phenyl Ether	450 U	450	80	1	05/31/17 23:27	5/31/17	
4-Nitroaniline	2300 U	2300	340	1	05/31/17 23:27	5/31/17	
4-Nitrophenol	2300 U	2300	290	1	05/31/17 23:27	5/31/17	
Acenaphthene	450 U	450	77	1	05/31/17 23:27	5/31/17	
Acenaphthylene	450 U	450	76	1	05/31/17 23:27	5/31/17	
Acetophenone	450 U	450	130	1	05/31/17 23:27	5/31/17	
Anthracene	450 U	450	85	1	05/31/17 23:27	5/31/17	
Atrazine	450 U	450	260	1	05/31/17 23:27	5/31/17	
Benz(a)anthracene	450 U	450	67	1	05/31/17 23:27	5/31/17	
Benzaldehyde	2300 U	2300	180	1	05/31/17 23:27	5/31/17	
Benzo(a)pyrene	450 U	450	79	1	05/31/17 23:27	5/31/17	
Benzo(b)fluoranthene	450 U	450	68	1	05/31/17 23:27	5/31/17	
Benzo(g,h,i)perylene	450 U	450	73	1	05/31/17 23:27	5/31/17	
Benzo(k)fluoranthene	450 U	450	76	1	05/31/17 23:27	5/31/17	
Biphenyl	450 U	450	92	1	05/31/17 23:27	5/31/17	
2,2'-Oxybis(1-chloropropane)	450 U	450	80	1	05/31/17 23:27	5/31/17	
Bis(2-chloroethoxy)methane	450 U	450	53	1	05/31/17 23:27	5/31/17	
Bis(2-chloroethyl) Ether	450 U	450	84	1	05/31/17 23:27	5/31/17	
Bis(2-ethylhexyl) Phthalate	450 U	450	67	1	05/31/17 23:27	5/31/17	
Butyl Benzyl Phthalate	450 U	450	89	1	05/31/17 23:27	5/31/17	
Caprolactam	450 U	450	110	1	05/31/17 23:27	5/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-11	**Units:**	ug/Kg
Lab Code:	R1704685-011	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	450 U	450	78	1	05/31/17 23:27	5/31/17	
Chrysene	450 U	450	70	1	05/31/17 23:27	5/31/17	
Di-n-butyl Phthalate	450 U	450	110	1	05/31/17 23:27	5/31/17	
Di-n-octyl Phthalate	450 U	450	86	1	05/31/17 23:27	5/31/17	
Dibenz(a,h)anthracene	450 U	450	68	1	05/31/17 23:27	5/31/17	
Dibenzofuran	450 U	450	78	1	05/31/17 23:27	5/31/17	
Diethyl Phthalate	450 U	450	88	1	05/31/17 23:27	5/31/17	
Dimethyl Phthalate	450 U	450	83	1	05/31/17 23:27	5/31/17	
Fluoranthene	450 U	450	94	1	05/31/17 23:27	5/31/17	
Fluorene	450 U	450	73	1	05/31/17 23:27	5/31/17	
Hexachlorobenzene	450 U	450	84	1	05/31/17 23:27	5/31/17	
Hexachlorobutadiene	450 U	450	50	1	05/31/17 23:27	5/31/17	
Hexachlorocyclopentadiene	450 U	450	100	1	05/31/17 23:27	5/31/17	
Hexachloroethane	450 U	450	60	1	05/31/17 23:27	5/31/17	
Indeno(1,2,3-cd)pyrene	450 U	450	75	1	05/31/17 23:27	5/31/17	
Isophorone	450 U	450	71	1	05/31/17 23:27	5/31/17	
N-Nitrosodi-n-propylamine	450 U	450	110	1	05/31/17 23:27	5/31/17	
N-Nitrosodiphenylamine	450 U	450	79	1	05/31/17 23:27	5/31/17	
Naphthalene	450 U	450	64	1	05/31/17 23:27	5/31/17	
Nitrobenzene	450 U	450	69	1	05/31/17 23:27	5/31/17	
Pentachlorophenol (PCP)	2300 U	2300	370	1	05/31/17 23:27	5/31/17	
Phenanthrene	450 U	450	94	1	05/31/17 23:27	5/31/17	
Phenol	450 U	450	160	1	05/31/17 23:27	5/31/17	
Pyrene	450 U	450	97	1	05/31/17 23:27	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	54	13 - 128	05/31/17 23:27	
2-Fluorobiphenyl	40	10 - 102	05/31/17 23:27	
2-Fluorophenol	41	16 - 129	05/31/17 23:27	
Nitrobenzene-d5	42	10 - 95	05/31/17 23:27	
Phenol-d6	44	10 - 145	05/31/17 23:27	
Terphenyl-d14	59	16 - 126	05/31/17 23:27	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-12	**Units:**	ug/Kg
Lab Code:	R1704685-012	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	660 U	660	160	1	05/31/17 23:55	5/31/17	
2,3,4,6-Tetrachlorophenol	660 U	660	180	1	05/31/17 23:55	5/31/17	
2,4,5-Trichlorophenol	660 U	660	120	1	05/31/17 23:55	5/31/17	
2,4,6-Trichlorophenol	660 U	660	78	1	05/31/17 23:55	5/31/17	
2,4-Dichlorophenol	660 U	660	120	1	05/31/17 23:55	5/31/17	
2,4-Dimethylphenol	660 U	660	130	1	05/31/17 23:55	5/31/17	
2,4-Dinitrophenol	3400 U	3400	510	1	05/31/17 23:55	5/31/17	
2,4-Dinitrotoluene	660 U	660	130	1	05/31/17 23:55	5/31/17	
2,6-Dinitrotoluene	660 U	660	170	1	05/31/17 23:55	5/31/17	
2-Chloronaphthalene	660 U	660	110	1	05/31/17 23:55	5/31/17	
2-Chlorophenol	660 U	660	86	1	05/31/17 23:55	5/31/17	
2-Methylnaphthalene	660 U	660	110	1	05/31/17 23:55	5/31/17	
2-Methylphenol	660 U	660	140	1	05/31/17 23:55	5/31/17	
2-Nitroaniline	3400 U	3400	440	1	05/31/17 23:55	5/31/17	
2-Nitrophenol	660 U	660	92	1	05/31/17 23:55	5/31/17	
3,3'-Dichlorobenzidine	660 U	660	130	1	05/31/17 23:55	5/31/17	
3- and 4-Methylphenol Coelution	660 U	660	250	1	05/31/17 23:55	5/31/17	
3-Nitroaniline	3400 U	3400	660	1	05/31/17 23:55	5/31/17	
4,6-Dinitro-2-methylphenol	3400 U	3400	690	1	05/31/17 23:55	5/31/17	
4-Bromophenyl Phenyl Ether	660 U	660	130	1	05/31/17 23:55	5/31/17	
4-Chloro-3-methylphenol	660 U	660	110	1	05/31/17 23:55	5/31/17	
4-Chloroaniline	660 U	660	130	1	05/31/17 23:55	5/31/17	
4-Chlorophenyl Phenyl Ether	660 U	660	120	1	05/31/17 23:55	5/31/17	
4-Nitroaniline	3400 U	3400	490	1	05/31/17 23:55	5/31/17	
4-Nitrophenol	3400 U	3400	420	1	05/31/17 23:55	5/31/17	
Acenaphthene	660 U	660	120	1	05/31/17 23:55	5/31/17	
Acenaphthylene	660 U	660	110	1	05/31/17 23:55	5/31/17	
Acetophenone	660 U	660	190	1	05/31/17 23:55	5/31/17	
Anthracene	660 U	660	130	1	05/31/17 23:55	5/31/17	
Atrazine	660 U	660	370	1	05/31/17 23:55	5/31/17	
Benz(a)anthracene	660 U	660	98	1	05/31/17 23:55	5/31/17	
Benzaldehyde	3400 U	3400	260	1	05/31/17 23:55	5/31/17	
Benzo(a)pyrene	660 U	660	120	1	05/31/17 23:55	5/31/17	
Benzo(b)fluoranthene	660 U	660	99	1	05/31/17 23:55	5/31/17	
Benzo(g,h,i)perylene	660 U	660	110	1	05/31/17 23:55	5/31/17	
Benzo(k)fluoranthene	660 U	660	110	1	05/31/17 23:55	5/31/17	
Biphenyl	660 U	660	140	1	05/31/17 23:55	5/31/17	
2,2'-Oxybis(1-chloropropane)	660 U	660	120	1	05/31/17 23:55	5/31/17	
Bis(2-chloroethoxy)methane	660 U	660	77	1	05/31/17 23:55	5/31/17	
Bis(2-chloroethyl) Ether	660 U	660	130	1	05/31/17 23:55	5/31/17	
Bis(2-ethylhexyl) Phthalate	660 U	660	97	1	05/31/17 23:55	5/31/17	
Butyl Benzyl Phthalate	660 U	660	130	1	05/31/17 23:55	5/31/17	
Caprolactam	660 U	660	170	1	05/31/17 23:55	5/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-12	**Units:**	ug/Kg
Lab Code:	R1704685-012	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	660 U	660	120	1	05/31/17 23:55	5/31/17	
Chrysene	660 U	660	110	1	05/31/17 23:55	5/31/17	
Di-n-butyl Phthalate	660 U	660	160	1	05/31/17 23:55	5/31/17	
Di-n-octyl Phthalate	660 U	660	130	1	05/31/17 23:55	5/31/17	
Dibenz(a,h)anthracene	660 U	660	99	1	05/31/17 23:55	5/31/17	
Dibenzofuran	660 U	660	120	1	05/31/17 23:55	5/31/17	
Diethyl Phthalate	660 U	660	130	1	05/31/17 23:55	5/31/17	
Dimethyl Phthalate	660 U	660	130	1	05/31/17 23:55	5/31/17	
Fluoranthene	660 U	660	140	1	05/31/17 23:55	5/31/17	
Fluorene	660 U	660	110	1	05/31/17 23:55	5/31/17	
Hexachlorobenzene	660 U	660	130	1	05/31/17 23:55	5/31/17	
Hexachlorobutadiene	660 U	660	73	1	05/31/17 23:55	5/31/17	
Hexachlorocyclopentadiene	660 U	660	150	1	05/31/17 23:55	5/31/17	
Hexachloroethane	660 U	660	87	1	05/31/17 23:55	5/31/17	
Indeno(1,2,3-cd)pyrene	660 U	660	110	1	05/31/17 23:55	5/31/17	
Isophorone	660 U	660	110	1	05/31/17 23:55	5/31/17	
N-Nitrosodi-n-propylamine	660 U	660	150	1	05/31/17 23:55	5/31/17	
N-Nitrosodiphenylamine	660 U	660	120	1	05/31/17 23:55	5/31/17	
Naphthalene	660 U	660	93	1	05/31/17 23:55	5/31/17	
Nitrobenzene	660 U	660	100	1	05/31/17 23:55	5/31/17	
Pentachlorophenol (PCP)	3400 U	3400	540	1	05/31/17 23:55	5/31/17	
Phenanthrene	660 U	660	140	1	05/31/17 23:55	5/31/17	
Phenol	660 U	660	240	1	05/31/17 23:55	5/31/17	
Pyrene	660 U	660	150	1	05/31/17 23:55	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	62	13 - 128	05/31/17 23:55	
2-Fluorobiphenyl	43	10 - 102	05/31/17 23:55	
2-Fluorophenol	45	16 - 129	05/31/17 23:55	
Nitrobenzene-d5	44	10 - 95	05/31/17 23:55	
Phenol-d6	49	10 - 145	05/31/17 23:55	
Terphenyl-d14	72	16 - 126	05/31/17 23:55	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 10:50
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-01	**Units:**	ug/Kg
Lab Code:	R1704685-001	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
4,4'-DDE	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
4,4'-DDT	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
Aldrin	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
Dieldrin	2.4 U	2.4	1.5	1	06/07/17 11:55	6/1/17	
Endosulfan I	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
Endosulfan II	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
Endosulfan Sulfate	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
Endrin	2.4 U	2.4	2.1	1	06/07/17 11:55	6/1/17	
Endrin Aldehyde	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
Endrin Ketone	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
Heptachlor	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
Heptachlor Epoxide	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
Methoxychlor	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
Toxaphene	24 U	24	12	1	06/07/17 11:55	6/1/17	
alpha-BHC	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
alpha-Chlordane	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
beta-BHC	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
delta-BHC	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
gamma-BHC (Lindane)	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	
gamma-Chlordane	2.4 U	2.4	1.2	1	06/07/17 11:55	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	72	10 - 122	06/07/17 11:55	
Tetrachloro-m-xylene	76	10 - 123	06/07/17 11:55	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:05
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-02	**Units:**	ug/Kg
Lab Code:	R1704685-002	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
4,4'-DDE	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
4,4'-DDT	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
Aldrin	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
Dieldrin	2.1 U	2.1	1.3	1	06/07/17 12:13	6/1/17	
Endosulfan I	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
Endosulfan II	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
Endosulfan Sulfate	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
Endrin	2.1 U	2.1	1.8	1	06/07/17 12:13	6/1/17	
Endrin Aldehyde	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
Endrin Ketone	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
Heptachlor	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
Heptachlor Epoxide	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
Methoxychlor	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
Toxaphene	21 U	21	11	1	06/07/17 12:13	6/1/17	
alpha-BHC	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
alpha-Chlordane	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
beta-BHC	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
delta-BHC	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
gamma-BHC (Lindane)	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	
gamma-Chlordane	2.1 U	2.1	1.1	1	06/07/17 12:13	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	48	10 - 122	06/07/17 12:13	
Tetrachloro-m-xylene	53	10 - 123	06/07/17 12:13	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:20
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-03	**Units:**	ug/Kg
Lab Code:	R1704685-003	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
4,4'-DDE	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
4,4'-DDT	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
Aldrin	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
Dieldrin	2.4 U	2.4	1.5	1	06/07/17 12:31	6/1/17	
Endosulfan I	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
Endosulfan II	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
Endosulfan Sulfate	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
Endrin	2.4 U	2.4	2.1	1	06/07/17 12:31	6/1/17	
Endrin Aldehyde	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
Endrin Ketone	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
Heptachlor	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
Heptachlor Epoxide	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
Methoxychlor	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
Toxaphene	24 U	24	13	1	06/07/17 12:31	6/1/17	
alpha-BHC	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
alpha-Chlordane	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
beta-BHC	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
delta-BHC	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
gamma-BHC (Lindane)	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	
gamma-Chlordane	2.4 U	2.4	1.3	1	06/07/17 12:31	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	58	10 - 122	06/07/17 12:31	
Tetrachloro-m-xylene	66	10 - 123	06/07/17 12:31	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 12:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-04	**Units:**	ug/Kg
Lab Code:	R1704685-004	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
4,4'-DDE	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
4,4'-DDT	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
Aldrin	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
Dieldrin	2.8 U	2.8	1.7	1	06/07/17 12:49	6/1/17	
Endosulfan I	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
Endosulfan II	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
Endosulfan Sulfate	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
Endrin	2.8 U	2.8	2.4	1	06/07/17 12:49	6/1/17	
Endrin Aldehyde	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
Endrin Ketone	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
Heptachlor	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
Heptachlor Epoxide	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
Methoxychlor	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
Toxaphene	28 U	28	14	1	06/07/17 12:49	6/1/17	
alpha-BHC	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
alpha-Chlordane	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
beta-BHC	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
delta-BHC	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
gamma-BHC (Lindane)	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	
gamma-Chlordane	2.8 U	2.8	1.4	1	06/07/17 12:49	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	59	10 - 122	06/07/17 12:49	
Tetrachloro-m-xylene	50	10 - 123	06/07/17 12:49	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-05	**Units:**	ug/Kg
Lab Code:	R1704685-005	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
4,4'-DDE	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
4,4'-DDT	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
Aldrin	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
Dieldrin	2.7 U	2.7	1.7	1	06/07/17 13:07	6/1/17	
Endosulfan I	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
Endosulfan II	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
Endosulfan Sulfate	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
Endrin	2.7 U	2.7	2.3	1	06/07/17 13:07	6/1/17	
Endrin Aldehyde	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
Endrin Ketone	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
Heptachlor	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
Heptachlor Epoxide	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
Methoxychlor	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
Toxaphene	27 U	27	14	1	06/07/17 13:07	6/1/17	
alpha-BHC	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
alpha-Chlordane	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
beta-BHC	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
delta-BHC	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
gamma-BHC (Lindane)	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	
gamma-Chlordane	2.7 U	2.7	1.4	1	06/07/17 13:07	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	10 - 122	06/07/17 13:07	
Tetrachloro-m-xylene	68	10 - 123	06/07/17 13:07	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-06	**Units:**	ug/Kg
Lab Code:	R1704685-006	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
4,4'-DDE	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
4,4'-DDT	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
Aldrin	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
Dieldrin	2.4 U	2.4	1.5	1	06/07/17 13:25	6/1/17	
Endosulfan I	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
Endosulfan II	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
Endosulfan Sulfate	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
Endrin	2.4 U	2.4	2.0	1	06/07/17 13:25	6/1/17	
Endrin Aldehyde	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
Endrin Ketone	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
Heptachlor	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
Heptachlor Epoxide	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
Methoxychlor	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
Toxaphene	24 U	24	12	1	06/07/17 13:25	6/1/17	
alpha-BHC	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
alpha-Chlordane	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
beta-BHC	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
delta-BHC	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
gamma-BHC (Lindane)	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	
gamma-Chlordane	2.4 U	2.4	1.2	1	06/07/17 13:25	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	57	10 - 122	06/07/17 13:25	
Tetrachloro-m-xylene	63	10 - 123	06/07/17 13:25	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-07	**Units:**	ug/Kg
Lab Code:	R1704685-007	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
4,4'-DDE	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
4,4'-DDT	**95**	9.9	4.9	2	06/08/17 09:44	6/1/17	
Aldrin	**32**	9.9	4.9	2	06/08/17 09:44	6/1/17	
Dieldrin	9.9 U	9.9	5.9	2	06/08/17 09:44	6/1/17	
Endosulfan I	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
Endosulfan II	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
Endosulfan Sulfate	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
Endrin	**69**	9.9	8.3	2	06/08/17 09:44	6/1/17	
Endrin Aldehyde	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
Endrin Ketone	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
Heptachlor	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
Heptachlor Epoxide	**37**	9.9	4.9	2	06/08/17 09:44	6/1/17	
Methoxychlor	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
Toxaphene	99 U	99	49	2	06/08/17 09:44	6/1/17	
alpha-BHC	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
alpha-Chlordane	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
beta-BHC	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
delta-BHC	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
gamma-BHC (Lindane)	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	
gamma-Chlordane	9.9 U	9.9	4.9	2	06/08/17 09:44	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	69	10 - 122	06/08/17 09:44	
Tetrachloro-m-xylene	65	10 - 123	06/08/17 09:44	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-08	**Units:**	ug/Kg
Lab Code:	R1704685-008	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
4,4'-DDE	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
4,4'-DDT	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
Aldrin	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
Dieldrin	3.3 U	3.3	2.0	1	06/07/17 13:44	6/1/17	
Endosulfan I	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
Endosulfan II	**2.4 J**	3.3	1.7	1	06/07/17 13:44	6/1/17	
Endosulfan Sulfate	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
Endrin	3.3 U	3.3	2.8	1	06/07/17 13:44	6/1/17	
Endrin Aldehyde	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
Endrin Ketone	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
Heptachlor	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
Heptachlor Epoxide	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
Methoxychlor	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
Toxaphene	33 U	33	17	1	06/07/17 13:44	6/1/17	
alpha-BHC	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
alpha-Chlordane	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
beta-BHC	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
delta-BHC	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
gamma-BHC (Lindane)	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	
gamma-Chlordane	3.3 U	3.3	1.7	1	06/07/17 13:44	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	71	10 - 122	06/07/17 13:44	
Tetrachloro-m-xylene	61	10 - 123	06/07/17 13:44	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-09	**Units:**	ug/Kg
Lab Code:	R1704685-009	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
4,4'-DDE	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
4,4'-DDT	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
Aldrin	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
Dieldrin	2.1 U	2.1	1.3	1	06/07/17 14:38	6/1/17	
Endosulfan I	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
Endosulfan II	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
Endosulfan Sulfate	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
Endrin	2.1 U	2.1	1.8	1	06/07/17 14:38	6/1/17	
Endrin Aldehyde	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
Endrin Ketone	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
Heptachlor	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
Heptachlor Epoxide	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
Methoxychlor	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
Toxaphene	21 U	21	11	1	06/07/17 14:38	6/1/17	
alpha-BHC	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
alpha-Chlordane	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
beta-BHC	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
delta-BHC	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
gamma-BHC (Lindane)	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	
gamma-Chlordane	2.1 U	2.1	1.1	1	06/07/17 14:38	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	68	10 - 122	06/07/17 14:38	
Tetrachloro-m-xylene	61	10 - 123	06/07/17 14:38	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-10	**Units:**	ug/Kg
Lab Code:	R1704685-010	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
4,4'-DDE	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
4,4'-DDT	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
Aldrin	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
Dieldrin	2.2 U	2.2	1.4	1	06/07/17 14:56	6/1/17	
Endosulfan I	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
Endosulfan II	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
Endosulfan Sulfate	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
Endrin	2.2 U	2.2	1.9	1	06/07/17 14:56	6/1/17	
Endrin Aldehyde	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
Endrin Ketone	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
Heptachlor	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
Heptachlor Epoxide	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
Methoxychlor	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
Toxaphene	22 U	22	11	1	06/07/17 14:56	6/1/17	
alpha-BHC	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
alpha-Chlordane	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
beta-BHC	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
delta-BHC	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
gamma-BHC (Lindane)	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	
gamma-Chlordane	2.2 U	2.2	1.1	1	06/07/17 14:56	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	64	10 - 122	06/07/17 14:56	
Tetrachloro-m-xylene	56	10 - 123	06/07/17 14:56	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-11	**Units:**	ug/Kg
Lab Code:	R1704685-011	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
4,4'-DDE	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
4,4'-DDT	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
Aldrin	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
Dieldrin	2.3 U	2.3	1.4	1	06/08/17 10:20	6/1/17	
Endosulfan I	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
Endosulfan II	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
Endosulfan Sulfate	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
Endrin	2.3 U	2.3	2.0	1	06/08/17 10:20	6/1/17	
Endrin Aldehyde	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
Endrin Ketone	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
Heptachlor	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
Heptachlor Epoxide	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
Methoxychlor	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
Toxaphene	23 U	23	12	1	06/08/17 10:20	6/1/17	
alpha-BHC	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
alpha-Chlordane	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
beta-BHC	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
delta-BHC	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
gamma-BHC (Lindane)	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	
gamma-Chlordane	2.3 U	2.3	1.2	1	06/08/17 10:20	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	72	10 - 122	06/08/17 10:20	
Tetrachloro-m-xylene	38	10 - 123	06/08/17 10:20	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-12	**Units:**	ug/Kg
Lab Code:	R1704685-012	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
4,4'-DDE	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
4,4'-DDT	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
Aldrin	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
Dieldrin	3.4 U	3.4	2.1	1	06/07/17 16:08	6/1/17	
Endosulfan I	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
Endosulfan II	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
Endosulfan Sulfate	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
Endrin	3.4 U	3.4	2.9	1	06/07/17 16:08	6/1/17	
Endrin Aldehyde	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
Endrin Ketone	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
Heptachlor	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
Heptachlor Epoxide	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
Methoxychlor	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
Toxaphene	34 U	34	17	1	06/07/17 16:08	6/1/17	
alpha-BHC	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
alpha-Chlordane	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
beta-BHC	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
delta-BHC	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
gamma-BHC (Lindane)	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	
gamma-Chlordane	3.4 U	3.4	1.7	1	06/07/17 16:08	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	62	10 - 122	06/07/17 16:08	
Tetrachloro-m-xylene	61	10 - 123	06/07/17 16:08	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 10:50
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-01	**Units:**	ug/Kg
Lab Code:	R1704685-001	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	47 U	47	25	1	06/02/17 19:54	6/1/17	
Aroclor 1221	95 U	95	49	1	06/02/17 19:54	6/1/17	
Aroclor 1232	47 U	47	25	1	06/02/17 19:54	6/1/17	
Aroclor 1242	47 U	47	25	1	06/02/17 19:54	6/1/17	
Aroclor 1248	47 U	47	25	1	06/02/17 19:54	6/1/17	
Aroclor 1254	47 U	47	27	1	06/02/17 19:54	6/1/17	
Aroclor 1260	47 U	47	25	1	06/02/17 19:54	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	92	22 - 128	06/02/17 19:54	
Tetrachloro-m-xylene	96	14 - 119	06/02/17 19:54	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:05
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-02	**Units:**	ug/Kg
Lab Code:	R1704685-002	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	41 U	41	21	1	06/02/17 20:14	6/1/17	
Aroclor 1221	82 U	82	42	1	06/02/17 20:14	6/1/17	
Aroclor 1232	41 U	41	21	1	06/02/17 20:14	6/1/17	
Aroclor 1242	41 U	41	21	1	06/02/17 20:14	6/1/17	
Aroclor 1248	41 U	41	21	1	06/02/17 20:14	6/1/17	
Aroclor 1254	41 U	41	24	1	06/02/17 20:14	6/1/17	
Aroclor 1260	41 U	41	21	1	06/02/17 20:14	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	66	22 - 128	06/02/17 20:14	
Tetrachloro-m-xylene	69	14 - 119	06/02/17 20:14	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:20
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-03	**Units:**	ug/Kg
Lab Code:	R1704685-003	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	47 U	47	25	1	06/02/17 20:34	6/1/17	
Aroclor 1221	96 U	96	49	1	06/02/17 20:34	6/1/17	
Aroclor 1232	47 U	47	25	1	06/02/17 20:34	6/1/17	
Aroclor 1242	47 U	47	25	1	06/02/17 20:34	6/1/17	
Aroclor 1248	47 U	47	25	1	06/02/17 20:34	6/1/17	
Aroclor 1254	47 U	47	28	1	06/02/17 20:34	6/1/17	
Aroclor 1260	47 U	47	25	1	06/02/17 20:34	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	90	22 - 128	06/02/17 20:34	
Tetrachloro-m-xylene	87	14 - 119	06/02/17 20:34	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 12:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-04	**Units:**	ug/Kg
Lab Code:	R1704685-004	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	54 U	54	28	1	06/02/17 20:53	6/1/17	
Aroclor 1221	110 U	110	56	1	06/02/17 20:53	6/1/17	
Aroclor 1232	54 U	54	28	1	06/02/17 20:53	6/1/17	
Aroclor 1242	54 U	54	28	1	06/02/17 20:53	6/1/17	
Aroclor 1248	54 U	54	28	1	06/02/17 20:53	6/1/17	
Aroclor 1254	54 U	54	32	1	06/02/17 20:53	6/1/17	
Aroclor 1260	54 U	54	28	1	06/02/17 20:53	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	79	22 - 128	06/02/17 20:53	
Tetrachloro-m-xylene	70	14 - 119	06/02/17 20:53	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-05	**Units:**	ug/Kg
Lab Code:	R1704685-005	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	52 U	52	27	1	06/02/17 21:32	6/1/17	
Aroclor 1221	110 U	110	54	1	06/02/17 21:32	6/1/17	
Aroclor 1232	52 U	52	27	1	06/02/17 21:32	6/1/17	
Aroclor 1242	52 U	52	27	1	06/02/17 21:32	6/1/17	
Aroclor 1248	52 U	52	27	1	06/02/17 21:32	6/1/17	
Aroclor 1254	52 U	52	31	1	06/02/17 21:32	6/1/17	
Aroclor 1260	52 U	52	27	1	06/02/17 21:32	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	82	22 - 128	06/02/17 21:32	
Tetrachloro-m-xylene	86	14 - 119	06/02/17 21:32	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-06	**Units:**	ug/Kg
Lab Code:	R1704685-006	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	46 U	46	24	1	06/02/17 21:52	6/1/17	
Aroclor 1221	94 U	94	48	1	06/02/17 21:52	6/1/17	
Aroclor 1232	46 U	46	24	1	06/02/17 21:52	6/1/17	
Aroclor 1242	46 U	46	24	1	06/02/17 21:52	6/1/17	
Aroclor 1248	46 U	46	24	1	06/02/17 21:52	6/1/17	
Aroclor 1254	46 U	46	27	1	06/02/17 21:52	6/1/17	
Aroclor 1260	46 U	46	24	1	06/02/17 21:52	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	82	22 - 128	06/02/17 21:52	
Tetrachloro-m-xylene	83	14 - 119	06/02/17 21:52	

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-07	**Units:**	ug/Kg
Lab Code:	R1704685-007	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	480 U	480	250	5	06/05/17 16:41	6/1/17	
Aroclor 1221	970 U	970	500	5	06/05/17 16:41	6/1/17	
Aroclor 1232	480 U	480	250	5	06/05/17 16:41	6/1/17	
Aroclor 1242	480 U	480	250	5	06/05/17 16:41	6/1/17	
Aroclor 1248	**2100**	480	250	5	06/05/17 16:41	6/1/17	
Aroclor 1254	**3500**	480	280	5	06/05/17 16:41	6/1/17	
Aroclor 1260	**840**	480	250	5	06/05/17 16:41	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	99	22 - 128	06/05/17 16:41	
Tetrachloro-m-xylene	90	14 - 119	06/05/17 16:41	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-08	**Units:**	ug/Kg
Lab Code:	R1704685-008	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	63 U	63	33	1	06/02/17 22:31	6/1/17	
Aroclor 1221	130 U	130	66	1	06/02/17 22:31	6/1/17	
Aroclor 1232	63 U	63	33	1	06/02/17 22:31	6/1/17	
Aroclor 1242	63 U	63	33	1	06/02/17 22:31	6/1/17	
Aroclor 1248	63 U	63	33	1	06/02/17 22:31	6/1/17	
Aroclor 1254	**80**	63	37	1	06/02/17 22:31	6/1/17	
Aroclor 1260	63 U	63	33	1	06/02/17 22:31	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	89	22 - 128	06/02/17 22:31	
Tetrachloro-m-xylene	75	14 - 119	06/02/17 22:31	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-09	**Units:**	ug/Kg
Lab Code:	R1704685-009	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	41 U	41	22	1	06/02/17 22:51	6/1/17	
Aroclor 1221	83 U	83	43	1	06/02/17 22:51	6/1/17	
Aroclor 1232	41 U	41	22	1	06/02/17 22:51	6/1/17	
Aroclor 1242	41 U	41	22	1	06/02/17 22:51	6/1/17	
Aroclor 1248	41 U	41	22	1	06/02/17 22:51	6/1/17	
Aroclor 1254	41 U	41	24	1	06/02/17 22:51	6/1/17	
Aroclor 1260	41 U	41	22	1	06/02/17 22:51	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	86	22 - 128	06/02/17 22:51	
Tetrachloro-m-xylene	76	14 - 119	06/02/17 22:51	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-10	**Units:**	ug/Kg
Lab Code:	R1704685-010	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	43 U	43	23	1	06/02/17 23:10	6/1/17	
Aroclor 1221	87 U	87	45	1	06/02/17 23:10	6/1/17	
Aroclor 1232	43 U	43	23	1	06/02/17 23:10	6/1/17	
Aroclor 1242	43 U	43	23	1	06/02/17 23:10	6/1/17	
Aroclor 1248	43 U	43	23	1	06/02/17 23:10	6/1/17	
Aroclor 1254	43 U	43	25	1	06/02/17 23:10	6/1/17	
Aroclor 1260	43 U	43	23	1	06/02/17 23:10	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	83	22 - 128	06/02/17 23:10	
Tetrachloro-m-xylene	70	14 - 119	06/02/17 23:10	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-11	**Units:**	ug/Kg
Lab Code:	R1704685-011	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	46 U	46	24	1	06/02/17 23:30	6/1/17	
Aroclor 1221	92 U	92	47	1	06/02/17 23:30	6/1/17	
Aroclor 1232	46 U	46	24	1	06/02/17 23:30	6/1/17	
Aroclor 1242	46 U	46	24	1	06/02/17 23:30	6/1/17	
Aroclor 1248	46 U	46	24	1	06/02/17 23:30	6/1/17	
Aroclor 1254	46 U	46	27	1	06/02/17 23:30	6/1/17	
Aroclor 1260	46 U	46	24	1	06/02/17 23:30	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	84	22 - 128	06/02/17 23:30	
Tetrachloro-m-xylene	49	14 - 119	06/02/17 23:30	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-12	**Units:**	ug/Kg
Lab Code:	R1704685-012	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	67 U	67	35	1	06/03/17 00:28	6/1/17	
Aroclor 1221	140 U	140	69	1	06/03/17 00:28	6/1/17	
Aroclor 1232	67 U	67	35	1	06/03/17 00:28	6/1/17	
Aroclor 1242	67 U	67	35	1	06/03/17 00:28	6/1/17	
Aroclor 1248	67 U	67	35	1	06/03/17 00:28	6/1/17	
Aroclor 1254	67 U	67	39	1	06/03/17 00:28	6/1/17	
Aroclor 1260	67 U	67	35	1	06/03/17 00:28	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	93	22 - 128	06/03/17 00:28	
Tetrachloro-m-xylene	85	14 - 119	06/03/17 00:28	

Metals

ALS Environmental—Rochester Laboratory
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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SD-01
Project No.:	R1704685	**Date Collected:**	5/23/2017
Project Name:		**Date Received:**	5/24/2017
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: FT-SD-01 **Lab Code:** R1704685-001

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	14.0	5.1	1.0	13600		*
Antimony	6010C	8.4	0.236	1.0	8.4	U	
Arsenic	6010C	1.4	0.232	1.0	4.5		
Barium	6010C	2.8	0.145	1.0	199		
Beryllium	6010C	0.420	0.017	1.0	0.378	J	
Cadmium	6010C	0.700	0.038	1.0	0.700	U	
Mercury	7471B	0.046	0.004	1.0	0.047		
Calcium	6010C	140	18.7	1.0	2250		
Chromium	6010C	1.4	0.057	1.0	14.8		
Cobalt	6010C	7.0	0.057	1.0	3.4	J	
Copper	6010C	2.8	0.154	1.0	3.6		
Iron	6010C	140	11.9	10.0	18500		*
Lead	6010C	7.0	0.201	1.0	7.6		
Magnesium	6010C	140	2.1	1.0	1880		
Manganese	6010C	1.4	0.064	1.0	278		
Nickel	6010C	5.6	0.177	1.0	4.2	J	
Potassium	6010C	280	5.7	1.0	522		
Selenium	6010C	1.4	0.827	1.0	0.980	J	
Silver	6010C	1.4	0.061	1.0	1.4	U	
Sodium	6010C	140	11.0	1.0	315		
Thallium	6010C	1.4	0.702	1.0	1.4	U	
Vanadium	6010C	7.0	0.094	1.0	35.2		
Zinc	6010C	2.8	0.172	1.0	24.2		

% Solids: 70.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1704685
Project Name:
Matrix: SOIL

Service Request: FT-SD-01
Date Collected: 5/23/2017
Date Received: 5/24/2017
Units: mg/Kg
Basis:

Sample Name: FT-SD-02 **Lab Code:** R1704685-002

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	11.8	4.3	1.0	18800		*
Antimony	6010C	7.1	0.199	1.0	7.1	U	
Arsenic	6010C	1.2	0.196	1.0	2.0		
Barium	6010C	2.4	0.123	1.0	370		
Beryllium	6010C	0.355	0.014	1.0	0.627		
Cadmium	6010C	0.591	0.032	1.0	0.591	U	
Mercury	7471B	0.039	0.003	1.0	0.023	J	
Calcium	6010C	118	15.8	1.0	1850		
Chromium	6010C	1.2	0.048	1.0	22.6		
Cobalt	6010C	5.9	0.048	1.0	5.6	J	
Copper	6010C	2.4	0.130	1.0	10.6		
Iron	6010C	118	10.1	10.0	18000		*
Lead	6010C	5.9	0.169	1.0	5.4	J	
Magnesium	6010C	118	1.8	1.0	3690		
Manganese	6010C	1.2	0.054	1.0	518		
Nickel	6010C	4.7	0.149	1.0	13.5		
Potassium	6010C	237	4.8	1.0	1580		
Selenium	6010C	1.2	0.699	1.0	1.1	J	
Silver	6010C	1.2	0.052	1.0	1.2	U	
Sodium	6010C	118	9.3	1.0	271		
Thallium	6010C	1.2	0.593	1.0	1.2	U	
Vanadium	6010C	5.9	0.080	1.0	32.2		
Zinc	6010C	2.4	0.145	1.0	34.7		

% Solids: 81.3

Comments:

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1704685
Project Name:
Matrix: SOIL

Service Request: FT-SD-01
Date Collected: 5/23/2017
Date Received: 5/24/2017
Units: mg/Kg
Basis:

Sample Name: FT-SD-03 **Lab Code:** R1704685-003

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	14.0	5.1	1.0	3000		*
Antimony	6010C	8.4	0.236	1.0	8.4	U	
Arsenic	6010C	1.4	0.232	1.0	0.757	J	
Barium	6010C	2.8	0.146	1.0	41.5		
Beryllium	6010C	0.421	0.017	1.0	0.126	J	
Cadmium	6010C	0.701	0.038	1.0	0.701	U	
Mercury	7471B	0.044	0.004	1.0	0.007	J	
Calcium	6010C	140	18.7	1.0	860		
Chromium	6010C	1.4	0.057	1.0	4.4		
Cobalt	6010C	7.0	0.057	1.0	2.1	J	
Copper	6010C	2.8	0.154	1.0	2.0	J	
Iron	6010C	140	11.9	10.0	5460		*
Lead	6010C	7.0	0.201	1.0	1.2	J	
Magnesium	6010C	140	2.1	1.0	1210		
Manganese	6010C	1.4	0.064	1.0	75.6		
Nickel	6010C	5.6	0.177	1.0	3.9	J	
Potassium	6010C	281	5.7	1.0	439		
Selenium	6010C	1.4	0.829	1.0	1.4	U	
Silver	6010C	1.4	0.062	1.0	1.4	U	
Sodium	6010C	140	11.0	1.0	66.8	J	
Thallium	6010C	1.4	0.703	1.0	1.4	U	
Vanadium	6010C	7.0	0.095	1.0	6.4	J	
Zinc	6010C	2.8	0.172	1.0	12.3		

% Solids: 69.9

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1704685
Project Name:
Matrix: SOIL

Service Request: FT-SD-01
Date Collected: 5/23/2017
Date Received: 5/24/2017
Units: mg/Kg
Basis:

Sample Name: FT-SD-04 **Lab Code:** R1704685-004

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	16.2	5.9	1.0	20400		*
Antimony	6010C	9.7	0.272	1.0	9.7	U	
Arsenic	6010C	1.6	0.267	1.0	5.5		
Barium	6010C	3.2	0.168	1.0	330		
Beryllium	6010C	0.485	0.019	1.0	0.808		
Cadmium	6010C	0.808	0.043	1.0	0.808	U	
Mercury	7471B	0.054	0.005	1.0	0.087		
Calcium	6010C	162	21.5	1.0	1800		
Chromium	6010C	1.6	0.066	1.0	23.8		
Cobalt	6010C	8.1	0.065	1.0	6.6	J	
Copper	6010C	3.2	0.178	1.0	7.2		
Iron	6010C	162	13.8	10.0	20700		*
Lead	6010C	8.1	0.231	1.0	7.6	J	
Magnesium	6010C	162	2.4	1.0	3750		
Manganese	6010C	1.6	0.074	1.0	200		
Nickel	6010C	6.5	0.204	1.0	14.1		
Potassium	6010C	323	6.6	1.0	1120		
Selenium	6010C	1.6	0.954	1.0	1.6	U	
Silver	6010C	1.6	0.071	1.0	1.6	U	
Sodium	6010C	162	12.6	1.0	350		
Thallium	6010C	1.6	0.809	1.0	1.6	U	
Vanadium	6010C	8.1	0.109	1.0	43.8		
Zinc	6010C	3.2	0.199	1.0	46.8		

% Solids: 60.1

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SD-01
Project No.:	R1704685	**Date Collected:**	5/23/2017
Project Name:		**Date Received:**	5/24/2017
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **FT-SD-05** **Lab Code:** **R1704685-005**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	15.8	5.8	1.0	23000		*
Antimony	6010C	9.5	0.267	1.0	9.5	U	
Arsenic	6010C	1.6	0.262	1.0	4.4		
Barium	6010C	3.2	0.164	1.0	398		
Beryllium	6010C	0.475	0.019	1.0	0.760		
Cadmium	6010C	0.792	0.043	1.0	0.792	U	
Mercury	7471B	0.050	0.004	1.0	0.083		
Calcium	6010C	158	21.1	1.0	2190		
Chromium	6010C	1.6	0.064	1.0	25.2		
Cobalt	6010C	7.9	0.064	1.0	5.8	J	
Copper	6010C	3.2	0.174	1.0	8.5		
Iron	6010C	158	13.5	10.0	23500		*
Lead	6010C	7.9	0.227	1.0	8.7		
Magnesium	6010C	158	2.3	1.0	3790		
Manganese	6010C	1.6	0.073	1.0	509		
Nickel	6010C	6.3	0.200	1.0	14.5		
Potassium	6010C	317	6.4	1.0	1130		
Selenium	6010C	1.6	0.936	1.0	1.1	J	
Silver	6010C	1.6	0.070	1.0	1.6	U	
Sodium	6010C	158	12.4	1.0	741		
Thallium	6010C	1.6	0.794	1.0	1.6	U	
Vanadium	6010C	7.9	0.107	1.0	48.1		
Zinc	6010C	3.2	0.195	1.0	44.2		

% Solids: **62.5**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SD-01
Project No.:	R1704685	**Date Collected:**	5/23/2017
Project Name:		**Date Received:**	5/24/2017
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **FT-SD-06** **Lab Code:** **R1704685-006**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	13.4	4.9	1.0	18800		*
Antimony	6010C	8.0	0.226	1.0	8.0	U	
Arsenic	6010C	1.3	0.222	1.0	11.6		
Barium	6010C	2.7	0.139	1.0	455		
Beryllium	6010C	0.402	0.016	1.0	0.630		
Cadmium	6010C	0.670	0.036	1.0	0.670	U	
Mercury	7471B	0.045	0.004	1.0	0.049		
Calcium	6010C	134	17.8	1.0	1930		
Chromium	6010C	1.3	0.055	1.0	23.4		
Cobalt	6010C	6.7	0.054	1.0	4.5	J	
Copper	6010C	2.7	0.147	1.0	5.3		
Iron	6010C	134	11.4	10.0	18200		*
Lead	6010C	6.7	0.192	1.0	7.3		
Magnesium	6010C	134	2.0	1.0	3310		
Manganese	6010C	1.3	0.061	1.0	208		
Nickel	6010C	5.4	0.169	1.0	9.7		
Potassium	6010C	268	5.4	1.0	879		
Selenium	6010C	1.3	0.791	1.0	0.884	J	
Silver	6010C	1.3	0.059	1.0	1.3	U	
Sodium	6010C	134	10.5	1.0	668		
Thallium	6010C	1.3	0.671	1.0	1.3	U	
Vanadium	6010C	6.7	0.090	1.0	40.0		
Zinc	6010C	2.7	0.165	1.0	30.6		

% Solids: **71.1**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SD-01
Project No.:	R1704685	**Date Collected:**	5/23/2017
Project Name:		**Date Received:**	5/24/2017
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **FT-SD-07** **Lab Code:** **R1704685-007**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	29.1	10.6	1.0	5710		*
Antimony	6010C	17.4	0.490	1.0	24.4		
Arsenic	6010C	2.9	0.481	1.0	8.9		
Barium	6010C	5.8	0.302	1.0	491		
Beryllium	6010C	0.872	0.035	1.0	0.203	J	
Cadmium	6010C	1.5	0.078	1.0	22.7		
Mercury	7471B	0.092	0.008	1.0	2.1		
Calcium	6010C	2910	387	10.0	20900		
Chromium	6010C	2.9	0.118	1.0	60.1		
Cobalt	6010C	14.5	0.117	1.0	19.2		
Copper	6010C	58.1	3.2	10.0	4850		
Iron	6010C	291	24.8	10.0	66500		*
Lead	6010C	14.5	0.417	1.0	1380		
Magnesium	6010C	291	4.3	1.0	3430		
Manganese	6010C	2.9	0.133	1.0	566		
Nickel	6010C	11.6	0.367	1.0	162		
Potassium	6010C	581	11.8	1.0	377	J	
Selenium	6010C	2.9	1.7	1.0	2.5	J	
Silver	6010C	2.9	0.128	1.0	5.4		
Sodium	6010C	291	22.7	1.0	156	J	
Thallium	6010C	2.9	1.5	1.0	2.9	U	
Vanadium	6010C	14.5	0.196	1.0	14.9		
Zinc	6010C	58.1	3.6	10.0	3230		

% Solids: **34.4**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SD-01
Project No.:	R1704685	**Date Collected:**	5/23/2017
Project Name:		**Date Received:**	5/24/2017
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **FT-SD-08** **Lab Code:** **R1704685-008**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	18.5	6.7	1.0	12300		*
Antimony	6010C	11.1	0.312	1.0	11.1	U	
Arsenic	6010C	1.9	0.306	1.0	9.0		
Barium	6010C	3.7	0.192	1.0	239		
Beryllium	6010C	0.555	0.022	1.0	0.499	J	
Cadmium	6010C	0.925	0.050	1.0	0.925	U	
Mercury	7471B	0.061	0.005	1.0	0.044	J	
Calcium	6010C	185	24.6	1.0	2190		
Chromium	6010C	1.9	0.075	1.0	15.5		
Cobalt	6010C	9.3	0.075	1.0	5.4	J	
Copper	6010C	3.7	0.203	1.0	8.1		
Iron	6010C	185	15.8	10.0	16400		*
Lead	6010C	9.3	0.265	1.0	5.5	J	
Magnesium	6010C	185	2.7	1.0	2970		
Manganese	6010C	1.9	0.085	1.0	657		
Nickel	6010C	7.4	0.234	1.0	9.4		
Potassium	6010C	370	7.5	1.0	860		
Selenium	6010C	1.9	1.1	1.0	1.2	J	
Silver	6010C	1.9	0.081	1.0	1.9	U	
Sodium	6010C	185	14.5	1.0	51.2	J	
Thallium	6010C	1.9	0.927	1.0	1.9	U	
Vanadium	6010C	9.3	0.125	1.0	27.8		
Zinc	6010C	3.7	0.227	1.0	30.2		

% Solids: **51.5**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SD-01
Project No.:	R1704685	**Date Collected:**	5/23/2017
Project Name:		**Date Received:**	5/24/2017
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **FT-SD-09** **Lab Code:** **R1704685-009**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	12.1	4.4	1.0	8650		*
Antimony	6010C	7.3	0.204	1.0	7.3	U	
Arsenic	6010C	1.2	0.200	1.0	1.2	J	
Barium	6010C	2.4	0.126	1.0	151		
Beryllium	6010C	0.363	0.015	1.0	0.290	J	
Cadmium	6010C	0.605	0.033	1.0	0.605	U	
Mercury	7471B	0.040	0.004	1.0	0.019	J	
Calcium	6010C	121	16.1	1.0	1050		
Chromium	6010C	1.2	0.049	1.0	10.3		
Cobalt	6010C	6.1	0.049	1.0	3.7	J	
Copper	6010C	2.4	0.133	1.0	1.9	J	
Iron	6010C	121	10.3	10.0	12100		*
Lead	6010C	6.1	0.173	1.0	4.2	J	
Magnesium	6010C	121	1.8	1.0	1690		
Manganese	6010C	1.2	0.055	1.0	178		
Nickel	6010C	4.8	0.153	1.0	5.6		
Potassium	6010C	242	4.9	1.0	403		
Selenium	6010C	1.2	0.715	1.0	0.919	J	
Silver	6010C	1.2	0.053	1.0	1.2	U	
Sodium	6010C	121	9.5	1.0	75.2	J	
Thallium	6010C	1.2	0.606	1.0	1.2	U	
Vanadium	6010C	6.1	0.082	1.0	20.7		
Zinc	6010C	2.4	0.149	1.0	18.9		

% Solids: **79.5**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SD-01
Project No.:	R1704685	**Date Collected:**	5/24/2017
Project Name:		**Date Received:**	5/24/2017
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **FT-SD-10** **Lab Code:** **R1704685-010**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	12.8	4.7	1.0	6860		*
Antimony	6010C	7.7	0.216	1.0	7.7	U	
Arsenic	6010C	1.3	0.212	1.0	1.4		
Barium	6010C	2.6	0.133	1.0	27.1		
Beryllium	6010C	0.384	0.015	1.0	0.141	J	
Cadmium	6010C	0.641	0.034	1.0	0.641	U	
Mercury	7471B	0.043	0.004	1.0	0.014	J	
Calcium	6010C	128	17.1	1.0	747		
Chromium	6010C	1.3	0.052	1.0	7.3		
Cobalt	6010C	6.4	0.052	1.0	3.1	J	
Copper	6010C	2.6	0.141	1.0	7.3		
Iron	6010C	128	10.9	10.0	9080		*
Lead	6010C	6.4	0.184	1.0	3.1	J	
Magnesium	6010C	128	1.9	1.0	1950		
Manganese	6010C	1.3	0.059	1.0	74.6		
Nickel	6010C	5.1	0.162	1.0	5.8		
Potassium	6010C	256	5.2	1.0	609		
Selenium	6010C	1.3	0.757	1.0	1.3	U	
Silver	6010C	1.3	0.056	1.0	1.3	U	
Sodium	6010C	128	10.0	1.0	42.3	J	
Thallium	6010C	1.3	0.642	1.0	1.3	U	
Vanadium	6010C	6.4	0.086	1.0	11.7		
Zinc	6010C	2.6	0.158	1.0	19.5		

% Solids: **76.5**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-SD-01
Project No.:	R1704685	**Date Collected:**	5/24/2017
Project Name:		**Date Received:**	5/24/2017
Matrix:	SOIL	**Units:**	mg/Kg
		Basis:	

Sample Name: **FT-SD-11** **Lab Code:** **R1704685-011**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	13.4	4.9	1.0	7590		*
Antimony	6010C	8.1	0.227	1.0	8.1	U	
Arsenic	6010C	1.3	0.222	1.0	2.3		
Barium	6010C	2.7	0.140	1.0	44.4		
Beryllium	6010C	0.403	0.016	1.0	0.215	J	
Cadmium	6010C	0.672	0.036	1.0	0.672	U	
Mercury	7471B	0.045	0.004	1.0	0.060		
Calcium	6010C	134	17.9	1.0	1310		
Chromium	6010C	1.3	0.055	1.0	7.4		
Cobalt	6010C	6.7	0.054	1.0	1.0	J	
Copper	6010C	2.7	0.148	1.0	2.0	J	
Iron	6010C	13.4	1.2	1.0	6140		*
Lead	6010C	6.7	0.193	1.0	6.0	J	
Magnesium	6010C	134	2.0	1.0	1440		
Manganese	6010C	1.3	0.062	1.0	185		
Nickel	6010C	5.4	0.170	1.0	3.4	J	
Potassium	6010C	269	5.5	1.0	418		
Selenium	6010C	1.3	0.794	1.0	0.820	J	
Silver	6010C	1.3	0.059	1.0	1.3	U	
Sodium	6010C	134	10.5	1.0	70.3	J	
Thallium	6010C	1.3	0.674	1.0	1.3	U	
Vanadium	6010C	6.7	0.091	1.0	15.7		
Zinc	6010C	2.7	0.165	1.0	12.4		

% Solids: **72.2**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-SD-01
Project No.: R1704685
Date Collected: 5/24/2017
Project Name:
Date Received: 5/24/2017
Matrix: SOIL
Units: mg/Kg
Basis:

Sample Name: FT-SD-12
Lab Code: R1704685-012

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	20.0	7.3	1.0	7950		*
Antimony	6010C	12.0	0.337	1.0	12.0	U	
Arsenic	6010C	2.0	0.331	1.0	2.8		
Barium	6010C	4.0	0.208	1.0	87.9		
Beryllium	6010C	0.600	0.024	1.0	0.300	J	
Cadmium	6010C	1.0	0.054	1.0	1.0	U	
Mercury	7471B	0.065	0.006	1.0	0.027	J	
Calcium	6010C	200	26.6	1.0	1310		
Chromium	6010C	2.0	0.081	1.0	10.8		
Cobalt	6010C	10.0	0.081	1.0	3.7	J	
Copper	6010C	4.0	0.220	1.0	6.0		
Iron	6010C	20.0	1.7	1.0	9290		*
Lead	6010C	10.0	0.287	1.0	2.4	J	
Magnesium	6010C	200	3.0	1.0	2130		
Manganese	6010C	2.0	0.092	1.0	219		
Nickel	6010C	8.0	0.253	1.0	7.9	J	
Potassium	6010C	400	8.1	1.0	640		
Selenium	6010C	2.0	1.2	1.0	2.0	U	
Silver	6010C	2.0	0.088	1.0	2.0	U	
Sodium	6010C	200	15.6	1.0	341		
Thallium	6010C	2.0	1.0	1.0	2.0	U	
Vanadium	6010C	10.0	0.135	1.0	14.3		
Zinc	6010C	4.0	0.246	1.0	21.0		

% Solids: 49.5

Comments:

General Chemistry

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 10:50
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-01	**Basis:**	Dry
Lab Code:	R1704685-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.05 J**	mg/Kg	0.13	0.02	1	06/02/17 10:24	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 10:50
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-01	**Basis:**	As Received
Lab Code:	R1704685-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**70.0**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:05
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-02	**Basis:**	Dry
Lab Code:	R1704685-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.14**	mg/Kg	0.11	0.02	1	06/02/17 10:25	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:05
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-02	**Basis:**	As Received
Lab Code:	R1704685-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**81.3**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:20
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-03	**Basis:**	Dry
Lab Code:	R1704685-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.04 J**	mg/Kg	0.13	0.02	1	06/02/17 10:26	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 11:20
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-03	**Basis:**	As Received
Lab Code:	R1704685-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**69.9**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 12:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-04	**Basis:**	Dry
Lab Code:	R1704685-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.04 J**	mg/Kg	0.14	0.03	1	06/02/17 10:27	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 12:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-04	**Basis:**	As Received
Lab Code:	R1704685-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**60.1**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-05	**Basis:**	Dry
Lab Code:	R1704685-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.08 J**	mg/Kg	0.15	0.03	1	06/02/17 10:28	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-05	**Basis:**	As Received
Lab Code:	R1704685-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**62.5**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-06	**Basis:**	Dry
Lab Code:	R1704685-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.05 J**	mg/Kg	0.13	0.02	1	06/02/17 10:28	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 13:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-06	**Basis:**	As Received
Lab Code:	R1704685-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**71.1**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-07	**Basis:**	Dry
Lab Code:	R1704685-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.29**	mg/Kg	0.26	0.04	1	06/02/17 10:31	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-07	**Basis:**	As Received
Lab Code:	R1704685-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**34.4**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-08	**Basis:**	Dry
Lab Code:	R1704685-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.18 U	mg/Kg	0.18	0.03	1	06/02/17 10:31	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 14:45
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-08	**Basis:**	As Received
Lab Code:	R1704685-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**51.5**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-09	**Basis:**	Dry
Lab Code:	R1704685-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.05 J**	mg/Kg	0.11	0.02	1	06/02/17 10:32	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-09	**Basis:**	As Received
Lab Code:	R1704685-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**79.5**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-10	**Basis:**	Dry
Lab Code:	R1704685-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.12 U	mg/Kg	0.12	0.02	1	06/02/17 10:33	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:00
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-10	**Basis:**	As Received
Lab Code:	R1704685-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**76.5**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-11	**Basis:**	Dry
Lab Code:	R1704685-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.04 J**	mg/Kg	0.12	0.02	1	06/02/17 10:35	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:15
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-11	**Basis:**	As Received
Lab Code:	R1704685-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**72.2**	Percent	-	-	1	06/01/17 16:20	NA	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-12	**Basis:**	Dry
Lab Code:	R1704685-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.03 J**	mg/Kg	0.17	0.03	1	06/02/17 10:36	05/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17 09:30
Sample Matrix:	Soil	**Date Received:**	05/24/17 13:05
Sample Name:	FT-SD-12	**Basis:**	As Received
Lab Code:	R1704685-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Total Solids	ALS SOP	**49.5**	Percent	-	-	1	06/01/17 16:20	NA	

QC Summary Forms

ALS Environmental—Rochester Laboratory
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Extraction Method: EPA 5035A

		4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8
Sample Name	**Lab Code**	**51 - 136**	**63 - 138**	**66 - 138**
FT-SD-01	R1704685-001	96	99	104
FT-SD-02	R1704685-002	103	98	105
FT-SD-03	R1704685-003	104	99	104
FT-SD-04	R1704685-004	91	95	100
FT-SD-05	R1704685-005	95	97	103
FT-SD-06	R1704685-006	92	97	102
FT-SD-07	R1704685-007	46 *	109	96
FT-SD-07 DL	R1704685-007	50 *	106	96
FT-SD-08	R1704685-008	107	100	105
FT-SD-09	R1704685-009	103	98	104
FT-SD-10	R1704685-010	102	96	104
FT-SD-11	R1704685-011	105	99	105
FT-SD-12	R1704685-012	104	97	104
Lab Control Sample	RQ1705001-03	102	103	103
Duplicate Lab Control Sample	RQ1705001-04	106	103	104
Method Blank	RQ1705001-05	102	101	101
Lab Control Sample	RQ1705003-03	104	105	104
Duplicate Lab Control Sample	RQ1705003-04	108	104	105
Method Blank	RQ1705003-05	103	102	104

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1705001-05	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.73	1	05/30/17 12:47	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.81	1	05/30/17 12:47	
1,1,2-Trichloroethane	5.0 U	5.0	0.73	1	05/30/17 12:47	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1.3	1	05/30/17 12:47	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1.3	1	05/30/17 12:47	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.3	1	05/30/17 12:47	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.62	1	05/30/17 12:47	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.59	1	05/30/17 12:47	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.9	1	05/30/17 12:47	
1,2-Dibromoethane	5.0 U	5.0	1.3	1	05/30/17 12:47	
1,2-Dichlorobenzene	5.0 U	5.0	0.61	1	05/30/17 12:47	
1,2-Dichloroethane	5.0 U	5.0	0.61	1	05/30/17 12:47	
1,2-Dichloropropane	5.0 U	5.0	0.97	1	05/30/17 12:47	
1,3-Dichlorobenzene	5.0 U	5.0	0.63	1	05/30/17 12:47	
1,4-Dichlorobenzene	5.0 U	5.0	0.56	1	05/30/17 12:47	
1,4-Dioxane	100 U	100	20	1	05/30/17 12:47	
2-Butanone (MEK)	5.0 U	5.0	2.3	1	05/30/17 12:47	
2-Hexanone	5.0 U	5.0	1.3	1	05/30/17 12:47	
4-Methyl-2-pentanone	5.0 U	5.0	0.98	1	05/30/17 12:47	
Acetone	5.0 U	5.0	2.9	1	05/30/17 12:47	
Benzene	5.0 U	5.0	0.29	1	05/30/17 12:47	
Bromochloromethane	5.0 U	5.0	1.4	1	05/30/17 12:47	
Bromodichloromethane	5.0 U	5.0	0.61	1	05/30/17 12:47	
Bromoform	5.0 U	5.0	0.93	1	05/30/17 12:47	
Bromomethane	5.0 U	5.0	1.4	1	05/30/17 12:47	
Carbon Disulfide	5.0 U	5.0	1.3	1	05/30/17 12:47	
Carbon Tetrachloride	5.0 U	5.0	0.92	1	05/30/17 12:47	
Chlorobenzene	5.0 U	5.0	0.29	1	05/30/17 12:47	
Chloroethane	5.0 U	5.0	2.9	1	05/30/17 12:47	
Chloroform	5.0 U	5.0	1.3	1	05/30/17 12:47	
Chloromethane	5.0 U	5.0	0.40	1	05/30/17 12:47	
Cyclohexane	5.0 U	5.0	1.4	1	05/30/17 12:47	
Dibromochloromethane	5.0 U	5.0	0.73	1	05/30/17 12:47	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1.9	1	05/30/17 12:47	
Dichloromethane	**2.0 J**	5.0	0.57	1	05/30/17 12:47	
Ethylbenzene	5.0 U	5.0	0.23	1	05/30/17 12:47	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.67	1	05/30/17 12:47	
Methyl Acetate	5.0 U	5.0	1.8	1	05/30/17 12:47	
Methyl tert-Butyl Ether	5.0 U	5.0	0.94	1	05/30/17 12:47	
Methylcyclohexane	5.0 U	5.0	1.2	1	05/30/17 12:47	
Styrene	5.0 U	5.0	0.30	1	05/30/17 12:47	
Tetrachloroethene (PCE)	5.0 U	5.0	0.88	1	05/30/17 12:47	
Toluene	5.0 U	5.0	1.0	1	05/30/17 12:47	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1705001-05	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1.1	1	05/30/17 12:47	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.66	1	05/30/17 12:47	
Vinyl Chloride	5.0 U	5.0	1.9	1	05/30/17 12:47	
cis-1,2-Dichloroethene	5.0 U	5.0	0.95	1	05/30/17 12:47	
cis-1,3-Dichloropropene	5.0 U	5.0	0.90	1	05/30/17 12:47	
m,p-Xylenes	10 U	10	1.1	1	05/30/17 12:47	
o-Xylene	5.0 U	5.0	0.48	1	05/30/17 12:47	
trans-1,2-Dichloroethene	5.0 U	5.0	0.86	1	05/30/17 12:47	
trans-1,3-Dichloropropene	5.0 U	5.0	0.20	1	05/30/17 12:47	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	51 - 136	05/30/17 12:47	
Dibromofluoromethane	101	63 - 138	05/30/17 12:47	
Toluene-d8	101	66 - 138	05/30/17 12:47	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1705003-05	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.73	1	05/31/17 12:31	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.81	1	05/31/17 12:31	
1,1,2-Trichloroethane	5.0 U	5.0	0.73	1	05/31/17 12:31	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	1.3	1	05/31/17 12:31	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1.3	1	05/31/17 12:31	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.3	1	05/31/17 12:31	
1,2,3-Trichlorobenzene	5.0 U	5.0	0.62	1	05/31/17 12:31	
1,2,4-Trichlorobenzene	5.0 U	5.0	0.59	1	05/31/17 12:31	
1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	1.9	1	05/31/17 12:31	
1,2-Dibromoethane	5.0 U	5.0	1.3	1	05/31/17 12:31	
1,2-Dichlorobenzene	5.0 U	5.0	0.61	1	05/31/17 12:31	
1,2-Dichloroethane	5.0 U	5.0	0.61	1	05/31/17 12:31	
1,2-Dichloropropane	5.0 U	5.0	0.97	1	05/31/17 12:31	
1,3-Dichlorobenzene	5.0 U	5.0	0.63	1	05/31/17 12:31	
1,4-Dichlorobenzene	5.0 U	5.0	0.56	1	05/31/17 12:31	
1,4-Dioxane	100 U	100	20	1	05/31/17 12:31	
2-Butanone (MEK)	5.0 U	5.0	2.3	1	05/31/17 12:31	
2-Hexanone	5.0 U	5.0	1.3	1	05/31/17 12:31	
4-Methyl-2-pentanone	5.0 U	5.0	0.98	1	05/31/17 12:31	
Acetone	5.0 U	5.0	2.9	1	05/31/17 12:31	
Benzene	5.0 U	5.0	0.29	1	05/31/17 12:31	
Bromochloromethane	5.0 U	5.0	1.4	1	05/31/17 12:31	
Bromodichloromethane	5.0 U	5.0	0.61	1	05/31/17 12:31	
Bromoform	5.0 U	5.0	0.93	1	05/31/17 12:31	
Bromomethane	5.0 U	5.0	1.4	1	05/31/17 12:31	
Carbon Disulfide	5.0 U	5.0	1.3	1	05/31/17 12:31	
Carbon Tetrachloride	5.0 U	5.0	0.92	1	05/31/17 12:31	
Chlorobenzene	5.0 U	5.0	0.29	1	05/31/17 12:31	
Chloroethane	5.0 U	5.0	2.9	1	05/31/17 12:31	
Chloroform	5.0 U	5.0	1.3	1	05/31/17 12:31	
Chloromethane	5.0 U	5.0	0.40	1	05/31/17 12:31	
Cyclohexane	5.0 U	5.0	1.4	1	05/31/17 12:31	
Dibromochloromethane	5.0 U	5.0	0.73	1	05/31/17 12:31	
Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	1.9	1	05/31/17 12:31	
Dichloromethane	5.0 U	5.0	0.57	1	05/31/17 12:31	
Ethylbenzene	5.0 U	5.0	0.23	1	05/31/17 12:31	
Isopropylbenzene (Cumene)	5.0 U	5.0	0.67	1	05/31/17 12:31	
Methyl Acetate	5.0 U	5.0	1.8	1	05/31/17 12:31	
Methyl tert-Butyl Ether	5.0 U	5.0	0.94	1	05/31/17 12:31	
Methylcyclohexane	5.0 U	5.0	1.2	1	05/31/17 12:31	
Styrene	5.0 U	5.0	0.30	1	05/31/17 12:31	
Tetrachloroethene (PCE)	5.0 U	5.0	0.88	1	05/31/17 12:31	
Toluene	5.0 U	5.0	1.0	1	05/31/17 12:31	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1705003-05	**Basis:**	Dry

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5035A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	5.0 U	5.0	1.1	1	05/31/17 12:31	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.66	1	05/31/17 12:31	
Vinyl Chloride	5.0 U	5.0	1.9	1	05/31/17 12:31	
cis-1,2-Dichloroethene	5.0 U	5.0	0.95	1	05/31/17 12:31	
cis-1,3-Dichloropropene	5.0 U	5.0	0.90	1	05/31/17 12:31	
m,p-Xylenes	10 U	10	1.1	1	05/31/17 12:31	
o-Xylene	5.0 U	5.0	0.48	1	05/31/17 12:31	
trans-1,2-Dichloroethene	5.0 U	5.0	0.86	1	05/31/17 12:31	
trans-1,3-Dichloropropene	5.0 U	5.0	0.20	1	05/31/17 12:31	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	51 - 136	05/31/17 12:31	
Dibromofluoromethane	102	63 - 138	05/31/17 12:31	
Toluene-d8	104	66 - 138	05/31/17 12:31	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 05/30/17

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1705001-03			RQ1705001-04					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	8260C	18.5	20.0	92	18.2	20.0	91	40-140	1	30
1,1,2,2-Tetrachloroethane	8260C	21.8	20.0	109	20.8	20.0	104	40-140	5	30
1,1,2-Trichloroethane	8260C	19.9	20.0	99	20.0	20.0	100	40-140	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	17.1	20.0	85	17.4	20.0	87	40-140	2	30
1,1-Dichloroethane (1,1-DCA)	8260C	20.7	20.0	103	20.5	20.0	103	40-140	<1	30
1,1-Dichloroethene (1,1-DCE)	8260C	18.3	20.0	92	18.6	20.0	93	40-140	1	30
1,2,3-Trichlorobenzene	8260C	20.6	20.0	103	19.3	20.0	96	40-140	7	30
1,2,4-Trichlorobenzene	8260C	20.3	20.0	102	20.3	20.0	101	40-140	<1	30
1,2-Dibromo-3-chloropropane (DBCP)	8260C	17.7	20.0	88	16.1	20.0	80	40-140	10	30
1,2-Dibromoethane	8260C	20.3	20.0	102	19.2	20.0	96	40-140	6	30
1,2-Dichlorobenzene	8260C	20.4	20.0	102	19.7	20.0	99	40-140	3	30
1,2-Dichloroethane	8260C	22.0	20.0	110	21.7	20.0	108	40-140	2	30
1,2-Dichloropropane	8260C	19.7	20.0	99	19.5	20.0	98	40-140	1	30
1,3-Dichlorobenzene	8260C	20.5	20.0	103	19.5	20.0	98	40-140	5	30
1,4-Dichlorobenzene	8260C	20.5	20.0	102	19.7	20.0	98	40-140	4	30
1,4-Dioxane	8260C	395	400	99	441	400	110	40-140	11	30
2-Butanone (MEK)	8260C	22.2	20.0	111	21.4	20.0	107	40-140	4	30
2-Hexanone	8260C	20.8	20.0	104	19.8	20.0	99	40-140	5	30
4-Methyl-2-pentanone	8260C	20.8	20.0	104	20.5	20.0	103	40-140	<1	30
Acetone	8260C	20.8	20.0	104	21.1	20.0	105	40-140	<1	30
Benzene	8260C	19.0	20.0	95	19.2	20.0	96	40-140	1	30
Bromochloromethane	8260C	20.1	20.0	101	19.2	20.0	96	40-140	5	30
Bromodichloromethane	8260C	19.0	20.0	95	18.5	20.0	92	40-140	3	30
Bromoform	8260C	19.3	20.0	97	17.6	20.0	88	40-140	10	30
Bromomethane	8260C	23.1	20.0	115	19.2	20.0	96	40-140	18	30
Carbon Disulfide	8260C	20.0	20.0	100	18.1	20.0	90	40-140	11	30
Carbon Tetrachloride	8260C	15.8	20.0	79	16.3	20.0	82	40-140	4	30
Chlorobenzene	8260C	19.6	20.0	98	19.0	20.0	95	40-140	3	30
Chloroethane	8260C	21.2	20.0	106	19.3	20.0	97	40-140	9	30
Chloroform	8260C	21.3	20.0	106	20.7	20.0	104	40-140	2	30
Chloromethane	8260C	21.1	20.0	105	21.3	20.0	107	40-140	2	30
Cyclohexane	8260C	20.5	20.0	103	17.0	20.0	85	40-140	19	30
Dibromochloromethane	8260C	18.7	20.0	93	17.4	20.0	87	40-140	7	30

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 05/30/17

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

	Lab Control Sample			Duplicate Lab Control Sample					
	RQ1705001-03			RQ1705001-04					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dichlorodifluoromethane (CFC 12)	8260C	20.3	20.0	102	21.4	20.0	107	40-140	5	30
Dichloromethane	8260C	21.9	20.0	110	19.3	20.0	96	40-140	14	30
Ethylbenzene	8260C	19.0	20.0	95	19.2	20.0	96	40-140	1	30
Isopropylbenzene (Cumene)	8260C	19.3	20.0	96	19.1	20.0	96	40-140	<1	30
Methyl Acetate	8260C	18.2	20.0	91	17.7	20.0	88	40-140	3	30
Methyl tert-Butyl Ether	8260C	19.8	20.0	99	19.4	20.0	97	40-140	2	30
Methylcyclohexane	8260C	19.7	20.0	98	17.2	20.0	86	40-140	13	30
Styrene	8260C	20.1	20.0	100	19.4	20.0	97	40-140	3	30
Tetrachloroethene (PCE)	8260C	17.7	20.0	89	17.3	20.0	87	40-140	2	30
Toluene	8260C	19.2	20.0	96	18.8	20.0	94	40-140	2	30
Trichloroethene (TCE)	8260C	18.3	20.0	91	18.2	20.0	91	40-140	<1	30
Trichlorofluoromethane (CFC 11)	8260C	19.6	20.0	98	19.2	20.0	96	40-140	2	30
Vinyl Chloride	8260C	22.8	20.0	114	21.1	20.0	106	40-140	7	30
cis-1,2-Dichloroethene	8260C	19.7	20.0	99	19.1	20.0	95	40-140	4	30
cis-1,3-Dichloropropene	8260C	17.4	20.0	87	16.7	20.0	84	40-140	4	30
m,p-Xylenes	8260C	38.9	40.0	97	38.7	40.0	97	40-140	<1	30
o-Xylene	8260C	19.7	20.0	99	19.5	20.0	98	40-140	1	30
trans-1,2-Dichloroethene	8260C	18.8	20.0	94	19.0	20.0	95	40-140	1	30
trans-1,3-Dichloropropene	8260C	17.1	20.0	86	15.9	20.0	80	40-140	7	30

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 05/31/17

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1705003-03			RQ1705003-04					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	8260C	19.7	20.0	99	19.9	20.0	100	40-140	1	30
1,1,2,2-Tetrachloroethane	8260C	20.8	20.0	104	21.9	20.0	109	40-140	5	30
1,1,2-Trichloroethane	8260C	19.7	20.0	98	20.5	20.0	103	40-140	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	19.5	20.0	98	19.4	20.0	97	40-140	1	30
1,1-Dichloroethane (1,1-DCA)	8260C	22.0	20.0	110	22.0	20.0	110	40-140	<1	30
1,1-Dichloroethene (1,1-DCE)	8260C	20.0	20.0	100	20.0	20.0	100	40-140	<1	30
1,2,3-Trichlorobenzene	8260C	19.1	20.0	95	19.0	20.0	95	40-140	<1	30
1,2,4-Trichlorobenzene	8260C	19.1	20.0	95	19.5	20.0	98	40-140	3	30
1,2-Dibromo-3-chloropropane (DBCP)	8260C	15.3	20.0	76	15.9	20.0	80	40-140	5	30
1,2-Dibromoethane	8260C	19.8	20.0	99	19.5	20.0	98	40-140	1	30
1,2-Dichlorobenzene	8260C	19.0	20.0	95	19.8	20.0	99	40-140	4	30
1,2-Dichloroethane	8260C	22.5	20.0	113	22.5	20.0	113	40-140	<1	30
1,2-Dichloropropane	8260C	20.0	20.0	100	19.6	20.0	98	40-140	2	30
1,3-Dichlorobenzene	8260C	19.2	20.0	96	20.2	20.0	101	40-140	5	30
1,4-Dichlorobenzene	8260C	19.0	20.0	95	19.8	20.0	99	40-140	4	30
1,4-Dioxane	8260C	430	400	108	431	400	108	40-140	<1	30
2-Butanone (MEK)	8260C	21.1	20.0	105	22.5	20.0	113	40-140	7	30
2-Hexanone	8260C	20.3	20.0	102	19.7	20.0	99	40-140	3	30
4-Methyl-2-pentanone	8260C	20.1	20.0	100	20.9	20.0	104	40-140	4	30
Acetone	8260C	20.9	20.0	105	23.6	20.0	118	40-140	12	30
Benzene	8260C	19.4	20.0	97	19.2	20.0	96	40-140	1	30
Bromochloromethane	8260C	20.3	20.0	102	20.3	20.0	102	40-140	<1	30
Bromodichloromethane	8260C	19.2	20.0	96	19.7	20.0	98	40-140	2	30
Bromoform	8260C	17.4	20.0	87	17.8	20.0	89	40-140	2	30
Bromomethane	8260C	20.4	20.0	102	23.8	20.0	119	40-140	15	30
Carbon Disulfide	8260C	20.4	20.0	102	20.8	20.0	104	40-140	2	30
Carbon Tetrachloride	8260C	17.8	20.0	89	16.7	20.0	84	40-140	6	30
Chlorobenzene	8260C	18.8	20.0	94	19.0	20.0	95	40-140	1	30
Chloroethane	8260C	21.3	20.0	106	22.2	20.0	111	40-140	5	30
Chloroform	8260C	22.0	20.0	110	22.7	20.0	113	40-140	3	30
Chloromethane	8260C	21.8	20.0	109	22.5	20.0	113	40-140	4	30
Cyclohexane	8260C	20.4	20.0	102	20.7	20.0	104	40-140	2	30
Dibromochloromethane	8260C	17.4	20.0	87	17.4	20.0	87	40-140	<1	30

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 05/31/17

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

	Lab Control Sample				Duplicate Lab Control Sample					
	RQ1705003-03				RQ1705003-04					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Dichlorodifluoromethane (CFC 12)	8260C	24.1	20.0	120	24.7	20.0	124	40-140	3	30
Dichloromethane	8260C	20.6	20.0	103	20.3	20.0	102	40-140	<1	30
Ethylbenzene	8260C	19.4	20.0	97	20.0	20.0	100	40-140	3	30
Isopropylbenzene (Cumene)	8260C	19.0	20.0	95	19.9	20.0	99	40-140	4	30
Methyl Acetate	8260C	18.6	20.0	93	19.2	20.0	96	40-140	3	30
Methyl tert-Butyl Ether	8260C	19.8	20.0	99	20.0	20.0	100	40-140	1	30
Methylcyclohexane	8260C	19.4	20.0	97	19.2	20.0	96	40-140	1	30
Styrene	8260C	19.3	20.0	97	19.7	20.0	99	40-140	2	30
Tetrachloroethene (PCE)	8260C	18.4	20.0	92	18.2	20.0	91	40-140	1	30
Toluene	8260C	19.3	20.0	97	19.5	20.0	97	40-140	<1	30
Trichloroethene (TCE)	8260C	18.5	20.0	92	18.4	20.0	92	40-140	<1	30
Trichlorofluoromethane (CFC 11)	8260C	22.1	20.0	110	22.0	20.0	110	40-140	<1	30
Vinyl Chloride	8260C	25.4	20.0	127	23.4	20.0	117	40-140	8	30
cis-1,2-Dichloroethene	8260C	20.0	20.0	100	20.1	20.0	101	40-140	<1	30
cis-1,3-Dichloropropene	8260C	16.9	20.0	84	17.1	20.0	85	40-140	1	30
m,p-Xylenes	8260C	38.5	40.0	96	39.5	40.0	99	40-140	3	30
o-Xylene	8260C	19.6	20.0	98	20.1	20.0	100	40-140	2	30
trans-1,2-Dichloroethene	8260C	19.6	20.0	98	20.2	20.0	101	40-140	3	30
trans-1,3-Dichloropropene	8260C	15.9	20.0	80	16.2	20.0	81	40-140	1	30

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3541

Sample Name	Lab Code	2,4,6-Tribromophenol 13 - 128	2-Fluorobiphenyl 10 - 102	2-Fluorophenol 16 - 129
FT-SD-01	R1704685-001	73	54	55
FT-SD-02	R1704685-002	55	25	33
FT-SD-03	R1704685-003	47	27	32
FT-SD-04	R1704685-004	44	42	43
FT-SD-05	R1704685-005	56	40	40
FT-SD-06	R1704685-006	63	33	42
FT-SD-07	R1704685-007	17	14	17
FT-SD-08	R1704685-008	43	34	34
FT-SD-09	R1704685-009	65	44	46
FT-SD-10	R1704685-010	67	45	48
FT-SD-11	R1704685-011	54	40	41
FT-SD-12	R1704685-012	62	43	45
Method Blank	RQ1704916-01	71	61	55
Lab Control Sample	RQ1704916-02	66	54	45
Duplicate Lab Control Sample	RQ1704916-03	70	58	45
FT-SD-12 MS	RQ1704916-04	58	35	36
FT-SD-12 DMS	RQ1704916-05	71	49	47
Method Blank	RQ1705045-01	47	52	51
Lab Control Sample	RQ1705045-02	60	56	49
Duplicate Lab Control Sample	RQ1705045-03	58	46	40
FT-SD-04 MS	RQ1705045-04	35	32	31
FT-SD-04 DMS	RQ1705045-05	57	48	48

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3541

Sample Name	Lab Code	Nitrobenzene-d5 10 - 95	Phenol-d6 10 - 145	Terphenyl-d14 16 - 126
FT-SD-01	R1704685-001	55	59	85
FT-SD-02	R1704685-002	27	40	59
FT-SD-03	R1704685-003	29	37	50
FT-SD-04	R1704685-004	40	47	64
FT-SD-05	R1704685-005	40	44	59
FT-SD-06	R1704685-006	38	49	70
FT-SD-07	R1704685-007	15	23	17
FT-SD-08	R1704685-008	35	35	53
FT-SD-09	R1704685-009	46	49	74
FT-SD-10	R1704685-010	47	54	71
FT-SD-11	R1704685-011	42	44	59
FT-SD-12	R1704685-012	44	49	72
Method Blank	RQ1704916-01	57	61	95
Lab Control Sample	RQ1704916-02	42	51	85
Duplicate Lab Control Sample	RQ1704916-03	42	54	86
FT-SD-12 MS	RQ1704916-04	33	40	75
FT-SD-12 DMS	RQ1704916-05	43	54	88
Method Blank	RQ1705045-01	49	55	74
Lab Control Sample	RQ1705045-02	50	54	75
Duplicate Lab Control Sample	RQ1705045-03	41	45	76
FT-SD-04 MS	RQ1705045-04	28	40	41
FT-SD-04 DMS	RQ1705045-05	48	54	68

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17
Sample Matrix:	Soil	**Date Received:**	05/24/17
		Date Analyzed:	06/1/17
		Date Extracted:	05/31/17

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	FT-SD-12	**Units:**	ug/Kg
Lab Code:	R1704685-012	**Basis:**	Dry
Analysis Method:	8270D		
Prep Method:	EPA 3541		

		Matrix Spike RQ1704916-04			Duplicate Matrix Spike RQ1704916-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
2,3,4,6-Tetrachlorophenol	660 U	3800	6690	57	4940	6680	74	11-125	26	30
2,4,5-Trichlorophenol	660 U	3640	6690	54	5040	6680	75	19-103	32*	30
2,4,6-Trichlorophenol	660 U	3250	6690	49	4880	6680	73	13-149	40*	30
2,4-Dichlorophenol	660 U	2780	6690	42	3880	6680	58	16-98	33*	30
2,4-Dimethylphenol	660 U	2700	6690	40	3880	6680	58	10-98	36*	30
2,4-Dinitrophenol	3400 U	4600	6690	69	5690	6680	85	10-129	21	30
2,4-Dinitrotoluene	660 U	4450	6690	66	5620	6680	84	13-127	23	30
2,6-Dinitrotoluene	660 U	4030	6690	60	5450	6680	82	14-121	30	30
2-Chloronaphthalene	660 U	2790	6690	42	3980	6680	60	10-94	35*	30
2-Chlorophenol	660 U	2920	6690	44	3850	6680	58	14-99	28	30
2-Methylnaphthalene	660 U	2410	6690	36	3260	6680	49	10-90	30	30
2-Methylphenol	660 U	2820	6690	42	3880	6680	58	14-99	32*	30
2-Nitroaniline	3400 U	3840	6690	57	5210	6680	78	19-109	30	30
2-Nitrophenol	660 U	2860	6690	43	3720	6680	56	10-90	26	30
3,3'-Dichlorobenzidine	660 U	4700	6690	70	5760	6680	86	10-118	20	30
3- and 4-Methylphenol Coelution	660 U	2880	6690	43	3950	6680	59	11-101	31*	30
3-Nitroaniline	3400 U	3770	6690	56	4690	6680	70	16-103	22	30
4,6-Dinitro-2-methylphenol	3400 U	4810	6690	72	6090	6680	91	10-112	24	30
4-Bromophenyl Phenyl Ether	660 U	3750	6690	56	4950	6680	74	13-112	28	30
4-Chloro-3-methylphenol	660 U	3180	6690	48	4750	6680	71	18-110	39*	30
4-Chloroaniline	660 U	2610	6690	39	3730	6680	56	10-91	35*	30
4-Chlorophenyl Phenyl Ether	660 U	3330	6690	50	4630	6680	69	11-104	33*	30
4-Nitroaniline	3400 U	4290	6690	64	5020	6680	75	17-114	16	30
4-Nitrophenol	3400 U	4160	6690	62	4940	6680	74	11-131	17	30
Acenaphthene	660 U	2920	6690	44	4310	6680	65	12-99	39*	30
Acenaphthylene	660 U	3010	6690	45	4490	6680	67	10-102	39*	30
Acetophenone	660 U	4790	13400	36	6360	13400	48	12-99	28	30
Anthracene	660 U	4530	6690	68	5710	6680	86	15-116	23	30
Atrazine	660 U	6060	6690	91	7210	6680	108	18-146	17	30
Benz(a)anthracene	660 U	5250	6690	78	6010	6680	90	10-129	13	30
Benzaldehyde	3400 U	2810 J	6690	42	3790	6680	57	10-200	30	30
Benzo(a)pyrene	660 U	5340	6690	80	6130	6680	92	10-127	14	30
Benzo(b)fluoranthene	660 U	5010	6690	75	5800	6680	87	14-128	15	30
Benzo(g,h,i)perylene	660 U	5260	6690	79	6130	6680	92	10-132	15	30
Benzo(k)fluoranthene	660 U	5060	6690	76	5880	6680	88	16-118	15	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17
Sample Matrix:	Soil	**Date Received:**	05/24/17
		Date Analyzed:	06/1/17
		Date Extracted:	05/31/17

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	FT-SD-12	**Units:**	ug/Kg
Lab Code:	R1704685-012	**Basis:**	Dry
Analysis Method:	8270D		
Prep Method:	EPA 3541		

		Matrix Spike			Duplicate Matrix Spike					
		RQ1704916-04			RQ1704916-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Biphenyl	660 U	2590	6690	39	3690	6680	55	10-99	35*	30
2,2'-Oxybis(1-chloropropane)	660 U	2340	6690	35	3070	6680	46	21-142	27	30
Bis(2-chloroethoxy)methane	660 U	2650	6690	40	3610	6680	54	16-93	31*	30
Bis(2-chloroethyl) Ether	660 U	2520	6690	38	3340	6680	50	18-130	28	30
Bis(2-ethylhexyl) Phthalate	660 U	5280	6690	79	6120	6680	92	13-140	15	30
Butyl Benzyl Phthalate	660 U	5610	6690	84	6460	6680	97	19-125	14	30
Caprolactam	660 U	3530	6690	53	4230	6680	63	10-115	18	30
Carbazole	660 U	4960	6690	74	5860	6680	88	21-118	17	30
Chrysene	660 U	4940	6690	74	5650	6680	85	10-133	13	30
Di-n-butyl Phthalate	660 U	5140	6690	77	6020	6680	90	19-128	16	30
Di-n-octyl Phthalate	660 U	5510	6690	82	6400	6680	96	16-140	15	30
Dibenz(a,h)anthracene	660 U	5450	6690	81	6540	6680	98	10-128	18	30
Dibenzofuran	660 U	3160	6690	47	4600	6680	69	13-99	37*	30
Diethyl Phthalate	660 U	4000	6690	60	5190	6680	78	17-117	26	30
Dimethyl Phthalate	660 U	3640	6690	54	4920	6680	74	18-103	30	30
Fluoranthene	660 U	5240	6690	78	6230	6680	93	10-149	17	30
Fluorene	660 U	3370	6690	50	4710	6680	70	14-105	33*	30
Hexachlorobenzene	660 U	4400	6690	66	5670	6680	85	14-114	25	30
Hexachlorobutadiene	660 U	2220	6690	33	2930	6680	44	12-84	28	30
Hexachlorocyclopentadiene	660 U	639 J	6690	10	1010	6680	15	10-101	45*	30
Hexachloroethane	660 U	1660	6690	25	2230	6680	33	16-114	29	30
Indeno(1,2,3-cd)pyrene	660 U	6030	6690	90	6910	6680	103	10-129	14	30
Isophorone	660 U	2700	6690	40	3770	6680	56	15-95	33*	30
N-Nitrosodi-n-propylamine	660 U	2530	6690	38	3460	6680	52	11-98	31*	30
N-Nitrosodiphenylamine	660 U	4250	6690	64	5540	6680	83	16-121	26	30
Naphthalene	660 U	2320	6690	35	3030	6680	45	10-83	27	30
Nitrobenzene	660 U	2500	6690	37	3300	6680	49	20-84	28	30
Pentachlorophenol (PCP)	3400 U	5260	6690	79	6410	6680	96	10-127	20	30
Phenanthrene	660 U	4350	6690	65	5520	6680	83	10-137	24	30
Phenol	660 U	2890	6690	43	3910	6680	59	10-109	30	30
Pyrene	660 U	5030	6690	75	5920	6680	89	10-147	16	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17
Sample Matrix:	Soil	**Date Received:**	05/24/17
		Date Analyzed:	06/5/17
		Date Extracted:	06/5/17

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	FT-SD-04	**Units:**	ug/Kg
Lab Code:	R1704685-004	**Basis:**	Dry
Analysis Method:	8270D		
Prep Method:	EPA 3541		

		Matrix Spike RQ1705045-04			Duplicate Matrix Spike RQ1705045-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
2,3,4,6-Tetrachlorophenol	550 U	2230	5510	40	3720	5530	67	11-125	50*	30
2,4,5-Trichlorophenol	550 U	2360	5510	43	3630	5530	66	19-103	43*	30
2,4,6-Trichlorophenol	550 U	2320	5510	42	3550	5530	64	13-149	42*	30
2,4-Dichlorophenol	550 U	2210	5510	40	3430	5530	62	16-98	43*	30
2,4-Dimethylphenol	550 U	2170	5510	39	3090	5530	56	10-98	35*	30
2,4-Dinitrophenol	2800 U	3250	5510	59	4740	5530	86	10-129	37*	30
2,4-Dinitrotoluene	550 U	2860	5510	52	4270	5530	77	13-127	40*	30
2,6-Dinitrotoluene	550 U	2920	5510	53	4160	5530	75	14-121	35*	30
2-Chloronaphthalene	550 U	2120	5510	38	3220	5530	58	10-94	41*	30
2-Chlorophenol	550 U	2060	5510	37	3320	5530	60	14-99	47*	30
2-Methylnaphthalene	550 U	1820	5510	33	2920	5530	53	10-90	46*	30
2-Methylphenol	550 U	2200	5510	40	3200	5530	58	14-99	37*	30
2-Nitroaniline	2800 U	2590 J	5510	47	3510	5530	64	19-109	30	30
2-Nitrophenol	550 U	2080	5510	38	3540	5530	64	10-90	52*	30
3,3'-Dichlorobenzidine	550 U	1810	5510	33	2510	5530	45	10-118	33*	30
3- and 4-Methylphenol Coelution	550 U	2370	5510	43	3270	5530	59	11-101	32*	30
3-Nitroaniline	2800 U	2270 J	5510	41	3180	5530	58	16-103	33*	30
4,6-Dinitro-2-methylphenol	2800 U	2730 J	5510	49	4490	5530	81	10-112	49*	30
4-Bromophenyl Phenyl Ether	550 U	2260	5510	41	3620	5530	65	13-112	46*	30
4-Chloro-3-methylphenol	550 U	2260	5510	41	3390	5530	61	18-110	40*	30
4-Chloroaniline	550 U	1820	5510	33	2580	5530	47	10-91	35*	30
4-Chlorophenyl Phenyl Ether	550 U	2080	5510	38	3280	5530	59	11-104	45*	30
4-Nitroaniline	2800 U	2260 J	5510	41	3200	5530	58	17-114	35*	30
4-Nitrophenol	2800 U	2140 J	5510	39	2980	5530	54	11-131	33*	30
Acenaphthene	550 U	1970	5510	36	3120	5530	56	12-99	45*	30
Acenaphthylene	550 U	2060	5510	37	3190	5530	58	10-102	43*	30
Acetophenone	550 U	3140	11000	28	5360	11100	48	12-99	52*	30
Anthracene	550 U	2300	5510	42	3740	5530	68	15-116	48*	30
Atrazine	550 U	3090	5510	56	4950	5530	90	18-146	46*	30
Benz(a)anthracene	550 U	2320	5510	42	3890	5530	70	10-129	51*	30
Benzaldehyde	2800 U	1430 J	5510	26	2780 J	5530	50	10-200	64*	30
Benzo(a)pyrene	550 U	2290	5510	41	3920	5530	71	10-127	53*	30
Benzo(b)fluoranthene	550 U	2170	5510	39	3620	5530	66	14-128	50*	30
Benzo(g,h,i)perylene	550 U	2590	5510	47	4370	5530	79	10-132	51*	30
Benzo(k)fluoranthene	550 U	2250	5510	41	3730	5530	67	16-118	49*	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/23/17
Sample Matrix:	Soil	**Date Received:**	05/24/17
		Date Analyzed:	06/5/17
		Date Extracted:	06/5/17

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	FT-SD-04	**Units:**	ug/Kg
Lab Code:	R1704685-004	**Basis:**	Dry
Analysis Method:	8270D		
Prep Method:	EPA 3541		

		Matrix Spike RQ1705045-04			Duplicate Matrix Spike RQ1705045-05				
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Biphenyl	550 U	1890	5510	34	2830	5530	51	10-99	39*	30
2,2'-Oxybis(1-chloropropane)	550 U	1520	5510	28	2630	5530	48	21-142	53*	30
Bis(2-chloroethoxy)methane	550 U	2090	5510	38	3210	5530	58	16-93	42*	30
Bis(2-chloroethyl) Ether	550 U	1710	5510	31	2920	5530	53	18-130	52*	30
Bis(2-ethylhexyl) Phthalate	550 U	2450	5510	44	4100	5530	74	13-140	50*	30
Butyl Benzyl Phthalate	550 U	2460	5510	45	4170	5530	76	19-125	52*	30
Caprolactam	550 U	1610	5510	29	2190	5530	40	10-115	31*	30
Carbazole	550 U	2340	5510	42	3830	5530	69	21-118	48*	30
Chrysene	550 U	2240	5510	41	3810	5530	69	10-133	52*	30
Di-n-butyl Phthalate	550 U	2320	5510	42	3800	5530	69	19-128	48*	30
Di-n-octyl Phthalate	550 U	2340	5510	43	3730	5530	68	16-140	46*	30
Dibenz(a,h)anthracene	550 U	2440	5510	44	4360	5530	79	10-128	56*	30
Dibenzofuran	550 U	2200	5510	40	3420	5530	62	13-99	44*	30
Diethyl Phthalate	550 U	2390	5510	43	3570	5530	65	17-117	40*	30
Dimethyl Phthalate	550 U	2660	5510	48	3540	5530	64	18-103	29	30
Fluoranthene	550 U	2380	5510	43	3870	5530	70	10-149	48*	30
Fluorene	550 U	2190	5510	40	3340	5530	61	14-105	42*	30
Hexachlorobenzene	550 U	2350	5510	43	3820	5530	69	14-114	48*	30
Hexachlorobutadiene	550 U	1710	5510	31	2500	5530	45	12-84	38*	30
Hexachlorocyclopentadiene	550 U	427 J	5510	8 *	717	5530	13	10-101	51*	30
Hexachloroethane	550 U	1310	5510	24	1840	5530	33	16-114	34*	30
Indeno(1,2,3-cd)pyrene	550 U	2710	5510	49	4760	5530	86	10-129	55*	30
Isophorone	550 U	1870	5510	34	2890	5530	52	15-95	43*	30
N-Nitrosodi-n-propylamine	550 U	1650	5510	30	2660	5530	48	11-98	47*	30
N-Nitrosodiphenylamine	550 U	2300	5510	42	3730	5530	67	16-121	47*	30
Naphthalene	550 U	1680	5510	30	2770	5530	50	10-83	49*	30
Nitrobenzene	550 U	1690	5510	31	2830	5530	51	20-84	51*	30
Pentachlorophenol (PCP)	2800 U	1910 J	5510	35	3470	5530	63	10-127	58*	30
Phenanthrene	550 U	2220	5510	40	3660	5530	66	10-137	49*	30
Phenol	550 U	2560	5510	46	3500	5530	63	10-109	31*	30
Pyrene	550 U	2360	5510	43	3940	5530	71	10-147	50*	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1704916-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	330 U	330	79	1	05/31/17 15:38	5/31/17	
2,3,4,6-Tetrachlorophenol	330 U	330	86	1	05/31/17 15:38	5/31/17	
2,4,5-Trichlorophenol	330 U	330	60	1	05/31/17 15:38	5/31/17	
2,4,6-Trichlorophenol	330 U	330	39	1	05/31/17 15:38	5/31/17	
2,4-Dichlorophenol	330 U	330	58	1	05/31/17 15:38	5/31/17	
2,4-Dimethylphenol	330 U	330	61	1	05/31/17 15:38	5/31/17	
2,4-Dinitrophenol	1700 U	1700	260	1	05/31/17 15:38	5/31/17	
2,4-Dinitrotoluene	330 U	330	63	1	05/31/17 15:38	5/31/17	
2,6-Dinitrotoluene	330 U	330	83	1	05/31/17 15:38	5/31/17	
2-Chloronaphthalene	330 U	330	52	1	05/31/17 15:38	5/31/17	
2-Chlorophenol	330 U	330	43	1	05/31/17 15:38	5/31/17	
2-Methylnaphthalene	330 U	330	54	1	05/31/17 15:38	5/31/17	
2-Methylphenol	330 U	330	69	1	05/31/17 15:38	5/31/17	
2-Nitroaniline	1700 U	1700	220	1	05/31/17 15:38	5/31/17	
2-Nitrophenol	330 U	330	46	1	05/31/17 15:38	5/31/17	
3,3'-Dichlorobenzidine	330 U	330	65	1	05/31/17 15:38	5/31/17	
3- and 4-Methylphenol Coelution	330 U	330	130	1	05/31/17 15:38	5/31/17	
3-Nitroaniline	1700 U	1700	330	1	05/31/17 15:38	5/31/17	
4,6-Dinitro-2-methylphenol	1700 U	1700	340	1	05/31/17 15:38	5/31/17	
4-Bromophenyl Phenyl Ether	330 U	330	63	1	05/31/17 15:38	5/31/17	
4-Chloro-3-methylphenol	330 U	330	52	1	05/31/17 15:38	5/31/17	
4-Chloroaniline	330 U	330	64	1	05/31/17 15:38	5/31/17	
4-Chlorophenyl Phenyl Ether	330 U	330	58	1	05/31/17 15:38	5/31/17	
4-Nitroaniline	1700 U	1700	250	1	05/31/17 15:38	5/31/17	
4-Nitrophenol	1700 U	1700	210	1	05/31/17 15:38	5/31/17	
Acenaphthene	330 U	330	56	1	05/31/17 15:38	5/31/17	
Acenaphthylene	330 U	330	55	1	05/31/17 15:38	5/31/17	
Acetophenone	330 U	330	94	1	05/31/17 15:38	5/31/17	
Anthracene	330 U	330	62	1	05/31/17 15:38	5/31/17	
Atrazine	330 U	330	190	1	05/31/17 15:38	5/31/17	
Benz(a)anthracene	330 U	330	49	1	05/31/17 15:38	5/31/17	
Benzaldehyde	1700 U	1700	130	1	05/31/17 15:38	5/31/17	
Benzo(a)pyrene	330 U	330	57	1	05/31/17 15:38	5/31/17	
Benzo(b)fluoranthene	330 U	330	50	1	05/31/17 15:38	5/31/17	
Benzo(g,h,i)perylene	330 U	330	53	1	05/31/17 15:38	5/31/17	
Benzo(k)fluoranthene	330 U	330	55	1	05/31/17 15:38	5/31/17	
Biphenyl	330 U	330	67	1	05/31/17 15:38	5/31/17	
2,2'-Oxybis(1-chloropropane)	330 U	330	59	1	05/31/17 15:38	5/31/17	
Bis(2-chloroethoxy)methane	330 U	330	39	1	05/31/17 15:38	5/31/17	
Bis(2-chloroethyl) Ether	330 U	330	61	1	05/31/17 15:38	5/31/17	
Bis(2-ethylhexyl) Phthalate	330 U	330	49	1	05/31/17 15:38	5/31/17	
Butyl Benzyl Phthalate	330 U	330	65	1	05/31/17 15:38	5/31/17	
Caprolactam	330 U	330	80	1	05/31/17 15:38	5/31/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1704916-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	330 U	330	57	1	05/31/17 15:38	5/31/17	
Chrysene	330 U	330	51	1	05/31/17 15:38	5/31/17	
Di-n-butyl Phthalate	330 U	330	80	1	05/31/17 15:38	5/31/17	
Di-n-octyl Phthalate	330 U	330	63	1	05/31/17 15:38	5/31/17	
Dibenz(a,h)anthracene	330 U	330	50	1	05/31/17 15:38	5/31/17	
Dibenzofuran	330 U	330	57	1	05/31/17 15:38	5/31/17	
Diethyl Phthalate	330 U	330	64	1	05/31/17 15:38	5/31/17	
Dimethyl Phthalate	330 U	330	60	1	05/31/17 15:38	5/31/17	
Fluoranthene	330 U	330	69	1	05/31/17 15:38	5/31/17	
Fluorene	330 U	330	53	1	05/31/17 15:38	5/31/17	
Hexachlorobenzene	330 U	330	61	1	05/31/17 15:38	5/31/17	
Hexachlorobutadiene	330 U	330	36	1	05/31/17 15:38	5/31/17	
Hexachlorocyclopentadiene	330 U	330	73	1	05/31/17 15:38	5/31/17	
Hexachloroethane	330 U	330	44	1	05/31/17 15:38	5/31/17	
Indeno(1,2,3-cd)pyrene	330 U	330	55	1	05/31/17 15:38	5/31/17	
Isophorone	330 U	330	52	1	05/31/17 15:38	5/31/17	
N-Nitrosodi-n-propylamine	330 U	330	75	1	05/31/17 15:38	5/31/17	
N-Nitrosodiphenylamine	330 U	330	57	1	05/31/17 15:38	5/31/17	
Naphthalene	330 U	330	47	1	05/31/17 15:38	5/31/17	
Nitrobenzene	330 U	330	50	1	05/31/17 15:38	5/31/17	
Pentachlorophenol (PCP)	1700 U	1700	270	1	05/31/17 15:38	5/31/17	
Phenanthrene	330 U	330	69	1	05/31/17 15:38	5/31/17	
Phenol	330 U	330	120	1	05/31/17 15:38	5/31/17	
Pyrene	330 U	330	70	1	05/31/17 15:38	5/31/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	71	13 - 128	05/31/17 15:38	
2-Fluorobiphenyl	61	10 - 102	05/31/17 15:38	
2-Fluorophenol	55	16 - 129	05/31/17 15:38	
Nitrobenzene-d5	57	10 - 95	05/31/17 15:38	
Phenol-d6	61	10 - 145	05/31/17 15:38	
Terphenyl-d14	95	16 - 126	05/31/17 15:38	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1705045-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	330 U	330	79	1	06/05/17 16:55	6/5/17	
2,3,4,6-Tetrachlorophenol	330 U	330	86	1	06/05/17 16:55	6/5/17	
2,4,5-Trichlorophenol	330 U	330	60	1	06/05/17 16:55	6/5/17	
2,4,6-Trichlorophenol	330 U	330	39	1	06/05/17 16:55	6/5/17	
2,4-Dichlorophenol	330 U	330	58	1	06/05/17 16:55	6/5/17	
2,4-Dimethylphenol	330 U	330	61	1	06/05/17 16:55	6/5/17	
2,4-Dinitrophenol	1700 U	1700	260	1	06/05/17 16:55	6/5/17	
2,4-Dinitrotoluene	330 U	330	63	1	06/05/17 16:55	6/5/17	
2,6-Dinitrotoluene	330 U	330	83	1	06/05/17 16:55	6/5/17	
2-Chloronaphthalene	330 U	330	52	1	06/05/17 16:55	6/5/17	
2-Chlorophenol	330 U	330	43	1	06/05/17 16:55	6/5/17	
2-Methylnaphthalene	330 U	330	54	1	06/05/17 16:55	6/5/17	
2-Methylphenol	330 U	330	69	1	06/05/17 16:55	6/5/17	
2-Nitroaniline	1700 U	1700	220	1	06/05/17 16:55	6/5/17	
2-Nitrophenol	330 U	330	46	1	06/05/17 16:55	6/5/17	
3,3'-Dichlorobenzidine	330 U	330	65	1	06/05/17 16:55	6/5/17	
3- and 4-Methylphenol Coelution	330 U	330	130	1	06/05/17 16:55	6/5/17	
3-Nitroaniline	1700 U	1700	330	1	06/05/17 16:55	6/5/17	
4,6-Dinitro-2-methylphenol	1700 U	1700	340	1	06/05/17 16:55	6/5/17	
4-Bromophenyl Phenyl Ether	330 U	330	63	1	06/05/17 16:55	6/5/17	
4-Chloro-3-methylphenol	330 U	330	52	1	06/05/17 16:55	6/5/17	
4-Chloroaniline	330 U	330	64	1	06/05/17 16:55	6/5/17	
4-Chlorophenyl Phenyl Ether	330 U	330	58	1	06/05/17 16:55	6/5/17	
4-Nitroaniline	1700 U	1700	250	1	06/05/17 16:55	6/5/17	
4-Nitrophenol	1700 U	1700	210	1	06/05/17 16:55	6/5/17	
Acenaphthene	330 U	330	56	1	06/05/17 16:55	6/5/17	
Acenaphthylene	330 U	330	55	1	06/05/17 16:55	6/5/17	
Acetophenone	330 U	330	94	1	06/05/17 16:55	6/5/17	
Anthracene	330 U	330	62	1	06/05/17 16:55	6/5/17	
Atrazine	330 U	330	190	1	06/05/17 16:55	6/5/17	
Benz(a)anthracene	330 U	330	49	1	06/05/17 16:55	6/5/17	
Benzaldehyde	1700 U	1700	130	1	06/05/17 16:55	6/5/17	
Benzo(a)pyrene	330 U	330	57	1	06/05/17 16:55	6/5/17	
Benzo(b)fluoranthene	330 U	330	50	1	06/05/17 16:55	6/5/17	
Benzo(g,h,i)perylene	330 U	330	53	1	06/05/17 16:55	6/5/17	
Benzo(k)fluoranthene	330 U	330	55	1	06/05/17 16:55	6/5/17	
Biphenyl	330 U	330	67	1	06/05/17 16:55	6/5/17	
2,2'-Oxybis(1-chloropropane)	330 U	330	59	1	06/05/17 16:55	6/5/17	
Bis(2-chloroethoxy)methane	330 U	330	39	1	06/05/17 16:55	6/5/17	
Bis(2-chloroethyl) Ether	330 U	330	61	1	06/05/17 16:55	6/5/17	
Bis(2-ethylhexyl) Phthalate	330 U	330	49	1	06/05/17 16:55	6/5/17	
Butyl Benzyl Phthalate	330 U	330	65	1	06/05/17 16:55	6/5/17	
Caprolactam	330 U	330	80	1	06/05/17 16:55	6/5/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1705045-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3541

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	330	U	330	57	1	06/05/17 16:55	6/5/17	
Chrysene	330	U	330	51	1	06/05/17 16:55	6/5/17	
Di-n-butyl Phthalate	330	U	330	80	1	06/05/17 16:55	6/5/17	
Di-n-octyl Phthalate	330	U	330	63	1	06/05/17 16:55	6/5/17	
Dibenz(a,h)anthracene	330	U	330	50	1	06/05/17 16:55	6/5/17	
Dibenzofuran	330	U	330	57	1	06/05/17 16:55	6/5/17	
Diethyl Phthalate	330	U	330	64	1	06/05/17 16:55	6/5/17	
Dimethyl Phthalate	330	U	330	60	1	06/05/17 16:55	6/5/17	
Fluoranthene	330	U	330	69	1	06/05/17 16:55	6/5/17	
Fluorene	330	U	330	53	1	06/05/17 16:55	6/5/17	
Hexachlorobenzene	330	U	330	61	1	06/05/17 16:55	6/5/17	
Hexachlorobutadiene	330	U	330	36	1	06/05/17 16:55	6/5/17	
Hexachlorocyclopentadiene	330	U	330	73	1	06/05/17 16:55	6/5/17	
Hexachloroethane	330	U	330	44	1	06/05/17 16:55	6/5/17	
Indeno(1,2,3-cd)pyrene	330	U	330	55	1	06/05/17 16:55	6/5/17	
Isophorone	330	U	330	52	1	06/05/17 16:55	6/5/17	
N-Nitrosodi-n-propylamine	330	U	330	75	1	06/05/17 16:55	6/5/17	
N-Nitrosodiphenylamine	330	U	330	57	1	06/05/17 16:55	6/5/17	
Naphthalene	330	U	330	47	1	06/05/17 16:55	6/5/17	
Nitrobenzene	330	U	330	50	1	06/05/17 16:55	6/5/17	
Pentachlorophenol (PCP)	1700	U	1700	270	1	06/05/17 16:55	6/5/17	
Phenanthrene	330	U	330	69	1	06/05/17 16:55	6/5/17	
Phenol	330	U	330	120	1	06/05/17 16:55	6/5/17	
Pyrene	330	U	330	70	1	06/05/17 16:55	6/5/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	47	13 - 128	06/05/17 16:55	
2-Fluorobiphenyl	52	10 - 102	06/05/17 16:55	
2-Fluorophenol	51	16 - 129	06/05/17 16:55	
Nitrobenzene-d5	49	10 - 95	06/05/17 16:55	
Phenol-d6	55	10 - 145	06/05/17 16:55	
Terphenyl-d14	74	16 - 126	06/05/17 16:55	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/Kg	Q
	No Tentatively Identified Compounds Detected			

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 05/31/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1704916-02			RQ1704916-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
2,3,4,6-Tetrachlorophenol	8270D	2100	3330	63	2290	3330	69	37-123	9	30
2,4,5-Trichlorophenol	8270D	2210	3330	66	2440	3330	73	32-104	10	30
2,4,6-Trichlorophenol	8270D	2280	3330	68	2520	3330	75	30-101	10	30
2,4-Dichlorophenol	8270D	1770	3330	53	2000	3330	60	39-135	12	30
2,4-Dimethylphenol	8270D	1750	3330	52	1920	3330	58	31-135	9	30
2,4-Dinitrophenol	8270D	1020 J	3330	31	606 J	3330	18	10-128	51*	30
2,4-Dinitrotoluene	8270D	2650	3330	79	2790	3330	84	39-122	5	30
2,6-Dinitrotoluene	8270D	2500	3330	75	2650	3330	80	34-122	6	30
2-Chloronaphthalene	8270D	2070	3330	62	2280	3330	68	41-124	10	30
2-Chlorophenol	8270D	1770	3330	53	1880	3330	56	39-123	6	30
2-Methylnaphthalene	8270D	1610	3330	48	1760	3330	53	33-125	9	30
2-Methylphenol	8270D	1770	3330	53	1950	3330	58	38-123	9	30
2-Nitroaniline	8270D	2400	3330	72	2510	3330	75	25-116	4	30
2-Nitrophenol	8270D	1610	3330	48	1750	3330	52	23-96	8	30
3,3'-Dichlorobenzidine	8270D	2470	3330	74	2840	3330	85	25-105	14	30
3- and 4-Methylphenol Coelution	8270D	1890	3330	57	2080	3330	62	42-114	9	30
3-Nitroaniline	8270D	1940	3330	58	2290	3330	69	43-106	17	30
4,6-Dinitro-2-methylphenol	8270D	1750	3330	53	1990	3330	60	10-127	13	30
4-Bromophenyl Phenyl Ether	8270D	2290	3330	69	2450	3330	74	40-102	7	30
4-Chloro-3-methylphenol	8270D	2000	3330	60	2130	3330	64	42-140	6	30
4-Chloroaniline	8270D	1280	3330	38	1820	3330	54	34-101	35*	30
4-Chlorophenyl Phenyl Ether	8270D	2180	3330	66	2330	3330	70	39-100	7	30
4-Nitroaniline	8270D	2250	3330	67	2380	3330	71	35-112	6	30
4-Nitrophenol	8270D	2090	3330	63	2140	3330	64	34-123	3	30
Acenaphthene	8270D	2150	3330	65	2360	3330	71	32-100	9	30
Acenaphthylene	8270D	2220	3330	67	2420	3330	73	33-100	9	30
Acetophenone	8270D	2930	6670	44	3010	6670	45	23-87	2	30
Anthracene	8270D	2630	3330	79	2720	3330	82	46-103	3	30
Atrazine	8270D	3230	3330	97	3370	3330	101	44-137	4	30
Benz(a)anthracene	8270D	2720	3330	82	2880	3330	86	32-105	6	30
Benzaldehyde	8270D	1700 J	3330	51	1560 J	3330	47	10-200	8	30
Benzo(a)pyrene	8270D	2800	3330	84	2900	3330	87	48-110	4	30
Benzo(b)fluoranthene	8270D	2600	3330	78	2730	3330	82	44-107	5	30

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 05/31/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1704916-02			RQ1704916-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270D	2880	3330	86	3100	3330	93	49-120	7	30
Benzo(k)fluoranthene	8270D	2740	3330	82	2850	3330	86	46-107	4	30
Biphenyl	8270D	1900	3330	57	2070	3330	62	24-104	9	30
2,2'-Oxybis(1-chloropropane)	8270D	1570	3330	47	1490	3330	45	38-138	5	30
Bis(2-chloroethoxy)methane	8270D	1630	3330	49	1740	3330	52	28-91	7	30
Bis(2-chloroethyl) Ether	8270D	1550	3330	47	1440	3330	43	37-86	8	30
Bis(2-ethylhexyl) Phthalate	8270D	2830	3330	85	2920	3330	88	35-119	3	30
Butyl Benzyl Phthalate	8270D	2880	3330	86	2990	3330	90	47-117	4	30
Caprolactam	8270D	2120	3330	64	2180	3330	65	30-111	3	30
Carbazole	8270D	2640	3330	79	2740	3330	82	41-112	4	30
Chrysene	8270D	2620	3330	79	2720	3330	82	48-111	4	30
Di-n-butyl Phthalate	8270D	2720	3330	82	2820	3330	85	51-120	4	30
Di-n-octyl Phthalate	8270D	2850	3330	86	2900	3330	87	47-127	2	30
Dibenz(a,h)anthracene	8270D	3010	3330	90	3200	3330	96	46-114	6	30
Dibenzofuran	8270D	2250	3330	67	2390	3330	72	34-97	6	30
Diethyl Phthalate	8270D	2420	3330	73	2550	3330	76	45-108	5	30
Dimethyl Phthalate	8270D	2350	3330	70	2410	3330	72	41-101	3	30
Fluoranthene	8270D	2760	3330	83	2830	3330	85	45-113	3	30
Fluorene	8270D	2250	3330	67	2370	3330	71	38-101	5	30
Hexachlorobenzene	8270D	2680	3330	80	2800	3330	84	41-106	4	30
Hexachlorobutadiene	8270D	1630	3330	49	1530	3330	46	10-142	6	30
Hexachlorocyclopentadiene	8270D	728	3330	22	739	3330	22	10-133	1	30
Hexachloroethane	8270D	1480	3330	44	1200	3330	36	10-129	21	30
Indeno(1,2,3-cd)pyrene	8270D	3070	3330	92	3330	3330	100	46-115	8	30
Isophorone	8270D	1730	3330	52	1840	3330	55	27-95	6	30
N-Nitrosodi-n-propylamine	8270D	1630	3330	49	1720	3330	52	21-89	5	30
N-Nitrosodiphenylamine	8270D	2530	3330	76	2620	3330	78	37-116	3	30
Naphthalene	8270D	1510	3330	45	1550	3330	46	31-123	3	30
Nitrobenzene	8270D	1520	3330	46	1540	3330	46	35-134	2	30
Pentachlorophenol (PCP)	8270D	2160	3330	65	2520	3330	76	10-137	15	30
Phenanthrene	8270D	2500	3330	75	2600	3330	78	45-106	4	30
Phenol	8270D	1780	3330	53	1930	3330	58	10-144	8	30
Pyrene	8270D	2770	3330	83	2820	3330	85	48-117	2	30

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 06/05/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1705045-02			RQ1705045-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
2,3,4,6-Tetrachlorophenol	8270D	2150	3330	64	2100	3330	63	37-123	2	30
2,4,5-Trichlorophenol	8270D	2290	3330	69	1980	3330	59	32-104	15	30
2,4,6-Trichlorophenol	8270D	2260	3330	68	1940	3330	58	30-101	15	30
2,4-Dichlorophenol	8270D	2100	3330	63	1850	3330	55	39-135	13	30
2,4-Dimethylphenol	8270D	1920	3330	58	1650	3330	49	31-135	15	30
2,4-Dinitrophenol	8270D	1230 J	3330	37	1190 J	3330	36	10-128	4	30
2,4-Dinitrotoluene	8270D	2740	3330	82	2790	3330	84	39-122	2	30
2,6-Dinitrotoluene	8270D	2770	3330	83	2570	3330	77	34-122	7	30
2-Chloronaphthalene	8270D	2180	3330	65	1820	3330	55	41-124	18	30
2-Chlorophenol	8270D	1930	3330	58	1610	3330	48	39-123	18	30
2-Methylnaphthalene	8270D	1890	3330	57	1650	3330	50	33-125	13	30
2-Methylphenol	8270D	1880	3330	56	1600	3330	48	38-123	16	30
2-Nitroaniline	8270D	2220	3330	67	2050	3330	62	25-116	8	30
2-Nitrophenol	8270D	2070	3330	62	1730	3330	52	23-96	18	30
3,3'-Dichlorobenzidine	8270D	2340	3330	70	2530	3330	76	25-105	8	30
3- and 4-Methylphenol Coelution	8270D	1960	3330	59	1680	3330	51	42-114	15	30
3-Nitroaniline	8270D	2180	3330	65	2150	3330	65	43-106	1	30
4,6-Dinitro-2-methylphenol	8270D	1890	3330	57	1880	3330	56	10-127	<1	30
4-Bromophenyl Phenyl Ether	8270D	2360	3330	71	2290	3330	69	40-102	3	30
4-Chloro-3-methylphenol	8270D	2060	3330	62	2000	3330	60	42-140	3	30
4-Chloroaniline	8270D	1780	3330	53	1580	3330	47	34-101	12	30
4-Chlorophenyl Phenyl Ether	8270D	2210	3330	66	2030	3330	61	39-100	8	30
4-Nitroaniline	8270D	2160	3330	65	2270	3330	68	35-112	5	30
4-Nitrophenol	8270D	1780	3330	53	1800	3330	54	34-123	1	30
Acenaphthene	8270D	2080	3330	62	1840	3330	55	32-100	12	30
Acenaphthylene	8270D	2160	3330	65	1900	3330	57	33-100	12	30
Acetophenone	8270D	2980	6670	45	2550	6670	38	23-87	16	30
Anthracene	8270D	2410	3330	72	2500	3330	75	46-103	3	30
Atrazine	8270D	2870	3330	86	3150	3330	95	44-137	9	30
Benz(a)anthracene	8270D	2460	3330	74	2610	3330	78	32-105	6	30
Benzaldehyde	8270D	1930	3330	58	1700 J	3330	51	10-200	13	30
Benzo(a)pyrene	8270D	2500	3330	75	2690	3330	81	48-110	7	30
Benzo(b)fluoranthene	8270D	2380	3330	71	2500	3330	75	44-107	5	30

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 06/05/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1705045-02			RQ1705045-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270D	2650	3330	79	2970	3330	89	49-120	11	30
Benzo(k)fluoranthene	8270D	2500	3330	75	2630	3330	79	46-107	5	30
Biphenyl	8270D	1880	3330	56	1640	3330	49	24-104	13	30
2,2'-Oxybis(1-chloropropane)	8270D	1660	3330	50	1380	3330	41	38-138	18	30
Bis(2-chloroethoxy)methane	8270D	1940	3330	58	1650	3330	50	28-91	16	30
Bis(2-chloroethyl) Ether	8270D	1740	3330	52	1450	3330	43	37-86	18	30
Bis(2-ethylhexyl) Phthalate	8270D	2610	3330	78	2650	3330	79	35-119	2	30
Butyl Benzyl Phthalate	8270D	2590	3330	78	2680	3330	80	47-117	3	30
Caprolactam	8270D	2220	3330	67	2470	3330	74	30-111	11	30
Carbazole	8270D	2360	3330	71	2520	3330	76	41-112	7	30
Chrysene	8270D	2450	3330	73	2580	3330	77	48-111	5	30
Di-n-butyl Phthalate	8270D	2410	3330	72	2540	3330	76	51-120	5	30
Di-n-octyl Phthalate	8270D	2520	3330	76	2500	3330	75	47-127	<1	30
Dibenz(a,h)anthracene	8270D	2700	3330	81	2960	3330	89	46-114	9	30
Dibenzofuran	8270D	2280	3330	68	2070	3330	62	34-97	10	30
Diethyl Phthalate	8270D	2330	3330	70	2290	3330	69	45-108	1	30
Dimethyl Phthalate	8270D	2360	3330	71	2190	3330	66	41-101	8	30
Fluoranthene	8270D	2550	3330	77	2700	3330	81	45-113	6	30
Fluorene	8270D	2250	3330	68	2090	3330	63	38-101	8	30
Hexachlorobenzene	8270D	2550	3330	77	2540	3330	76	41-106	<1	30
Hexachlorobutadiene	8270D	1970	3330	59	1610	3330	48	10-142	20	30
Hexachlorocyclopentadiene	8270D	588	3330	18	483	3330	15	10-133	19	30
Hexachloroethane	8270D	1560	3330	47	1310	3330	39	10-129	17	30
Indeno(1,2,3-cd)pyrene	8270D	2870	3330	86	3200	3330	96	46-115	11	30
Isophorone	8270D	1780	3330	53	1560	3330	47	27-95	13	30
N-Nitrosodi-n-propylamine	8270D	1590	3330	48	1350	3330	41	21-89	16	30
N-Nitrosodiphenylamine	8270D	2360	3330	71	2330	3330	70	37-116	1	30
Naphthalene	8270D	1820	3330	54	1520	3330	46	31-123	18	30
Nitrobenzene	8270D	1790	3330	54	1480	3330	44	35-134	19	30
Pentachlorophenol (PCP)	8270D	1780	3330	53	1740	3330	52	10-137	2	30
Phenanthrene	8270D	2380	3330	71	2440	3330	73	45-106	3	30
Phenol	8270D	2060	3330	62	1700	3330	51	10-144	19	30
Pyrene	8270D	2520	3330	76	2560	3330	77	48-117	2	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Extraction Method: EPA 3541

Sample Name	Lab Code	Decachlorobiphenyl 10 - 122	Tetrachloro-m-xylene 10 - 123
FT-SD-01	R1704685-001	72	76
FT-SD-02	R1704685-002	48	53
FT-SD-03	R1704685-003	58	66
FT-SD-04	R1704685-004	59	50
FT-SD-05	R1704685-005	70	68
FT-SD-06	R1704685-006	57	63
FT-SD-07	R1704685-007	69	65
FT-SD-08	R1704685-008	71	61
FT-SD-09	R1704685-009	68	61
FT-SD-10	R1704685-010	64	56
FT-SD-11	R1704685-011	72	38
FT-SD-12	R1704685-012	62	61
Method Blank	RQ1704993-01	70	66
Lab Control Sample	RQ1704993-02	69	67
Duplicate Lab Control Sample	RQ1704993-03	71	71
FT-SD-10 MS	RQ1704993-04	74	79
FT-SD-10 DMS	RQ1704993-05	82	81

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17
Sample Matrix:	Soil	**Date Received:**	05/24/17
		Date Analyzed:	06/7/17
		Date Extracted:	06/1/17

Duplicate Matrix Spike Summary
Organochlorine Pesticides by Gas Chromatography

Sample Name:	FT-SD-10	**Units:**	ug/Kg
Lab Code:	R1704685-010	**Basis:**	Dry
Analysis Method:	8081B		
Prep Method:	EPA 3541		

		Matrix Spike RQ1704993-04			Duplicate Matrix Spike RQ1704993-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	2.2 U	7.19	8.64	83	8.89	8.65	103	10-165	21	30
4,4'-DDE	2.2 U	9.09	8.64	105	9.57	8.65	111	10-165	5	30
4,4'-DDT	2.2 U	9.20	8.64	106	9.53	8.65	110	10-163	4	30
Aldrin	2.2 U	8.21	8.64	95	8.47	8.65	98	10-167	3	30
Dieldrin	2.2 U	9.41	8.64	109	8.96	8.65	104	24-140	5	30
Endosulfan I	2.2 U	8.49	8.64	98	8.54	8.65	99	13-145	<1	30
Endosulfan II	2.2 U	8.57	8.64	99	9.22	8.65	107	12-178	7	30
Endosulfan Sulfate	2.2 U	7.74	8.64	90	8.58	8.65	99	15-157	10	30
Endrin	2.2 U	9.06	8.64	105	9.28	8.65	107	16-153	2	30
Endrin Aldehyde	2.2 U	7.05	8.64	82	8.19	8.65	95	10-161	15	30
Endrin Ketone	2.2 U	8.09	8.64	94	9.44	8.65	109	17-161	15	30
Heptachlor	2.2 U	8.23	8.64	95	8.45	8.65	98	10-160	3	30
Heptachlor Epoxide	2.2 U	8.73	8.64	101	9.17	8.65	106	10-166	5	30
Methoxychlor	2.2 U	8.34	8.64	97	9.00	8.65	104	10-192	8	30
alpha-BHC	2.2 U	7.80	8.64	90	8.91	8.65	103	10-149	13	30
alpha-Chlordane	2.2 U	8.80	8.64	102	8.80	8.65	102	10-180	<1	30
beta-BHC	2.2 U	8.70	8.64	101	8.31	8.65	96	10-176	5	30
delta-BHC	2.2 U	9.23	8.64	107	9.27	8.65	107	17-138	<1	30
gamma-BHC (Lindane)	2.2 U	8.33	8.64	96	8.82	8.65	102	10-141	6	30
gamma-Chlordane	2.2 U	8.75	8.64	101	8.70	8.65	100	14-139	<1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1704993-01	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
4,4'-DDE	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
4,4'-DDT	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
Aldrin	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
Dieldrin	1.7 U	1.7	1.1	1	06/07/17 11:00	6/1/17	
Endosulfan I	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
Endosulfan II	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
Endosulfan Sulfate	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
Endrin	1.7 U	1.7	1.5	1	06/07/17 11:00	6/1/17	
Endrin Aldehyde	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
Endrin Ketone	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
Heptachlor	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
Heptachlor Epoxide	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
Methoxychlor	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
Toxaphene	17 U	17	8.4	1	06/07/17 11:00	6/1/17	
alpha-BHC	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
alpha-Chlordane	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
beta-BHC	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
delta-BHC	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
gamma-BHC (Lindane)	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	
gamma-Chlordane	1.7 U	1.7	0.84	1	06/07/17 11:00	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	10 - 122	06/07/17 11:00	
Tetrachloro-m-xylene	66	10 - 123	06/07/17 11:00	

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 06/07/17

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1704993-02			RQ1704993-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	5.40	6.67	81	5.43	6.67	81	17-138	<1	30
4,4'-DDE	8081B	5.45	6.67	82	5.72	6.67	86	35-125	5	30
4,4'-DDT	8081B	5.68	6.67	85	6.04	6.67	91	34-123	6	30
Aldrin	8081B	5.55	6.67	83	5.92	6.67	89	10-103	7	30
Dieldrin	8081B	5.45	6.67	82	5.75	6.67	86	22-120	5	30
Endosulfan I	8081B	5.19	6.67	78	5.36	6.67	80	30-108	3	30
Endosulfan II	8081B	5.46	6.67	82	5.65	6.67	85	26-122	4	30
Endosulfan Sulfate	8081B	5.53	6.67	83	5.60	6.67	84	22-121	1	30
Endrin	8081B	5.66	6.67	85	6.13	6.67	92	42-133	8	30
Endrin Aldehyde	8081B	0.908 J	6.67	14	1.17 J	6.67	18	10-73	25	30
Endrin Ketone	8081B	6.04	6.67	91	5.58	6.67	84	36-116	8	30
Heptachlor	8081B	5.24	6.67	79	5.67	6.67	85	31-115	8	30
Heptachlor Epoxide	8081B	5.44	6.67	82	5.76	6.67	86	27-131	6	30
Methoxychlor	8081B	6.33	6.67	95	6.32	6.67	95	32-148	<1	30
alpha-BHC	8081B	5.34	6.67	80	5.68	6.67	85	19-126	6	30
alpha-Chlordane	8081B	5.49	6.67	82	5.77	6.67	86	31-104	5	30
beta-BHC	8081B	6.03	6.67	90	6.18	6.67	93	28-123	2	30
delta-BHC	8081B	5.23	6.67	78	5.54	6.67	83	17-126	6	30
gamma-BHC (Lindane)	8081B	5.77	6.67	87	6.02	6.67	90	23-125	4	30
gamma-Chlordane	8081B	5.36	6.67	80	5.63	6.67	84	28-107	5	30

Client: TRC Environmental Corporation **Service Request:** R1704685
Project: Fortino Tire
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Extraction Method: EPA 3541

Sample Name	Lab Code	Decachlorobiphenyl 22 - 128	Tetrachloro-m-xylene 14 - 119
FT-SD-01	R1704685-001	92	96
FT-SD-02	R1704685-002	66	69
FT-SD-03	R1704685-003	90	87
FT-SD-04	R1704685-004	79	70
FT-SD-05	R1704685-005	82	86
FT-SD-06	R1704685-006	82	83
FT-SD-07	R1704685-007	99	90
FT-SD-08	R1704685-008	89	75
FT-SD-09	R1704685-009	86	76
FT-SD-10	R1704685-010	83	70
FT-SD-11	R1704685-011	84	49
FT-SD-12	R1704685-012	93	85
Method Blank	RQ1704993-01	76	80
Lab Control Sample	RQ1704993-02	76	84
Duplicate Lab Control Sample	RQ1704993-03	81	85
FT-SD-11 MS	RQ1704993-06	85	54
FT-SD-11 DMS	RQ1704993-07	86	67

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17
Sample Matrix:	Soil	**Date Received:**	05/24/17
		Date Analyzed:	06/2/17
		Date Extracted:	06/1/17

Duplicate Matrix Spike Summary
Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	FT-SD-11	**Units:**	ug/Kg
Lab Code:	R1704685-011	**Basis:**	Dry
Analysis Method:	8082A		
Prep Method:	EPA 3541		

		Matrix Spike RQ1704993-06			Duplicate Matrix Spike RQ1704993-07					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	46 U	155	230	68	136	230	59	18-144	13	30
Aroclor 1260	46 U	217	230	94	150	230	65	19-162	36*	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ1704993-01	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3541

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	33 U	33	17	1	06/02/17 17:57	6/1/17	
Aroclor 1221	67 U	67	34	1	06/02/17 17:57	6/1/17	
Aroclor 1232	33 U	33	17	1	06/02/17 17:57	6/1/17	
Aroclor 1242	33 U	33	17	1	06/02/17 17:57	6/1/17	
Aroclor 1248	33 U	33	17	1	06/02/17 17:57	6/1/17	
Aroclor 1254	33 U	33	19	1	06/02/17 17:57	6/1/17	
Aroclor 1260	33 U	33	17	1	06/02/17 17:57	6/1/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	76	22 - 128	06/02/17 17:57	
Tetrachloro-m-xylene	80	14 - 119	06/02/17 17:57	

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 06/02/17

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC

Units:ug/Kg
Basis: Dry

			Lab Control Sample RQ1704993-02			Duplicate Lab Control Sample RQ1704993-03				
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	145	167	87	155	167	93	43-129	7	30
Aroclor 1260	8082A	145	167	87	157	167	94	49-135	8	30

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BLANKS

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): MG/KG

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	36.33	U	36.33	U	36.33	U	36.33	U	3.633	U	P
Antimony	4.80	J	3.20	J	3.20	J	2.20	J	0.250	J	P
Arsenic	1.65	U	1.65	U	1.65	U	1.65	U	0.165	U	P
Barium	1.04	U	1.04	U	1.90	J	2.70	J	0.104	U	P
Beryllium	0.12	U	0.12	U	0.12	U	0.12	U	0.012	U	P
Cadmium	0.27	U	0.27	U	0.27	U	0.27	U	0.027	U	P
Mercury	0.018	U	0.018	U	0.018	U	0.018	U	0.003	U	CV
Calcium	133.23	U	133.23	U	133.23	U	133.23	U	13.323	U	P
Chromium	0.41	U	0.41	U	0.41	U	0.41	U	0.041	U	P
Cobalt	0.40	U	0.40	U	0.40	U	0.50	J	0.040	U	P
Copper	1.10	U	1.10	U	1.10	U	1.10	U	0.110	U	P
Iron	8.52	U	8.52	U	16.50	J	8.52	U	0.852	U	P
Lead	1.43	U	1.43	U	1.43	U	1.43	U	0.143	U	P
Magnesium	14.80	U	14.80	U	14.80	U	14.80	U	1.480	U	P
Manganese	0.46	U	0.46	U	0.80	J	0.46	U	0.046	U	P
Nickel	1.26	U	1.26	U	1.40	J	1.26	U	0.126	U	P
Potassium	40.64	U	40.64	U	40.64	U	40.64	U	4.064	U	P
Selenium	5.91	U	5.91	U	5.91	U	5.91	U	0.591	U	P
Silver	0.44	U	0.44	U	0.44	U	0.44	U	0.044	U	P
Sodium	78.19	U	78.19	U	78.19	U	78.19	U	7.819	U	P
Thallium	5.01	U	5.01	U	5.01	U	5.01	U	0.501	U	P
Vanadium	0.67	U	0.67	U	1.20	J	0.90	J	0.067	U	P
Zinc	1.23	U	1.23	U	1.23	U	1.23	U	0.123	U	P

Comments:

METALS

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BLANKS

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			36.33	U	36.33	U	36.33	U			P
Antimony			7.30	J	2.30	J	6.80	J			P
Arsenic			-2.30	J	1.65	U	1.65	U			P
Barium			5.50	J	4.40	J	7.10	J			P
Beryllium			0.12	U	0.12	U	0.12	U			P
Cadmium			0.27	U	0.27	U	0.30	J			P
Mercury			0.018	U							CV
Calcium			133.23	U	133.23	U	133.23	U			P
Chromium			0.41	U	0.41	U	0.90	J			P
Cobalt			1.10	J	0.70	J	1.30	J			P
Copper			1.10	U	1.10	U	1.10	U			P
Iron			8.52	U	8.52	U	8.52	U			P
Lead			1.43	U	1.43	U	1.43	U			P
Magnesium			14.80	U	14.80	U	37.80	J			P
Manganese			0.46	U	0.46	U	0.90	J			P
Nickel			1.40	J	1.26	U	1.90	J			P
Potassium			40.64	U	40.64	U	54.90	J			P
Selenium			5.91	U	5.91	U	5.91	U			P
Silver			0.44	U	0.44	U	0.44	U			P
Sodium			78.19	U	78.19	U	78.19	U			P
Thallium			5.01	U	5.01	U	5.01	U			P
Vanadium			1.40	J	1.20	J	1.80	J			P
Zinc			1.23	U	1.23	U	1.23	U			P

Comments:

METALS

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BLANKS

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Selenium	5.91	U	5.91	U	5.91	U	5.91	U			P

Comments:

METALS

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BLANKS

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Selenium			5.91	U							P

Comments:

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.: FT-SD-01S

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 70.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	75 - 125	0.279		0.047		0.23	101		CV

Comments:

ALS Environmental

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-SD-01SD

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 70.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	75 - 125	0.276		0.047		0.22	104		CV

Comments:

ALS Environmental

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-SD-10S

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 76.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		9100.00		6860.00		256.0	875		P
Antimony	75 - 125	48.40		0.22	U	64.1	76		P
Arsenic	75 - 125	6.79		1.36		5.1	106		P
Barium	75 - 125	287.00		27.10		256.0	102		P
Beryllium	75 - 125	6.25		0.14	J	6.4	95		P
Cadmium	75 - 125	5.84		0.03	U	6.4	91		P
Calcium	75 - 125	944.00		747.00		256.0	77		P
Chromium	75 - 125	33.10		7.29		25.6	101		P
Cobalt	75 - 125	63.70		3.13	J	64.1	94		P
Copper	75 - 125	37.20		7.25		32.0	94		P
Iron		11400.00		9080.00		128.0	1812		P
Lead	75 - 125	64.00		3.09	J	64.1	95		P
Magnesium		2420.00		1950.00		256.0	184		P
Manganese	75 - 125	141.00		74.60		64.1	104		P
Nickel	75 - 125	66.60		5.82		64.1	95		P
Potassium	75 - 125	2870.00		609.00		2560.0	88		P
Selenium	75 - 125	116.00		0.76	U	129.0	90		P
Silver	75 - 125	5.86		0.06	U	6.4	92		P
Sodium	75 - 125	2520.00		42.30	J	2560.0	97		P
Thallium	75 - 125	227.00		0.64	U	256.0	89		P
Vanadium	75 - 125	78.20		11.70		64.1	104		P
Zinc	75 - 125	79.50		19.50		64.1	94		P

Comments: _____

ALS Environmental

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-SD-10SD

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 76.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum		6950.00		6860.00		249.0	36		P
Antimony	75 - 125	47.20		0.22	U	62.2	76		P
Arsenic	75 - 125	5.59		1.36		5.0	85		P
Barium	75 - 125	272.00		27.10		249.0	98		P
Beryllium	75 - 125	6.01		0.14	J	6.2	95		P
Cadmium	75 - 125	5.68		0.03	U	6.2	92		P
Calcium	75 - 125	978.00		747.00		249.0	93		P
Chromium	75 - 125	30.30		7.29		24.9	92		P
Cobalt	75 - 125	62.00		3.13	J	62.2	95		P
Copper	75 - 125	36.00		7.25		31.1	92		P
Iron		8850.00		9080.00		124.0	-185		P
Lead	75 - 125	61.40		3.09	J	62.2	94		P
Magnesium		2090.00		1950.00		249.0	56		P
Manganese	75 - 125	130.00		74.60		62.2	89		P
Nickel	75 - 125	63.90		5.82		62.2	93		P
Potassium	75 - 125	2720.00		609.00		2490.0	85		P
Selenium	75 - 125	114.00		0.76	U	126.0	90		P
Silver	75 - 125	5.68		0.06	U	6.2	92		P
Sodium	75 - 125	2420.00		42.30	J	2490.0	95		P
Thallium	75 - 125	219.00		0.64	U	249.0	88		P
Vanadium	75 - 125	70.70		11.70		62.2	95		P
Zinc	75 - 125	75.20		19.50		62.2	90		P

Comments: _____

METALS
-6-
DUPLICATES

SAMPLE NO.: FT-SD-01SD

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 70.0 % Solids for Duplicate: 70.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		0.279		0.276		1		CV

Comments:

METALS
-6-
DUPLICATES

SAMPLE NO.: FT-SD-10SD

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 76.5 % Solids for Duplicate: 76.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		9100.00		6950.00		27	*	P
Antimony		48.40		47.20		3		P
Arsenic		6.79		5.59		19		P
Barium		287.00		272.00		5		P
Beryllium		6.25		6.01		4		P
Cadmium		5.84		5.68		3		P
Calcium		944.00		978.00		4		P
Chromium		33.10		30.30		9		P
Cobalt		63.70		62.00		3		P
Copper		37.20		36.00		3		P
Iron		11400.00		8850.00		25	*	P
Lead		64.00		61.40		4		P
Magnesium		2420.00		2090.00		15		P
Manganese		141.00		130.00		8		P
Nickel		66.60		63.90		4		P
Potassium		2870.00		2720.00		5		P
Selenium		116.00		114.00		2		P
Silver		5.86		5.68		3		P
Sodium		2520.00		2420.00		4		P
Thallium		227.00		219.00		4		P
Vanadium		78.20		70.70		10		P
Zinc		79.50		75.20		6		P

Comments: _____

METALS

-7-

LABORATORY CONTROL SAMPLE

Contract: R1704685

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-SD-01

Solid LCS Source: CPI

Aqueous LCS Source:

Analyte	Aqueous (ug/L			Solid (mg/K				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum				200	178.65		160 240	89
Antimony				50	46.81		40 60	94
Arsenic				4	3.61		3.2 4.8	90
Barium				200	203.40		160 240	102
Beryllium				5	4.79		4 6	96
Cadmium				5	4.95		4 6	99
Mercury				0.166	0.17		.133 .199	102
Calcium				200	177.24		160 240	89
Chromium				20	19.82		16 24	99
Cobalt				50	50.08		40 60	100
Copper				25	24.25		20 30	97
Iron				100	95.20		80 120	95
Lead				50	49.65		40 60	99
Magnesium				200	191.08		160 240	96
Manganese				50	48.94		40 60	98
Nickel				50	49.49		40 60	99
Potassium				2000	1855.44		1600 2400	93
Selenium				101	80.96		80.8 121	80
Silver				5	4.68		4 6	94
Sodium				2000	1915.46		1600 2400	96
Thallium				200	178.42		160 240	89
Vanadium				50	49.19		40 60	98
Zinc				50	46.83		40 60	94

Comments: _____

General Chemistry

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	Dry
Lab Code:	R1704685-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.10 U	mg/Kg	0.10	0.02	1	06/02/17 10:22	05/31/17	

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17
Sample Matrix:	Soil	**Date Received:**	05/24/17
		Date Analyzed:	06/2/17
		Date Extracted:	05/31/17

Duplicate Matrix Spike Summary
Cyanide, Total

Sample Name:	FT-SD-10	**Units:**	mg/Kg
Lab Code:	R1704685-010	**Basis:**	Dry
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike R1704685-010MS			Duplicate Matrix Spike R1704685-010DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Total	0.12 U	0.99	1.16	86	1.05	1.23	85	10-159	6	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project:	Fortino Tire	**Date Collected:**	05/24/17
Sample Matrix:	Soil	**Date Received:**	05/24/17
		Date Analyzed:	06/2/17
		Date Extracted:	05/31/17

Duplicate Matrix Spike Summary
Cyanide, Total

Sample Name:	FT-SD-12	**Units:**	mg/Kg
Lab Code:	R1704685-012	**Basis:**	Dry
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike			Duplicate Matrix Spike					
		R1704685-012MS			R1704685-012DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Total	0.03 J	1.67	1.90	86	1.75	1.98	87	10-159	5	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704685
Project	Fortino Tire	**Date Collected:**	05/23/17
Sample Matrix:	Soil	**Date Received:**	05/24/17
		Date Analyzed:	06/01/17

Replicate Sample Summary

General Chemistry Parameters

Sample Name:	FT-SD-01	**Units:**	Percent
Lab Code:	R1704685-001	**Basis:**	As Received

Analyte Name	Analysis Method	MRL	Sample Result	Duplicate Sample R1704685-001DUP Result	Average	RPD	RPD Limit
Total Solids	ALS SOP	-	70.0	70.6	70.3	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 06/02/17

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R1704685-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Total	9012B	0.897	1.00	90	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Soil

Service Request: R1704685
Date Analyzed: 06/02/17

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/Kg
Basis: Dry

Lab Control Sample
R1704685-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Total	9012B	5.29	6.00	88	85-115

June 15, 2017 Service Request No:R1704686

Mr. Marc Flanagan
TRC Environmental Corporation
10 Maxwell Drive
Suite 200
Clifton Park, NY 12065

Laboratory Results for: Fortino Tire

Dear Mr.Flanagan,

Enclosed are the results of the sample(s) submitted to our laboratory May 24, 2017
For your reference, these analyses have been assigned our service request number **R1704686.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental



Janice Jaeger
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
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Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Water

Service Request:R1704686
Date Received:5/24/17

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier IV, validation deliverables including all summary forms and associated raw data. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Any parameters that are not included in the lab's NELAC accreditation are identified on a "Non-Certified Analytes" report in the Miscellaneous Forms Section of this report. Individual analytical results requiring further explanation are flagged with qualifiers and/or discussed below. The flags are explained in the Report Qualifiers and Definitions page in the Miscellaneous Forms section of this report.

Sample Receipt

Nine Water samples were received for analysis at ALS Environmental on 05/24/2017. Any discrepancies noted upon initial sample inspection are noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at ≤6°C upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Volatile Organic Analyses:

Method 8260, 5/25/17: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260, 5/25/17: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Method 8260, R1704686-001: Sample(s) required dilution due to the foaming nature of the matrix. The reporting limits are adjusted to reflect the dilution.

Semi-Volatile Organic Analyses:

No significant anomalies were noted with this analysis.

Metals Analyses:

Method 6010C, 6/7/17: The upper control limit was exceeded for Selenium in the Contract Required Detection Limit Standard (CRDL). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

General Chemistry Analyses:

No significant anomalies were noted with this analysis.

Approved by _____ Date 6/15/2017

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:**R1704686
Project: Fortino Tire

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1704686-001	FT-WS-08	5/23/2017	1515
R1704686-002	FT-WS-08 Dissolved	5/23/2017	1515
R1704686-003	FT-WS-10	5/24/2017	0850
R1704686-004	FT-WS-10 Dissolved	5/24/2017	0850
R1704686-005	FT-WS-13	5/24/2017	1000
R1704686-006	FT-WS-13 Dissolved	5/24/2017	1000
R1704686-007	FT-WS-14	5/24/2017	1015
R1704686-008	FT-WS-14 Dissolved	5/24/2017	1015
R1704686-009	TRIP BLANK	5/24/2017	1015

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

44922

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax)

NYSDEC

Project Name: FORTINO TIRE	Project Number:
Project Manager: MARC FLANAGAN	Report CC:
Company/Address: TRC 10 MAXWELL DRIVE, SUITE 200 CLIFTON PARK, NY 12065	
Phone #: (518) 688-3154	Email: mflanagan@trcsolutions.com
Sampler's Signature:	Sampler's Printed Name: RYAN JORREY

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP / 5035	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	Cyanide							REMARKS/ ALTERNATE DESCRIPTION
FT-SD-01		05/23/17	1050	Sed	5	X	X		X	X	X		X							
FT-SD-02			1105	Sed	5	X	X		X	X	X		X							
FT-SD-03			1120	Sed	5	X	X		X	X	X		X							
FT-SD-04			1245	Sed	5	X	X		X	X	X		X							
FT-SD-05			1300	Sed	5	X	X		X	X	X		X							
FT-SD-06			1315	Sed	5	X	X		X	X	X		X							
FT-SD-07			1430	Sed	5	X	X		X	X	X		X							
FT-SD-08			1445	Sed	5	X	X		X	X	X		X							
FT-WS-02			1515	Water	13	X	X		X	X	X	X	X							
FT-SD-09		05/23/17	1500	Sed	5	X	X		X	X	X		X							
FT-SD-10		05/24/17	0900	Sed	5	X	X		X	X	X		X							

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS

Metals

* All dissolved constituents need to be filtered by lab, not field filtered.

analyze all soluble samples for PCB's, Metals & Cyanide as per Marc Flanagan

5/23/17

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED

TURNAROUND REQUIREMENTS

_____ RUSH (SURCHARGES APPLY)

_____ 1 day _____ 2 day _____ 3 day

_____ 4 day _____ 5 day

Standard

REQUESTED REPORT DATE _____

REPORT REQUIREMENTS

____ I. Results Only

____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

____ III. Results + QC and Calibration Summaries

____ IV. Data Validation Report with Raw Data

Edata ____Yes ____No

INVOICE INFORMATION

PO #

BILL TO:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	
Printed Name: RYAN JORREY	Printed Name: Jamie Ward	Printed Name	Printed Name	Printed	
Firm: TRC	Firm: ALS	Firm	Firm	Firm	
Date/Time: 5/24/17 1305	Date/Time: 5/24/17 1305	Date/Time	Date/Time	Date/Tim	

R1704686 5
TRC Environmental Corporation
Fortino Tire

Distribution: White - Lab Copy; Yellow - Return to Originator

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

44923

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Project Name: NYSDEC FORTINO TIRE	Project Number:
Project Manager: MARC FLANAGAN	Report CC:
Company/Address: TRC 10 MAXWELL DRIVE, SUITE 200 CLIFTON PARK, NY 12065	
Phone #: (518) 688-3154	Email: mflanagan@trcsolutions.com
Sampler's Signature:	Sampler's Printed Name: RYAN TORREY

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP 1530	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	Cyanide								REMARKS/ ALTERNATE DESCRIPTION
FT-WS-10		05/24/17	0850	Water	13	X	X		X	X	X	X	X								
FT-SD-11			0915	Sed	5	X	X		X	X	X		X								
FT-SD-12			0930	Sed	5	X	X		X	X	X		X								
FT-WS-13			1000	Water	13	X	X		X	X	X	X	X								
FT-WS-14		05/24/17	1015	Water	13	X	X		X	X	X	X	X								
Temp Blank																					

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS

Metals

*All dissolved constituents need to be Filtered by lab, not Field Filtered

See QAPP ☐

TURNAROUND REQUIREMENTS

_____ RUSH (SURCHARGES APPLY)

_____ 1 day _____ 2 day _____ 3 day

_____ 4 day _____ 5 day

Standard

REQUESTED REPORT DATE

_____

REPORT REQUIREMENTS

_____ I. Results Only

_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)

_____ III. Results + QC and Calibration Summaries

_____ IV. Data Validation Report with Raw Data

Edata _____ Yes _____ No

INVOICE INFORMATION

PO #

BILL TO:

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Signature	
Printed Name: RYAN TORREY	Printed Name: Jamie Marc	Printed Name	Printed Name	Printed Name	
Firm: TRC	Firm: ALS	Firm	Firm	Firm	
Date/Time: 5/24/17 1305	Date/Time: 5/24/17/1305	Date/Time	Date/Time	Date/Time	Date/Time

R1704686 5
TRC Environmental Corporation
Fortino Tire

Distribution: White - Lab Copy; Yellow - Return to Originator

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Cooler Receipt and Preservation Check Form

R1704686 5
TRC Environmental Corporation
Fortino Tire

Project/Client TRC Folder Number R17-4686

Cooler received on 5/24/17 by: dlw

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y ~~N~~	5a	**Perchlorate** samples have required headspace?	Y N ~~NA~~
2	**Custody papers** properly completed (ink, signed)?	Y N	5b	Did VOA vials, Alk,or Sulfide have sig* **bubbles**?	Y ~~N~~ NA
3	Did all bottles arrive in good **condition** (unbroken)?	Y N	6	Where did the bottles originate?	ALS/ROC CLIENT
4	Circle: ~~Wet Ice~~ **Dry Ice Gel packs** present?	Y N	7	Soil VOA received as:	Bulk Encore 5035set NA

8. Temperature Readings Date: 5/24/17 Time: 1317 ID: IR#7 ~~IR#8~~ From: Temp Blank Sample Bottle

Observed Temp (°C)	17.1	17.5	7.8	15.4	5.3		
Correction Factor (°C)	+0.9	+0.9	+0.9	+0.9	+0.9		
Corrected Temp (°C)	18.0	18.4	8.7	16.8	6.2		
Temp from:Type of bottle	Cent tube	Cent tube	Cent tube	Cent tube	Cent tube		
Within 0-6°C?	Y ~~N~~ *	Y ~~N~~ *	Y ~~N~~ **	Y ~~N~~ *	Y ~~N~~ **	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed ** ~~Same Day Rule~~ *

&Client Approval to Run Samples: _____ Standing Approval 5/24/17 Client aware at drop-off Client notified by: _____

All samples held in storage location: R-002 by ~~dlw~~ on 5/24/17 at 1317
5035 samples placed in storage location: R-F09 by ↓ on ↓ at ↓

Cooler Breakdown: Date: 5/24/17 Time: 1650 by: dlw

9.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	~~YES~~	NO
10.	Did all bottle labels and tags agree with custody papers?	~~YES~~	NO
11.	Were correct containers used for the tests indicated?	~~YES~~	NO
12.	Were 5035 vials acceptable (no extra labels, not leaking)?	YES	NO ~~N/A~~
13.	Air Samples: Cassettes / Tubes Intact	Canisters Pressurized	Tedlar® Bags Inflated ~~N/A~~

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	213416	NaOH	✓		180479	4/18				
≤2	↓	HNO_3	✓		BD1826157E	5/18				
≤2		H_2SO_4								
<4		$NaHSO_4$								
Residual Chlorine (-)		For CN Phenol and 522			If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
		$Na_2S_2O_3$	-	-						
		ZnAcetate	-	-						
		HCl	**	**	4115022	5/18				

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: C0-195-001, 041517-~~DF~~ 10K, 041916-2AAv, 041517-2AAO
Explain all Discrepancies/ Other Comments: dlw 5/24/17

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

Labels secondary reviewed by: dlw
PC Secondary Review: _____ 5/25/17

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an ñimmediateò hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Delaware Accredited	Nebraska Accredited	
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047	North Carolina #676	Virginia #460167

[1] Analyses were performed according to our laboratoryôs NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

ALS Group USA, Corp.
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Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1704686
Project: Fortino Tire

Sample Name: FT-WS-08 **Date Collected:** 05/23/17
Lab Code: R1704686-001 **Date Received:** 05/24/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES

Sample Name: FT-WS-08 Dissolved **Date Collected:** 05/23/17
Lab Code: R1704686-002 **Date Received:** 05/24/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	NMANSEN	NMANSEN
8082A	DMURPHY	MPEDRO
9012B	MROGERSON	AMOSES

Sample Name: FT-WS-10 **Date Collected:** 05/24/17
Lab Code: R1704686-003 **Date Received:** 05/24/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire		

Sample Name:	FT-WS-10 Dissolved	**Date Collected:**	05/24/17
Lab Code:	R1704686-004	**Date Received:**	05/24/17
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	NMANSEN	NMANSEN
8082A	DMURPHY	MPEDRO
9012B	MROGERSON	AMOSES

Sample Name:	FT-WS-13	**Date Collected:**	05/24/17
Lab Code:	R1704686-005	**Date Received:**	05/24/17
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES

Sample Name:	FT-WS-13 Dissolved	**Date Collected:**	05/24/17
Lab Code:	R1704686-006	**Date Received:**	05/24/17
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	NMANSEN	NMANSEN
8082A	DMURPHY	MPEDRO
9012B	MROGERSON	AMOSES

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: TRC Environmental Corporation **Service Request:** R1704686
Project: Fortino Tire

Sample Name: FT-WS-14 **Date Collected:** 05/24/17
Lab Code: R1704686-007 **Date Received:** 05/24/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	NMANSEN	NMANSEN
8081B	DMURPHY	MPEDRO
8082A	DMURPHY	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	MROGERSON	AMOSES

Sample Name: FT-WS-14 Dissolved **Date Collected:** 05/24/17
Lab Code: R1704686-008 **Date Received:** 05/24/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	NMANSEN	NMANSEN
8082A	DMURPHY	MPEDRO
9012B	MROGERSON	AMOSES

Sample Name: TRIP BLANK **Date Collected:** 05/24/17
Lab Code: R1704686-009 **Date Received:** 05/24/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260C		KRUEST

INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Volatile Organic Compounds by GC/MS

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www.alsglobal.com

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-08	**Units:**	ug/L
Lab Code:	R1704686-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	10 U	10	3.6	10	05/25/17 20:11	
1,1,2,2-Tetrachloroethane	10 U	10	2.5	10	05/25/17 20:11	
1,1,2-Trichloroethane	10 U	10	3.4	10	05/25/17 20:11	
1,1,2-Trichloro-1,2,2-trifluoroethane	10 U	10	3.1	10	05/25/17 20:11	
1,1-Dichloroethane (1,1-DCA)	10 U	10	2.0	10	05/25/17 20:11	
1,1-Dichloroethene (1,1-DCE)	10 U	10	5.7	10	05/25/17 20:11	
1,2,3-Trichlorobenzene	10 U	10	8.2	10	05/25/17 20:11	
1,2,4-Trichlorobenzene	10 U	10	2.3	10	05/25/17 20:11	
1,2-Dibromo-3-chloropropane (DBCP)	20 U	20	7.4	10	05/25/17 20:11	
1,2-Dibromoethane	10 U	10	2.4	10	05/25/17 20:11	
1,2-Dichlorobenzene	10 U	10	2.1	10	05/25/17 20:11	
1,2-Dichloroethane	10 U	10	3.6	10	05/25/17 20:11	
1,2-Dichloropropane	10 U	10	2.0	10	05/25/17 20:11	
1,3-Dichlorobenzene	10 U	10	2.0	10	05/25/17 20:11	
1,4-Dichlorobenzene	10 U	10	2.0	10	05/25/17 20:11	
1,4-Dioxane	400 U	400	200	10	05/25/17 20:11	
2-Butanone (MEK)	50 U	50	8.1	10	05/25/17 20:11	
2-Hexanone	50 U	50	17	10	05/25/17 20:11	
4-Methyl-2-pentanone	50 U	50	6.7	10	05/25/17 20:11	
Acetone	**21 BJ**	50	13	10	05/25/17 20:11	
Benzene	10 U	10	2.0	10	05/25/17 20:11	
Bromochloromethane	10 U	10	3.2	10	05/25/17 20:11	
Bromodichloromethane	10 U	10	3.2	10	05/25/17 20:11	
Bromoform	10 U	10	4.2	10	05/25/17 20:11	
Bromomethane	10 U	10	2.9	10	05/25/17 20:11	
Carbon Disulfide	10 U	10	2.2	10	05/25/17 20:11	
Carbon Tetrachloride	10 U	10	4.5	10	05/25/17 20:11	
Chlorobenzene	10 U	10	2.9	10	05/25/17 20:11	
Chloroethane	10 U	10	2.4	10	05/25/17 20:11	
Chloroform	10 U	10	2.5	10	05/25/17 20:11	
Chloromethane	10 U	10	2.1	10	05/25/17 20:11	
Cyclohexane	10 U	10	2.5	10	05/25/17 20:11	
Dibromochloromethane	10 U	10	3.1	10	05/25/17 20:11	
Dichlorodifluoromethane (CFC 12)	10 U	10	4.6	10	05/25/17 20:11	
Dichloromethane	10 U	10	6.0	10	05/25/17 20:11	
Ethylbenzene	10 U	10	2.0	10	05/25/17 20:11	
Isopropylbenzene (Cumene)	10 U	10	2.0	10	05/25/17 20:11	
Methyl Acetate	20 U	20	4.3	10	05/25/17 20:11	
Methyl tert-Butyl Ether	10 U	10	2.9	10	05/25/17 20:11	
Methylcyclohexane	10 U	10	2.7	10	05/25/17 20:11	
Styrene	10 U	10	2.0	10	05/25/17 20:11	
Tetrachloroethene (PCE)	10 U	10	3.0	10	05/25/17 20:11	
Toluene	10 U	10	2.0	10	05/25/17 20:11	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-08	**Units:**	ug/L
Lab Code:	R1704686-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	10 U	10	2.2	10	05/25/17 20:11	
Trichlorofluoromethane (CFC 11)	10 U	10	2.0	10	05/25/17 20:11	
Vinyl Chloride	10 U	10	3.2	10	05/25/17 20:11	
cis-1,2-Dichloroethene	10 U	10	3.0	10	05/25/17 20:11	
cis-1,3-Dichloropropene	10 U	10	2.4	10	05/25/17 20:11	
m,p-Xylenes	20 U	20	3.3	10	05/25/17 20:11	
o-Xylene	10 U	10	2.0	10	05/25/17 20:11	
trans-1,2-Dichloroethene	10 U	10	3.3	10	05/25/17 20:11	
trans-1,3-Dichloropropene	10 U	10	2.0	10	05/25/17 20:11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	05/25/17 20:11	
Dibromofluoromethane	105	89 - 119	05/25/17 20:11	
Toluene-d8	113	87 - 121	05/25/17 20:11	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 08:50
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-10	**Units:**	ug/L
Lab Code:	R1704686-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	05/25/17 18:40	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	05/25/17 18:40	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	05/25/17 18:40	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	05/25/17 18:40	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	05/25/17 18:40	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	05/25/17 18:40	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	05/25/17 18:40	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	05/25/17 18:40	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	05/25/17 18:40	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	05/25/17 18:40	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	05/25/17 18:40	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	05/25/17 18:40	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	05/25/17 18:40	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	05/25/17 18:40	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	05/25/17 18:40	
1,4-Dioxane	40 U	40	20	1	05/25/17 18:40	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	05/25/17 18:40	
2-Hexanone	5.0 U	5.0	1.7	1	05/25/17 18:40	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	05/25/17 18:40	
Acetone	**3.1 BJ**	5.0	1.3	1	05/25/17 18:40	
Benzene	1.0 U	1.0	0.20	1	05/25/17 18:40	
Bromochloromethane	1.0 U	1.0	0.32	1	05/25/17 18:40	
Bromodichloromethane	1.0 U	1.0	0.32	1	05/25/17 18:40	
Bromoform	1.0 U	1.0	0.42	1	05/25/17 18:40	
Bromomethane	1.0 U	1.0	0.29	1	05/25/17 18:40	
Carbon Disulfide	1.0 U	1.0	0.22	1	05/25/17 18:40	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	05/25/17 18:40	
Chlorobenzene	1.0 U	1.0	0.29	1	05/25/17 18:40	
Chloroethane	1.0 U	1.0	0.24	1	05/25/17 18:40	
Chloroform	1.0 U	1.0	0.25	1	05/25/17 18:40	
Chloromethane	1.0 U	1.0	0.21	1	05/25/17 18:40	
Cyclohexane	1.0 U	1.0	0.25	1	05/25/17 18:40	
Dibromochloromethane	1.0 U	1.0	0.31	1	05/25/17 18:40	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	05/25/17 18:40	
Dichloromethane	1.0 U	1.0	0.60	1	05/25/17 18:40	
Ethylbenzene	1.0 U	1.0	0.20	1	05/25/17 18:40	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	05/25/17 18:40	
Methyl Acetate	2.0 U	2.0	0.43	1	05/25/17 18:40	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	05/25/17 18:40	
Methylcyclohexane	1.0 U	1.0	0.27	1	05/25/17 18:40	
Styrene	1.0 U	1.0	0.20	1	05/25/17 18:40	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	05/25/17 18:40	
Toluene	1.0 U	1.0	0.20	1	05/25/17 18:40	

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 08:50
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-10	**Units:**	ug/L
Lab Code:	R1704686-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	05/25/17 18:40	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	05/25/17 18:40	
Vinyl Chloride	1.0 U	1.0	0.32	1	05/25/17 18:40	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	05/25/17 18:40	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	05/25/17 18:40	
m,p-Xylenes	2.0 U	2.0	0.33	1	05/25/17 18:40	
o-Xylene	1.0 U	1.0	0.20	1	05/25/17 18:40	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	05/25/17 18:40	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	05/25/17 18:40	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	05/25/17 18:40	
Dibromofluoromethane	106	89 - 119	05/25/17 18:40	
Toluene-d8	113	87 - 121	05/25/17 18:40	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:00
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-13	**Units:**	ug/L
Lab Code:	R1704686-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	05/25/17 19:11	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	05/25/17 19:11	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	05/25/17 19:11	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	05/25/17 19:11	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	05/25/17 19:11	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	05/25/17 19:11	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	05/25/17 19:11	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	05/25/17 19:11	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	05/25/17 19:11	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	05/25/17 19:11	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	05/25/17 19:11	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	05/25/17 19:11	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	05/25/17 19:11	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	05/25/17 19:11	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	05/25/17 19:11	
1,4-Dioxane	40 U	40	20	1	05/25/17 19:11	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	05/25/17 19:11	
2-Hexanone	5.0 U	5.0	1.7	1	05/25/17 19:11	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	05/25/17 19:11	
Acetone	**3.2 BJ**	5.0	1.3	1	05/25/17 19:11	
Benzene	1.0 U	1.0	0.20	1	05/25/17 19:11	
Bromochloromethane	1.0 U	1.0	0.32	1	05/25/17 19:11	
Bromodichloromethane	1.0 U	1.0	0.32	1	05/25/17 19:11	
Bromoform	1.0 U	1.0	0.42	1	05/25/17 19:11	
Bromomethane	1.0 U	1.0	0.29	1	05/25/17 19:11	
Carbon Disulfide	1.0 U	1.0	0.22	1	05/25/17 19:11	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	05/25/17 19:11	
Chlorobenzene	1.0 U	1.0	0.29	1	05/25/17 19:11	
Chloroethane	1.0 U	1.0	0.24	1	05/25/17 19:11	
Chloroform	1.0 U	1.0	0.25	1	05/25/17 19:11	
Chloromethane	1.0 U	1.0	0.21	1	05/25/17 19:11	
Cyclohexane	1.0 U	1.0	0.25	1	05/25/17 19:11	
Dibromochloromethane	1.0 U	1.0	0.31	1	05/25/17 19:11	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	05/25/17 19:11	
Dichloromethane	1.0 U	1.0	0.60	1	05/25/17 19:11	
Ethylbenzene	1.0 U	1.0	0.20	1	05/25/17 19:11	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	05/25/17 19:11	
Methyl Acetate	2.0 U	2.0	0.43	1	05/25/17 19:11	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	05/25/17 19:11	
Methylcyclohexane	1.0 U	1.0	0.27	1	05/25/17 19:11	
Styrene	1.0 U	1.0	0.20	1	05/25/17 19:11	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	05/25/17 19:11	
Toluene	1.0 U	1.0	0.20	1	05/25/17 19:11	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:00
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-13	**Units:**	ug/L
Lab Code:	R1704686-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	05/25/17 19:11	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	05/25/17 19:11	
Vinyl Chloride	1.0 U	1.0	0.32	1	05/25/17 19:11	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	05/25/17 19:11	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	05/25/17 19:11	
m,p-Xylenes	2.0 U	2.0	0.33	1	05/25/17 19:11	
o-Xylene	1.0 U	1.0	0.20	1	05/25/17 19:11	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	05/25/17 19:11	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	05/25/17 19:11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	05/25/17 19:11	
Dibromofluoromethane	109	89 - 119	05/25/17 19:11	
Toluene-d8	113	87 - 121	05/25/17 19:11	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-14	**Units:**	ug/L
Lab Code:	R1704686-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	05/25/17 19:41	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	05/25/17 19:41	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	05/25/17 19:41	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	05/25/17 19:41	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	05/25/17 19:41	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	05/25/17 19:41	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	05/25/17 19:41	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	05/25/17 19:41	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	05/25/17 19:41	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	05/25/17 19:41	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	05/25/17 19:41	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	05/25/17 19:41	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	05/25/17 19:41	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	05/25/17 19:41	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	05/25/17 19:41	
1,4-Dioxane	40 U	40	20	1	05/25/17 19:41	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	05/25/17 19:41	
2-Hexanone	5.0 U	5.0	1.7	1	05/25/17 19:41	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	05/25/17 19:41	
Acetone	**4.6 BJ**	5.0	1.3	1	05/25/17 19:41	
Benzene	1.0 U	1.0	0.20	1	05/25/17 19:41	
Bromochloromethane	1.0 U	1.0	0.32	1	05/25/17 19:41	
Bromodichloromethane	1.0 U	1.0	0.32	1	05/25/17 19:41	
Bromoform	1.0 U	1.0	0.42	1	05/25/17 19:41	
Bromomethane	1.0 U	1.0	0.29	1	05/25/17 19:41	
Carbon Disulfide	1.0 U	1.0	0.22	1	05/25/17 19:41	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	05/25/17 19:41	
Chlorobenzene	1.0 U	1.0	0.29	1	05/25/17 19:41	
Chloroethane	1.0 U	1.0	0.24	1	05/25/17 19:41	
Chloroform	**0.77 J**	1.0	0.25	1	05/25/17 19:41	
Chloromethane	1.0 U	1.0	0.21	1	05/25/17 19:41	
Cyclohexane	1.0 U	1.0	0.25	1	05/25/17 19:41	
Dibromochloromethane	1.0 U	1.0	0.31	1	05/25/17 19:41	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	05/25/17 19:41	
Dichloromethane	1.0 U	1.0	0.60	1	05/25/17 19:41	
Ethylbenzene	1.0 U	1.0	0.20	1	05/25/17 19:41	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	05/25/17 19:41	
Methyl Acetate	2.0 U	2.0	0.43	1	05/25/17 19:41	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	05/25/17 19:41	
Methylcyclohexane	1.0 U	1.0	0.27	1	05/25/17 19:41	
Styrene	1.0 U	1.0	0.20	1	05/25/17 19:41	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	05/25/17 19:41	
Toluene	1.0 U	1.0	0.20	1	05/25/17 19:41	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-14	**Units:**	ug/L
Lab Code:	R1704686-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	05/25/17 19:41	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	05/25/17 19:41	
Vinyl Chloride	1.0 U	1.0	0.32	1	05/25/17 19:41	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	05/25/17 19:41	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	05/25/17 19:41	
m,p-Xylenes	2.0 U	2.0	0.33	1	05/25/17 19:41	
o-Xylene	1.0 U	1.0	0.20	1	05/25/17 19:41	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	05/25/17 19:41	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	05/25/17 19:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	05/25/17 19:41	
Dibromofluoromethane	109	89 - 119	05/25/17 19:41	
Toluene-d8	113	87 - 121	05/25/17 19:41	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	TRIP BLANK	**Units:**	ug/L
Lab Code:	R1704686-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	05/25/17 18:10	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	05/25/17 18:10	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	05/25/17 18:10	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	05/25/17 18:10	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	05/25/17 18:10	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	05/25/17 18:10	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	05/25/17 18:10	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	05/25/17 18:10	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	05/25/17 18:10	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	05/25/17 18:10	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	05/25/17 18:10	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	05/25/17 18:10	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	05/25/17 18:10	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	05/25/17 18:10	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	05/25/17 18:10	
1,4-Dioxane	40 U	40	20	1	05/25/17 18:10	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	05/25/17 18:10	
2-Hexanone	5.0 U	5.0	1.7	1	05/25/17 18:10	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	05/25/17 18:10	
Acetone	**4.4 BJ**	5.0	1.3	1	05/25/17 18:10	
Benzene	1.0 U	1.0	0.20	1	05/25/17 18:10	
Bromochloromethane	1.0 U	1.0	0.32	1	05/25/17 18:10	
Bromodichloromethane	1.0 U	1.0	0.32	1	05/25/17 18:10	
Bromoform	1.0 U	1.0	0.42	1	05/25/17 18:10	
Bromomethane	1.0 U	1.0	0.29	1	05/25/17 18:10	
Carbon Disulfide	1.0 U	1.0	0.22	1	05/25/17 18:10	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	05/25/17 18:10	
Chlorobenzene	1.0 U	1.0	0.29	1	05/25/17 18:10	
Chloroethane	1.0 U	1.0	0.24	1	05/25/17 18:10	
Chloroform	1.0 U	1.0	0.25	1	05/25/17 18:10	
Chloromethane	1.0 U	1.0	0.21	1	05/25/17 18:10	
Cyclohexane	1.0 U	1.0	0.25	1	05/25/17 18:10	
Dibromochloromethane	1.0 U	1.0	0.31	1	05/25/17 18:10	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	05/25/17 18:10	
Dichloromethane	1.0 U	1.0	0.60	1	05/25/17 18:10	
Ethylbenzene	1.0 U	1.0	0.20	1	05/25/17 18:10	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	05/25/17 18:10	
Methyl Acetate	2.0 U	2.0	0.43	1	05/25/17 18:10	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	05/25/17 18:10	
Methylcyclohexane	1.0 U	1.0	0.27	1	05/25/17 18:10	
Styrene	1.0 U	1.0	0.20	1	05/25/17 18:10	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	05/25/17 18:10	
Toluene	1.0 U	1.0	0.20	1	05/25/17 18:10	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	TRIP BLANK	**Units:**	ug/L
Lab Code:	R1704686-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	05/25/17 18:10	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	05/25/17 18:10	
Vinyl Chloride	1.0 U	1.0	0.32	1	05/25/17 18:10	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	05/25/17 18:10	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	05/25/17 18:10	
m,p-Xylenes	2.0 U	2.0	0.33	1	05/25/17 18:10	
o-Xylene	1.0 U	1.0	0.20	1	05/25/17 18:10	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	05/25/17 18:10	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	05/25/17 18:10	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	05/25/17 18:10	
Dibromofluoromethane	105	89 - 119	05/25/17 18:10	
Toluene-d8	114	87 - 121	05/25/17 18:10	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-08	**Units:**	ug/L
Lab Code:	R1704686-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	05/26/17 09:49	5/25/17	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	05/26/17 09:49	5/25/17	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	05/26/17 09:49	5/25/17	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	05/26/17 09:49	5/25/17	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	05/26/17 09:49	5/25/17	
2,4-Dimethylphenol	9.4 U	9.4	1.5	1	05/26/17 09:49	5/25/17	
2,4-Dinitrophenol	47 U	47	20	1	05/26/17 09:49	5/25/17	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	05/26/17 09:49	5/25/17	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	05/26/17 09:49	5/25/17	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
2-Chlorophenol	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
2-Methylnaphthalene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
2-Methylphenol	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
2-Nitroaniline	47 U	47	9.1	1	05/26/17 09:49	5/25/17	
2-Nitrophenol	9.4 U	9.4	1.4	1	05/26/17 09:49	5/25/17	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	05/26/17 09:49	5/25/17	
3- and 4-Methylphenol Coelution	9.4 U	9.4	2.0	1	05/26/17 09:49	5/25/17	
3-Nitroaniline	47 U	47	7.7	1	05/26/17 09:49	5/25/17	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	05/26/17 09:49	5/25/17	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	05/26/17 09:49	5/25/17	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	05/26/17 09:49	5/25/17	
4-Chloroaniline	9.4 U	9.4	1.5	1	05/26/17 09:49	5/25/17	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	05/26/17 09:49	5/25/17	
4-Nitroaniline	47 U	47	7.8	1	05/26/17 09:49	5/25/17	
4-Nitrophenol	47 U	47	5.9	1	05/26/17 09:49	5/25/17	
Acenaphthene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Acenaphthylene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Acetophenone	9.4 U	9.4	1.6	1	05/26/17 09:49	5/25/17	
Anthracene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Atrazine	9.4 U	9.4	2.7	1	05/26/17 09:49	5/25/17	
Benz(a)anthracene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Benzaldehyde	47 U	47	3.3	1	05/26/17 09:49	5/25/17	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Biphenyl	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	05/26/17 09:49	5/25/17	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	05/26/17 09:49	5/25/17	
Bis(2-ethylhexyl) Phthalate	9.4 U	9.4	1.2	1	05/26/17 09:49	5/25/17	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	05/26/17 09:49	5/25/17	
Caprolactam	9.4 U	9.4	1.8	1	05/26/17 09:49	5/25/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-08	**Units:**	ug/L
Lab Code:	R1704686-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	05/26/17 09:49	5/25/17	
Chrysene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Di-n-octyl Phthalate	9.4 U	9.4	1.2	1	05/26/17 09:49	5/25/17	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	05/26/17 09:49	5/25/17	
Dibenzofuran	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Diethyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Fluoranthene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Fluorene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Hexachlorobenzene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	05/26/17 09:49	5/25/17	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Hexachloroethane	9.4 U	9.4	1.2	1	05/26/17 09:49	5/25/17	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	05/26/17 09:49	5/25/17	
Isophorone	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	05/26/17 09:49	5/25/17	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Naphthalene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Nitrobenzene	9.4 U	9.4	1.6	1	05/26/17 09:49	5/25/17	
Pentachlorophenol (PCP)	47 U	47	6.9	1	05/26/17 09:49	5/25/17	
Phenanthrene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Phenol	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	
Pyrene	9.4 U	9.4	1.0	1	05/26/17 09:49	5/25/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	90	35 - 141	05/26/17 09:49	
2-Fluorobiphenyl	77	31 - 118	05/26/17 09:49	
2-Fluorophenol	34	10 - 105	05/26/17 09:49	
Nitrobenzene-d5	79	31 - 110	05/26/17 09:49	
Phenol-d6	25	10 - 107	05/26/17 09:49	
Terphenyl-d14	87	30 - 133	05/26/17 09:49	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 08:50
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-10	**Units:**	ug/L
Lab Code:	R1704686-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	05/26/17 10:17	5/25/17	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	05/26/17 10:17	5/25/17	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	05/26/17 10:17	5/25/17	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	05/26/17 10:17	5/25/17	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	05/26/17 10:17	5/25/17	
2,4-Dimethylphenol	9.4 U	9.4	1.5	1	05/26/17 10:17	5/25/17	
2,4-Dinitrophenol	47 U	47	20	1	05/26/17 10:17	5/25/17	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	05/26/17 10:17	5/25/17	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	05/26/17 10:17	5/25/17	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
2-Chlorophenol	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
2-Methylnaphthalene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
2-Methylphenol	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
2-Nitroaniline	47 U	47	9.1	1	05/26/17 10:17	5/25/17	
2-Nitrophenol	9.4 U	9.4	1.4	1	05/26/17 10:17	5/25/17	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	05/26/17 10:17	5/25/17	
3- and 4-Methylphenol Coelution	9.4 U	9.4	2.0	1	05/26/17 10:17	5/25/17	
3-Nitroaniline	47 U	47	7.7	1	05/26/17 10:17	5/25/17	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	05/26/17 10:17	5/25/17	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	05/26/17 10:17	5/25/17	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	05/26/17 10:17	5/25/17	
4-Chloroaniline	9.4 U	9.4	1.5	1	05/26/17 10:17	5/25/17	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	05/26/17 10:17	5/25/17	
4-Nitroaniline	47 U	47	7.8	1	05/26/17 10:17	5/25/17	
4-Nitrophenol	47 U	47	5.9	1	05/26/17 10:17	5/25/17	
Acenaphthene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Acenaphthylene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Acetophenone	9.4 U	9.4	1.6	1	05/26/17 10:17	5/25/17	
Anthracene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Atrazine	9.4 U	9.4	2.7	1	05/26/17 10:17	5/25/17	
Benz(a)anthracene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Benzaldehyde	47 U	47	3.3	1	05/26/17 10:17	5/25/17	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Biphenyl	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	05/26/17 10:17	5/25/17	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	05/26/17 10:17	5/25/17	
Bis(2-ethylhexyl) Phthalate	9.4 U	9.4	1.2	1	05/26/17 10:17	5/25/17	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	05/26/17 10:17	5/25/17	
Caprolactam	9.4 U	9.4	1.8	1	05/26/17 10:17	5/25/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 08:50
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-10	**Units:**	ug/L
Lab Code:	R1704686-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	05/26/17 10:17	5/25/17	
Chrysene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Di-n-octyl Phthalate	9.4 U	9.4	1.2	1	05/26/17 10:17	5/25/17	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	05/26/17 10:17	5/25/17	
Dibenzofuran	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Diethyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Fluoranthene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Fluorene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Hexachlorobenzene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	05/26/17 10:17	5/25/17	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Hexachloroethane	9.4 U	9.4	1.2	1	05/26/17 10:17	5/25/17	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	05/26/17 10:17	5/25/17	
Isophorone	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	05/26/17 10:17	5/25/17	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Naphthalene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Nitrobenzene	9.4 U	9.4	1.6	1	05/26/17 10:17	5/25/17	
Pentachlorophenol (PCP)	47 U	47	6.9	1	05/26/17 10:17	5/25/17	
Phenanthrene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Phenol	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	
Pyrene	9.4 U	9.4	1.0	1	05/26/17 10:17	5/25/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	82	35 - 141	05/26/17 10:17	
2-Fluorobiphenyl	76	31 - 118	05/26/17 10:17	
2-Fluorophenol	34	10 - 105	05/26/17 10:17	
Nitrobenzene-d5	77	31 - 110	05/26/17 10:17	
Phenol-d6	25	10 - 107	05/26/17 10:17	
Terphenyl-d14	85	30 - 133	05/26/17 10:17	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:00
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-13	**Units:**	ug/L
Lab Code:	R1704686-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	05/26/17 10:45	5/25/17	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	05/26/17 10:45	5/25/17	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	05/26/17 10:45	5/25/17	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	05/26/17 10:45	5/25/17	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	05/26/17 10:45	5/25/17	
2,4-Dimethylphenol	9.4 U	9.4	1.5	1	05/26/17 10:45	5/25/17	
2,4-Dinitrophenol	47 U	47	20	1	05/26/17 10:45	5/25/17	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	05/26/17 10:45	5/25/17	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	05/26/17 10:45	5/25/17	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
2-Chlorophenol	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
2-Methylnaphthalene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
2-Methylphenol	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
2-Nitroaniline	47 U	47	9.1	1	05/26/17 10:45	5/25/17	
2-Nitrophenol	9.4 U	9.4	1.4	1	05/26/17 10:45	5/25/17	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	05/26/17 10:45	5/25/17	
3- and 4-Methylphenol Coelution	9.4 U	9.4	2.0	1	05/26/17 10:45	5/25/17	
3-Nitroaniline	47 U	47	7.7	1	05/26/17 10:45	5/25/17	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	05/26/17 10:45	5/25/17	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	05/26/17 10:45	5/25/17	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	05/26/17 10:45	5/25/17	
4-Chloroaniline	9.4 U	9.4	1.5	1	05/26/17 10:45	5/25/17	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	05/26/17 10:45	5/25/17	
4-Nitroaniline	47 U	47	7.8	1	05/26/17 10:45	5/25/17	
4-Nitrophenol	47 U	47	5.9	1	05/26/17 10:45	5/25/17	
Acenaphthene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Acenaphthylene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Acetophenone	9.4 U	9.4	1.6	1	05/26/17 10:45	5/25/17	
Anthracene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Atrazine	9.4 U	9.4	2.7	1	05/26/17 10:45	5/25/17	
Benz(a)anthracene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Benzaldehyde	47 U	47	3.3	1	05/26/17 10:45	5/25/17	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Biphenyl	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	05/26/17 10:45	5/25/17	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	05/26/17 10:45	5/25/17	
Bis(2-ethylhexyl) Phthalate	**1.9 J**	9.4	1.2	1	05/26/17 10:45	5/25/17	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	05/26/17 10:45	5/25/17	
Caprolactam	9.4 U	9.4	1.8	1	05/26/17 10:45	5/25/17	

ALS Group USA, Corp.
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:00
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-13	**Units:**	ug/L
Lab Code:	R1704686-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	05/26/17 10:45	5/25/17	
Chrysene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Di-n-octyl Phthalate	9.4 U	9.4	1.2	1	05/26/17 10:45	5/25/17	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	05/26/17 10:45	5/25/17	
Dibenzofuran	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Diethyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Fluoranthene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Fluorene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Hexachlorobenzene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	05/26/17 10:45	5/25/17	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Hexachloroethane	9.4 U	9.4	1.2	1	05/26/17 10:45	5/25/17	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	05/26/17 10:45	5/25/17	
Isophorone	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	05/26/17 10:45	5/25/17	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Naphthalene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Nitrobenzene	9.4 U	9.4	1.6	1	05/26/17 10:45	5/25/17	
Pentachlorophenol (PCP)	47 U	47	6.9	1	05/26/17 10:45	5/25/17	
Phenanthrene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Phenol	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	
Pyrene	9.4 U	9.4	1.0	1	05/26/17 10:45	5/25/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	85	35 - 141	05/26/17 10:45	
2-Fluorobiphenyl	74	31 - 118	05/26/17 10:45	
2-Fluorophenol	35	10 - 105	05/26/17 10:45	
Nitrobenzene-d5	73	31 - 110	05/26/17 10:45	
Phenol-d6	26	10 - 107	05/26/17 10:45	
Terphenyl-d14	89	30 - 133	05/26/17 10:45	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-14	**Units:**	ug/L
Lab Code:	R1704686-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	1.9	1	05/26/17 11:13	5/25/17	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	2.0	1	05/26/17 11:13	5/25/17	
2,4,5-Trichlorophenol	9.4 U	9.4	1.8	1	05/26/17 11:13	5/25/17	
2,4,6-Trichlorophenol	9.4 U	9.4	1.4	1	05/26/17 11:13	5/25/17	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	05/26/17 11:13	5/25/17	
2,4-Dimethylphenol	9.4 U	9.4	1.5	1	05/26/17 11:13	5/25/17	
2,4-Dinitrophenol	47 U	47	20	1	05/26/17 11:13	5/25/17	
2,4-Dinitrotoluene	9.4 U	9.4	1.6	1	05/26/17 11:13	5/25/17	
2,6-Dinitrotoluene	9.4 U	9.4	1.8	1	05/26/17 11:13	5/25/17	
2-Chloronaphthalene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
2-Chlorophenol	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
2-Methylnaphthalene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
2-Methylphenol	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
2-Nitroaniline	47 U	47	9.1	1	05/26/17 11:13	5/25/17	
2-Nitrophenol	9.4 U	9.4	1.4	1	05/26/17 11:13	5/25/17	
3,3'-Dichlorobenzidine	9.4 U	9.4	4.5	1	05/26/17 11:13	5/25/17	
3- and 4-Methylphenol Coelution	9.4 U	9.4	2.0	1	05/26/17 11:13	5/25/17	
3-Nitroaniline	47 U	47	7.7	1	05/26/17 11:13	5/25/17	
4,6-Dinitro-2-methylphenol	47 U	47	11	1	05/26/17 11:13	5/25/17	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	2.2	1	05/26/17 11:13	5/25/17	
4-Chloro-3-methylphenol	9.4 U	9.4	1.2	1	05/26/17 11:13	5/25/17	
4-Chloroaniline	9.4 U	9.4	1.5	1	05/26/17 11:13	5/25/17	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	1.2	1	05/26/17 11:13	5/25/17	
4-Nitroaniline	47 U	47	7.8	1	05/26/17 11:13	5/25/17	
4-Nitrophenol	47 U	47	5.9	1	05/26/17 11:13	5/25/17	
Acenaphthene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Acenaphthylene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Acetophenone	9.4 U	9.4	1.6	1	05/26/17 11:13	5/25/17	
Anthracene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Atrazine	9.4 U	9.4	2.7	1	05/26/17 11:13	5/25/17	
Benz(a)anthracene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Benzaldehyde	47 U	47	3.3	1	05/26/17 11:13	5/25/17	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Benzo(b)fluoranthene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Benzo(g,h,i)perylene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Benzo(k)fluoranthene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Biphenyl	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Bis(2-chloroethoxy)methane	9.4 U	9.4	2.2	1	05/26/17 11:13	5/25/17	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	05/26/17 11:13	5/25/17	
Bis(2-ethylhexyl) Phthalate	9.4 U	9.4	1.2	1	05/26/17 11:13	5/25/17	
Butyl Benzyl Phthalate	9.4 U	9.4	2.4	1	05/26/17 11:13	5/25/17	
Caprolactam	9.4 U	9.4	1.8	1	05/26/17 11:13	5/25/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-14	**Units:**	ug/L
Lab Code:	R1704686-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.1	1	05/26/17 11:13	5/25/17	
Chrysene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Di-n-butyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Di-n-octyl Phthalate	9.4 U	9.4	1.2	1	05/26/17 11:13	5/25/17	
Dibenz(a,h)anthracene	9.4 U	9.4	1.3	1	05/26/17 11:13	5/25/17	
Dibenzofuran	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Diethyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Dimethyl Phthalate	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Fluoranthene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Fluorene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Hexachlorobenzene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Hexachlorobutadiene	9.4 U	9.4	1.3	1	05/26/17 11:13	5/25/17	
Hexachlorocyclopentadiene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Hexachloroethane	9.4 U	9.4	1.2	1	05/26/17 11:13	5/25/17	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	05/26/17 11:13	5/25/17	
Isophorone	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.3	1	05/26/17 11:13	5/25/17	
N-Nitrosodiphenylamine	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Naphthalene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Nitrobenzene	9.4 U	9.4	1.6	1	05/26/17 11:13	5/25/17	
Pentachlorophenol (PCP)	47 U	47	6.9	1	05/26/17 11:13	5/25/17	
Phenanthrene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Phenol	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	
Pyrene	9.4 U	9.4	1.0	1	05/26/17 11:13	5/25/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	94	35 - 141	05/26/17 11:13	
2-Fluorobiphenyl	79	31 - 118	05/26/17 11:13	
2-Fluorophenol	39	10 - 105	05/26/17 11:13	
Nitrobenzene-d5	81	31 - 110	05/26/17 11:13	
Phenol-d6	28	10 - 107	05/26/17 11:13	
Terphenyl-d14	87	30 - 133	05/26/17 11:13	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-08	**Units:**	ug/L
Lab Code:	R1704686-001	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
4,4'-DDE	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
4,4'-DDT	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Aldrin	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Dieldrin	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Endosulfan I	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Endosulfan II	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Endrin	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Endrin Aldehyde	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Endrin Ketone	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Heptachlor	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Methoxychlor	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
Toxaphene	0.47 U	0.47	0.27	1	05/31/17 10:20	5/26/17	
alpha-BHC	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
alpha-Chlordane	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
beta-BHC	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
delta-BHC	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	
gamma-Chlordane	0.047 U	0.047	0.020	1	05/31/17 10:20	5/26/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	42	10 - 164	05/31/17 10:20	
Tetrachloro-m-xylene	50	10 - 147	05/31/17 10:20	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 08:50
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-10	**Units:**	ug/L
Lab Code:	R1704686-003	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
4,4'-DDE	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
4,4'-DDT	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Aldrin	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Dieldrin	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Endosulfan I	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Endosulfan II	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Endrin	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Endrin Aldehyde	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Endrin Ketone	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Heptachlor	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Methoxychlor	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
Toxaphene	0.47 U	0.47	0.27	1	05/31/17 10:38	5/26/17	
alpha-BHC	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
alpha-Chlordane	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
beta-BHC	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
delta-BHC	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	
gamma-Chlordane	0.047 U	0.047	0.020	1	05/31/17 10:38	5/26/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	49	10 - 164	05/31/17 10:38	
Tetrachloro-m-xylene	55	10 - 147	05/31/17 10:38	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:00
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-13	**Units:**	ug/L
Lab Code:	R1704686-005	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
4,4'-DDE	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
4,4'-DDT	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Aldrin	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Dieldrin	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Endosulfan I	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Endosulfan II	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Endrin	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Endrin Aldehyde	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Endrin Ketone	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Heptachlor	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Methoxychlor	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
Toxaphene	0.47 U	0.47	0.27	1	05/31/17 10:56	5/26/17	
alpha-BHC	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
alpha-Chlordane	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
beta-BHC	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
delta-BHC	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	
gamma-Chlordane	0.047 U	0.047	0.020	1	05/31/17 10:56	5/26/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	52	10 - 164	05/31/17 10:56	
Tetrachloro-m-xylene	61	10 - 147	05/31/17 10:56	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-14	**Units:**	ug/L
Lab Code:	R1704686-007	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
4,4'-DDE	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
4,4'-DDT	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Aldrin	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Dieldrin	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Endosulfan I	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Endosulfan II	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Endosulfan Sulfate	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Endrin	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Endrin Aldehyde	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Endrin Ketone	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Heptachlor	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Heptachlor Epoxide	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Methoxychlor	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
Toxaphene	0.47 U	0.47	0.27	1	05/31/17 11:14	5/26/17	
alpha-BHC	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
alpha-Chlordane	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
beta-BHC	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
delta-BHC	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
gamma-BHC (Lindane)	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	
gamma-Chlordane	0.047 U	0.047	0.020	1	05/31/17 11:14	5/26/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10 - 164	05/31/17 11:14	
Tetrachloro-m-xylene	62	10 - 147	05/31/17 11:14	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-08	**Units:**	ug/L
Lab Code:	R1704686-001	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	05/31/17 16:18	5/30/17	
Aroclor 1221	0.047 U	0.047	0.034	1	05/31/17 16:18	5/30/17	
Aroclor 1232	0.047 U	0.047	0.025	1	05/31/17 16:18	5/30/17	
Aroclor 1242	0.047 U	0.047	0.025	1	05/31/17 16:18	5/30/17	
Aroclor 1248	**0.063**	0.047	0.025	1	05/31/17 16:18	5/30/17	
Aroclor 1254	**0.093**	0.047	0.025	1	05/31/17 16:18	5/30/17	
Aroclor 1260	0.047 U	0.047	0.025	1	05/31/17 16:18	5/30/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	55	10 - 125	05/31/17 16:18	
Tetrachloro-m-xylene	58	18 - 126	05/31/17 16:18	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-08 Dissolved	**Units:**	ug/L
Lab Code:	R1704686-002	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	05/31/17 16:37	5/30/17	
Aroclor 1221	0.047 U	0.047	0.034	1	05/31/17 16:37	5/30/17	
Aroclor 1232	0.047 U	0.047	0.025	1	05/31/17 16:37	5/30/17	
Aroclor 1242	0.047 U	0.047	0.025	1	05/31/17 16:37	5/30/17	
Aroclor 1248	0.047 U	0.047	0.025	1	05/31/17 16:37	5/30/17	
Aroclor 1254	0.047 U	0.047	0.025	1	05/31/17 16:37	5/30/17	
Aroclor 1260	0.047 U	0.047	0.025	1	05/31/17 16:37	5/30/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	80	10 - 125	05/31/17 16:37	
Tetrachloro-m-xylene	76	18 - 126	05/31/17 16:37	

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dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 08:50
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-10	**Units:**	ug/L
Lab Code:	R1704686-003	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	05/31/17 16:57	5/30/17	
Aroclor 1221	0.047 U	0.047	0.034	1	05/31/17 16:57	5/30/17	
Aroclor 1232	0.047 U	0.047	0.025	1	05/31/17 16:57	5/30/17	
Aroclor 1242	0.047 U	0.047	0.025	1	05/31/17 16:57	5/30/17	
Aroclor 1248	0.047 U	0.047	0.025	1	05/31/17 16:57	5/30/17	
Aroclor 1254	**0.026 J**	0.047	0.025	1	05/31/17 16:57	5/30/17	
Aroclor 1260	0.047 U	0.047	0.025	1	05/31/17 16:57	5/30/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	65	10 - 125	05/31/17 16:57	
Tetrachloro-m-xylene	63	18 - 126	05/31/17 16:57	

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dba ALS Environmental

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 08:50
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-10 Dissolved	**Units:**	ug/L
Lab Code:	R1704686-004	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	05/31/17 17:17	5/30/17	
Aroclor 1221	0.047 U	0.047	0.034	1	05/31/17 17:17	5/30/17	
Aroclor 1232	0.047 U	0.047	0.025	1	05/31/17 17:17	5/30/17	
Aroclor 1242	0.047 U	0.047	0.025	1	05/31/17 17:17	5/30/17	
Aroclor 1248	0.047 U	0.047	0.025	1	05/31/17 17:17	5/30/17	
Aroclor 1254	0.047 U	0.047	0.025	1	05/31/17 17:17	5/30/17	
Aroclor 1260	0.047 U	0.047	0.025	1	05/31/17 17:17	5/30/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	10 - 125	05/31/17 17:17	
Tetrachloro-m-xylene	64	18 - 126	05/31/17 17:17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:00
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-13	**Units:**	ug/L
Lab Code:	R1704686-005	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	05/31/17 17:36	5/30/17	
Aroclor 1221	0.047 U	0.047	0.034	1	05/31/17 17:36	5/30/17	
Aroclor 1232	0.047 U	0.047	0.025	1	05/31/17 17:36	5/30/17	
Aroclor 1242	0.047 U	0.047	0.025	1	05/31/17 17:36	5/30/17	
Aroclor 1248	0.047 U	0.047	0.025	1	05/31/17 17:36	5/30/17	
Aroclor 1254	0.047 U	0.047	0.025	1	05/31/17 17:36	5/30/17	
Aroclor 1260	0.047 U	0.047	0.025	1	05/31/17 17:36	5/30/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	66	10 - 125	05/31/17 17:36	
Tetrachloro-m-xylene	64	18 - 126	05/31/17 17:36	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:00
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-13 Dissolved	**Units:**	ug/L
Lab Code:	R1704686-006	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	05/31/17 17:56	5/30/17	
Aroclor 1221	0.047 U	0.047	0.034	1	05/31/17 17:56	5/30/17	
Aroclor 1232	0.047 U	0.047	0.025	1	05/31/17 17:56	5/30/17	
Aroclor 1242	0.047 U	0.047	0.025	1	05/31/17 17:56	5/30/17	
Aroclor 1248	0.047 U	0.047	0.025	1	05/31/17 17:56	5/30/17	
Aroclor 1254	0.047 U	0.047	0.025	1	05/31/17 17:56	5/30/17	
Aroclor 1260	0.047 U	0.047	0.025	1	05/31/17 17:56	5/30/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	76	10 - 125	05/31/17 17:56	
Tetrachloro-m-xylene	71	18 - 126	05/31/17 17:56	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-14	**Units:**	ug/L
Lab Code:	R1704686-007	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	05/31/17 18:35	5/30/17	
Aroclor 1221	0.047 U	0.047	0.034	1	05/31/17 18:35	5/30/17	
Aroclor 1232	0.047 U	0.047	0.025	1	05/31/17 18:35	5/30/17	
Aroclor 1242	0.047 U	0.047	0.025	1	05/31/17 18:35	5/30/17	
Aroclor 1248	0.047 U	0.047	0.025	1	05/31/17 18:35	5/30/17	
Aroclor 1254	0.047 U	0.047	0.025	1	05/31/17 18:35	5/30/17	
Aroclor 1260	0.047 U	0.047	0.025	1	05/31/17 18:35	5/30/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	61	10 - 125	05/31/17 18:35	
Tetrachloro-m-xylene	61	18 - 126	05/31/17 18:35	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-14 Dissolved	**Units:**	ug/L
Lab Code:	R1704686-008	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	05/31/17 18:54	5/30/17	
Aroclor 1221	0.047 U	0.047	0.034	1	05/31/17 18:54	5/30/17	
Aroclor 1232	0.047 U	0.047	0.025	1	05/31/17 18:54	5/30/17	
Aroclor 1242	0.047 U	0.047	0.025	1	05/31/17 18:54	5/30/17	
Aroclor 1248	0.047 U	0.047	0.025	1	05/31/17 18:54	5/30/17	
Aroclor 1254	0.047 U	0.047	0.025	1	05/31/17 18:54	5/30/17	
Aroclor 1260	0.047 U	0.047	0.025	1	05/31/17 18:54	5/30/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	79	10 - 125	05/31/17 18:54	
Tetrachloro-m-xylene	73	18 - 126	05/31/17 18:54	

Metals

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www.alsglobal.com

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-WS-08
Project No.: R1704686
Date Collected: 5/23/2017
Project Name:
Date Received: 5/24/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-WS-08 **Lab Code:** R1704686-001

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	523		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	199		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	0.400	J	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	106000		
Chromium	6010C	10.0	0.270	1.0	10.0	U	
Cobalt	6010C	50.0	1.1	1.0	50.0	U	
Copper	6010C	20.0	0.619	1.0	7.6	J	
Iron	6010C	100	3.9	1.0	1640		
Lead	6010C	5.0	2.1	1.0	5.0	U	
Magnesium	6010C	1000	4.2	1.0	31300		
Manganese	6010C	10.0	0.567	1.0	1560		
Nickel	6010C	40.0	1.1	1.0	40.0	U	
Potassium	6010C	2000	43.7	1.0	2850		
Selenium	6010C	10.0	3.3	1.0	4.7	J	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	15700		
Thallium	6010C	10.0	2.1	1.0	2.8	J	
Vanadium	6010C	50.0	0.909	1.0	1.5	J	
Zinc	6010C	20.0	1.7	1.0	79.5		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1704686
Project Name:
Matrix: WATER

Service Request: FT-WS-08
Date Collected: 5/23/2017
Date Received: 5/24/2017
Units: ug/L
Basis:

Sample Name: FT-WS-08 Dissolved
Lab Code: R1704686-002

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	37.4	J	
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	186		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	5.0	U	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	104000		
Chromium	6010C	10.0	0.270	1.0	0.500	J	
Cobalt	6010C	50.0	1.1	1.0	50.0	U	
Copper	6010C	20.0	0.619	1.0	1.9	J	
Iron	6010C	100	3.9	1.0	20.3	J	
Lead	6010C	5.0	2.1	1.0	5.0	U	
Magnesium	6010C	1000	4.2	1.0	31400		
Manganese	6010C	10.0	0.567	1.0	537		
Nickel	6010C	40.0	1.1	1.0	40.0	U	
Potassium	6010C	2000	43.7	1.0	2700		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	15900		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	50.0	U	
Zinc	6010C	20.0	1.7	1.0	11.9	J	

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1704686
Project Name:
Matrix: WATER

Service Request: FT-WS-08
Date Collected: 5/24/2017
Date Received: 5/24/2017
Units: ug/L
Basis:

Sample Name: FT-WS-10 **Lab Code:** R1704686-003

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	689		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	151		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	0.900	J	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	108000		
Chromium	6010C	10.0	0.270	1.0	10.0	U	
Cobalt	6010C	50.0	1.1	1.0	4.0	J	
Copper	6010C	20.0	0.619	1.0	8.7	J	
Iron	6010C	100	3.9	1.0	10300		
Lead	6010C	5.0	2.1	1.0	2.1	J	
Magnesium	6010C	1000	4.2	1.0	29900		
Manganese	6010C	10.0	0.567	1.0	5750		
Nickel	6010C	40.0	1.1	1.0	40.0	U	
Potassium	6010C	2000	43.7	1.0	2780		
Selenium	6010C	10.0	3.3	1.0	4.3	J	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	21000		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	3.0	J	
Zinc	6010C	20.0	1.7	1.0	133		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1704686
Project Name:
Matrix: WATER

Service Request: FT-WS-08
Date Collected: 5/24/2017
Date Received: 5/24/2017
Units: ug/L
Basis:

Sample Name: FT-WS-10 Dissolved **Lab Code:** R1704686-004

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	44.3	J	
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	53.2		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	5.0	U	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	102000		
Chromium	6010C	10.0	0.270	1.0	10.0	U	
Cobalt	6010C	50.0	1.1	1.0	50.0	U	
Copper	6010C	20.0	0.619	1.0	2.3	J	
Iron	6010C	100	3.9	1.0	69.2	J	
Lead	6010C	5.0	2.1	1.0	5.0	U	
Magnesium	6010C	1000	4.2	1.0	29400		
Manganese	6010C	10.0	0.567	1.0	172		
Nickel	6010C	40.0	1.1	1.0	1.3	J	
Potassium	6010C	2000	43.7	1.0	2480		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	20700		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	50.0	U	
Zinc	6010C	20.0	1.7	1.0	7.9	J	

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1704686
Project Name:
Matrix: WATER

Service Request: FT-WS-08
Date Collected: 5/24/2017
Date Received: 5/24/2017
Units: ug/L
Basis:

Sample Name: FT-WS-13 **Lab Code:** R1704686-005

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	618		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	85.5		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	5.0	U	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	39500		
Chromium	6010C	10.0	0.270	1.0	0.500	J	
Cobalt	6010C	50.0	1.1	1.0	50.0	U	
Copper	6010C	20.0	0.619	1.0	2.6	J	
Iron	6010C	100	3.9	1.0	3250		
Lead	6010C	5.0	2.1	1.0	5.0	U	
Magnesium	6010C	1000	4.2	1.0	6710		
Manganese	6010C	10.0	0.567	1.0	1410		
Nickel	6010C	40.0	1.1	1.0	40.0	U	
Potassium	6010C	2000	43.7	1.0	1750	J	
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	1070		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	2.0	J	
Zinc	6010C	20.0	1.7	1.0	30.4		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1704686
Project Name:
Matrix: WATER

Service Request: FT-WS-08
Date Collected: 5/24/2017
Date Received: 5/24/2017
Units: ug/L
Basis:

Sample Name: FT-WS-13 Dissolved
Lab Code: R1704686-006

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	39.5	J	
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	37.4		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	5.0	U	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	38500		
Chromium	6010C	10.0	0.270	1.0	10.0	U	
Cobalt	6010C	50.0	1.1	1.0	50.0	U	
Copper	6010C	20.0	0.619	1.0	2.2	J	
Iron	6010C	100	3.9	1.0	355		
Lead	6010C	5.0	2.1	1.0	5.0	U	
Magnesium	6010C	1000	4.2	1.0	6440		
Manganese	6010C	10.0	0.567	1.0	82.4		
Nickel	6010C	40.0	1.1	1.0	40.0	U	
Potassium	6010C	2000	43.7	1.0	524	J	
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	1060		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	50.0	U	
Zinc	6010C	20.0	1.7	1.0	4.1	J	

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1704686
Project Name:
Matrix: WATER

Service Request: FT-WS-08
Date Collected: 5/24/2017
Date Received: 5/24/2017
Units: ug/L
Basis:

Sample Name: FT-WS-14 **Lab Code:** R1704686-007

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	247		
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	65.0		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	5.0	U	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	25500		
Chromium	6010C	10.0	0.270	1.0	10.0	U	
Cobalt	6010C	50.0	1.1	1.0	50.0	U	
Copper	6010C	20.0	0.619	1.0	1.7	J	
Iron	6010C	100	3.9	1.0	754		
Lead	6010C	5.0	2.1	1.0	5.0	U	
Magnesium	6010C	1000	4.2	1.0	6210		
Manganese	6010C	10.0	0.567	1.0	116		
Nickel	6010C	40.0	1.1	1.0	40.0	U	
Potassium	6010C	2000	43.7	1.0	241	J	
Selenium	6010C	10.0	3.3	1.0	4.9	J	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	2780		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	1.2	J	
Zinc	6010C	20.0	1.7	1.0	6.7	J	

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Project No.: R1704686
Project Name:
Matrix: WATER

Service Request: FT-WS-08
Date Collected: 5/24/2017
Date Received: 5/24/2017
Units: ug/L
Basis:

Sample Name: FT-WS-14 Dissolved
Lab Code: R1704686-008

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	9.2	1.0	27.6	J	
Antimony	6010C	60.0	5.0	1.0	60.0	U	
Arsenic	6010C	10.0	4.9	1.0	10.0	U	
Barium	6010C	20.0	1.3	1.0	58.2		
Beryllium	6010C	3.0	0.120	1.0	3.0	U	
Cadmium	6010C	5.0	0.196	1.0	5.0	U	
Mercury	7470A	0.200	0.040	1.0	0.200	U	
Calcium	6010C	1000	128	1.0	27300		
Chromium	6010C	10.0	0.270	1.0	10.0	U	
Cobalt	6010C	50.0	1.1	1.0	50.0	U	
Copper	6010C	20.0	0.619	1.0	2.4	J	
Iron	6010C	100	3.9	1.0	355		
Lead	6010C	5.0	2.1	1.0	5.0	U	
Magnesium	6010C	1000	4.2	1.0	6190		
Manganese	6010C	10.0	0.567	1.0	5.7	J	
Nickel	6010C	40.0	1.1	1.0	40.0	U	
Potassium	6010C	2000	43.7	1.0	132	J	
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	0.463	1.0	10.0	U	
Sodium	6010C	1000	69.2	1.0	2840		
Thallium	6010C	10.0	2.1	1.0	10.0	U	
Vanadium	6010C	50.0	0.909	1.0	1.0	J	
Zinc	6010C	20.0	1.7	1.0	3.8	J	

% Solids: 0.0

Comments:

General Chemistry

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-08	**Basis:**	NA
Lab Code:	R1704686-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	06/02/17 10:04	05/31/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/23/17 15:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-08 Dissolved	**Basis:**	NA
Lab Code:	R1704686-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	06/02/17 09:59	05/31/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 08:50
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-10	**Basis:**	NA
Lab Code:	R1704686-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.003 J**	mg/L	0.010	0.002	1	06/02/17 10:05	05/31/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 08:50
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-10 Dissolved	**Basis:**	NA
Lab Code:	R1704686-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	06/02/17 10:00	05/31/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:00
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-13	**Basis:**	NA
Lab Code:	R1704686-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	06/02/17 10:06	05/31/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:00
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-13 Dissolved	**Basis:**	NA
Lab Code:	R1704686-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	06/02/17 10:03	05/31/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-14	**Basis:**	NA
Lab Code:	R1704686-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	06/02/17 10:06	05/31/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17 10:15
Sample Matrix:	Water	**Date Received:**	05/24/17 13:05
Sample Name:	FT-WS-14 Dissolved	**Basis:**	NA
Lab Code:	R1704686-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	**0.003 J**	mg/L	0.010	0.002	1	06/02/17 10:03	05/31/17	

QC Summary Forms

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Volatile Organic Compounds by GC/MS

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1704686
Project: Fortino Tire
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 89 - 119	Toluene-d8 87 - 121
FT-WS-08	R1704686-001	104	105	113
FT-WS-10	R1704686-003	105	106	113
FT-WS-13	R1704686-005	105	109	113
FT-WS-14	R1704686-007	106	109	113
TRIP BLANK	R1704686-009	104	105	114
Lab Control Sample	RQ1704747-03	105	107	112
Method Blank	RQ1704747-04	105	106	112

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1704747-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	05/25/17 12:08	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	05/25/17 12:08	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	05/25/17 12:08	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	05/25/17 12:08	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	05/25/17 12:08	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	05/25/17 12:08	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	05/25/17 12:08	
1,2,4-Trichlorobenzene	**0.27 J**	1.0	0.23	1	05/25/17 12:08	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	05/25/17 12:08	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	05/25/17 12:08	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	05/25/17 12:08	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	05/25/17 12:08	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	05/25/17 12:08	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	05/25/17 12:08	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	05/25/17 12:08	
1,4-Dioxane	40 U	40	20	1	05/25/17 12:08	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	05/25/17 12:08	
2-Hexanone	5.0 U	5.0	1.7	1	05/25/17 12:08	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	05/25/17 12:08	
Acetone	**2.4 J**	5.0	1.3	1	05/25/17 12:08	
Benzene	1.0 U	1.0	0.20	1	05/25/17 12:08	
Bromochloromethane	1.0 U	1.0	0.32	1	05/25/17 12:08	
Bromodichloromethane	1.0 U	1.0	0.32	1	05/25/17 12:08	
Bromoform	1.0 U	1.0	0.42	1	05/25/17 12:08	
Bromomethane	**0.39 J**	1.0	0.29	1	05/25/17 12:08	
Carbon Disulfide	1.0 U	1.0	0.22	1	05/25/17 12:08	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	05/25/17 12:08	
Chlorobenzene	1.0 U	1.0	0.29	1	05/25/17 12:08	
Chloroethane	1.0 U	1.0	0.24	1	05/25/17 12:08	
Chloroform	1.0 U	1.0	0.25	1	05/25/17 12:08	
Chloromethane	1.0 U	1.0	0.21	1	05/25/17 12:08	
Cyclohexane	1.0 U	1.0	0.25	1	05/25/17 12:08	
Dibromochloromethane	1.0 U	1.0	0.31	1	05/25/17 12:08	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	05/25/17 12:08	
Dichloromethane	1.0 U	1.0	0.60	1	05/25/17 12:08	
Ethylbenzene	1.0 U	1.0	0.20	1	05/25/17 12:08	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	05/25/17 12:08	
Methyl Acetate	2.0 U	2.0	0.43	1	05/25/17 12:08	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	05/25/17 12:08	
Methylcyclohexane	1.0 U	1.0	0.27	1	05/25/17 12:08	
Styrene	1.0 U	1.0	0.20	1	05/25/17 12:08	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	05/25/17 12:08	
Toluene	1.0 U	1.0	0.20	1	05/25/17 12:08	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1704747-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	05/25/17 12:08	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	05/25/17 12:08	
Vinyl Chloride	1.0 U	1.0	0.32	1	05/25/17 12:08	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	05/25/17 12:08	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	05/25/17 12:08	
m,p-Xylenes	2.0 U	2.0	0.33	1	05/25/17 12:08	
o-Xylene	1.0 U	1.0	0.20	1	05/25/17 12:08	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	05/25/17 12:08	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	05/25/17 12:08	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	05/25/17 12:08	
Dibromofluoromethane	106	89 - 119	05/25/17 12:08	
Toluene-d8	112	87 - 121	05/25/17 12:08	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Water

Service Request: R1704686
Date Analyzed: 05/25/17

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1704747-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	21.4	20.0	107	74-120
1,1,2,2-Tetrachloroethane	8260C	20.4	20.0	102	78-122
1,1,2-Trichloroethane	8260C	20.1	20.0	100	82-118
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	20.3	20.0	101	75-124
1,1-Dichloroethane (1,1-DCA)	8260C	21.3	20.0	107	78-117
1,1-Dichloroethene (1,1-DCE)	8260C	19.6	20.0	98	74-135
1,2,3-Trichlorobenzene	8260C	19.6	20.0	98	56-164
1,2,4-Trichlorobenzene	8260C	20.8	20.0	104	68-147
1,2-Dibromo-3-chloropropane (DBCP)	8260C	15.8	20.0	79	55-149
1,2-Dibromoethane	8260C	20.5	20.0	102	81-125
1,2-Dichlorobenzene	8260C	21.1	20.0	106	80-119
1,2-Dichloroethane	8260C	21.7	20.0	109	71-127
1,2-Dichloropropane	8260C	20.9	20.0	104	80-119
1,3-Dichlorobenzene	8260C	21.2	20.0	106	79-121
1,4-Dichlorobenzene	8260C	20.9	20.0	104	79-119
1,4-Dioxane	8260C	367	400	92	69-151
2-Butanone (MEK)	8260C	20.5	20.0	102	61-137
2-Hexanone	8260C	19.1	20.0	96	63-124
4-Methyl-2-pentanone	8260C	18.7	20.0	94	66-124
Acetone	8260C	23.3	20.0	117	40-161
Benzene	8260C	20.9	20.0	104	76-118
Bromochloromethane	8260C	20.0	20.0	100	81-126
Bromodichloromethane	8260C	20.2	20.0	101	78-126
Bromoform	8260C	17.9	20.0	90	71-136
Bromomethane	8260C	22.4	20.0	112	42-166
Carbon Disulfide	8260C	19.9	20.0	99	65-127
Carbon Tetrachloride	8260C	20.7	20.0	104	68-125
Chlorobenzene	8260C	21.2	20.0	106	80-121
Chloroethane	8260C	23.2	20.0	116	70-127
Chloroform	8260C	20.4	20.0	102	76-120
Chloromethane	8260C	22.7	20.0	113	69-145
Cyclohexane	8260C	19.5	20.0	98	63-121
Dibromochloromethane	8260C	19.0	20.0	95	77-128

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Water

Service Request: R1704686
Date Analyzed: 05/25/17

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1704747-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	28.1	20.0	141	65-152
Dichloromethane	8260C	20.8	20.0	104	73-122
Ethylbenzene	8260C	21.5	20.0	107	76-120
Isopropylbenzene (Cumene)	8260C	22.6	20.0	113	78-126
Methyl Acetate	8260C	14.2	20.0	71	62-131
Methyl tert-Butyl Ether	8260C	18.7	20.0	94	78-125
Methylcyclohexane	8260C	19.2	20.0	96	51-129
Styrene	8260C	21.8	20.0	109	80-124
Tetrachloroethene (PCE)	8260C	21.0	20.0	105	78-124
Toluene	8260C	21.4	20.0	107	77-120
Trichloroethene (TCE)	8260C	19.8	20.0	99	78-123
Trichlorofluoromethane (CFC 11)	8260C	25.9	20.0	129 *	68-126
Vinyl Chloride	8260C	29.1	20.0	146 *	69-133
cis-1,2-Dichloroethene	8260C	20.3	20.0	101	80-121
cis-1,3-Dichloropropene	8260C	19.2	20.0	96	74-126
m,p-Xylenes	8260C	44.0	40.0	110	78-123
o-Xylene	8260C	22.1	20.0	111	80-120
trans-1,2-Dichloroethene	8260C	19.8	20.0	99	80-120
trans-1,3-Dichloropropene	8260C	19.3	20.0	97	67-135

Semivolatile Organic Compounds by GC/MS

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1704686
Project: Fortino Tire
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 35 - 141	2-Fluorobiphenyl 31 - 118	2-Fluorophenol 10 - 105
FT-WS-08	R1704686-001	90	77	34
FT-WS-10	R1704686-003	82	76	34
FT-WS-13	R1704686-005	85	74	35
FT-WS-14	R1704686-007	94	79	39
Method Blank	RQ1704724-01	98	77	41
Lab Control Sample	RQ1704724-02	81	73	44
Duplicate Lab Control Sample	RQ1704724-03	88	78	45

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1704686
Project: Fortino Tire
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3510C

		Nitrobenzene-d5	Phenol-d6	Terphenyl-d14
Sample Name	**Lab Code**	**31 - 110**	**10 - 107**	**30 - 133**
FT-WS-08	R1704686-001	79	25	87
FT-WS-10	R1704686-003	77	25	85
FT-WS-13	R1704686-005	73	26	89
FT-WS-14	R1704686-007	81	28	87
Method Blank	RQ1704724-01	78	29	95
Lab Control Sample	RQ1704724-02	72	33	95
Duplicate Lab Control Sample	RQ1704724-03	72	35	99

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1704724-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	10 U	10	1.9	1	05/26/17 06:59	5/25/17	
2,3,4,6-Tetrachlorophenol	10 U	10	2.0	1	05/26/17 06:59	5/25/17	
2,4,5-Trichlorophenol	10 U	10	1.8	1	05/26/17 06:59	5/25/17	
2,4,6-Trichlorophenol	10 U	10	1.4	1	05/26/17 06:59	5/25/17	
2,4-Dichlorophenol	10 U	10	1.3	1	05/26/17 06:59	5/25/17	
2,4-Dimethylphenol	10 U	10	1.5	1	05/26/17 06:59	5/25/17	
2,4-Dinitrophenol	50 U	50	20	1	05/26/17 06:59	5/25/17	
2,4-Dinitrotoluene	10 U	10	1.6	1	05/26/17 06:59	5/25/17	
2,6-Dinitrotoluene	10 U	10	1.8	1	05/26/17 06:59	5/25/17	
2-Chloronaphthalene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
2-Chlorophenol	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
2-Methylnaphthalene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
2-Methylphenol	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
2-Nitroaniline	50 U	50	9.1	1	05/26/17 06:59	5/25/17	
2-Nitrophenol	10 U	10	1.4	1	05/26/17 06:59	5/25/17	
3,3'-Dichlorobenzidine	10 U	10	4.5	1	05/26/17 06:59	5/25/17	
3- and 4-Methylphenol Coelution	10 U	10	2.0	1	05/26/17 06:59	5/25/17	
3-Nitroaniline	50 U	50	7.7	1	05/26/17 06:59	5/25/17	
4,6-Dinitro-2-methylphenol	50 U	50	11	1	05/26/17 06:59	5/25/17	
4-Bromophenyl Phenyl Ether	10 U	10	2.2	1	05/26/17 06:59	5/25/17	
4-Chloro-3-methylphenol	10 U	10	1.2	1	05/26/17 06:59	5/25/17	
4-Chloroaniline	10 U	10	1.5	1	05/26/17 06:59	5/25/17	
4-Chlorophenyl Phenyl Ether	10 U	10	1.2	1	05/26/17 06:59	5/25/17	
4-Nitroaniline	50 U	50	7.8	1	05/26/17 06:59	5/25/17	
4-Nitrophenol	50 U	50	5.9	1	05/26/17 06:59	5/25/17	
Acenaphthene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Acenaphthylene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Acetophenone	10 U	10	1.6	1	05/26/17 06:59	5/25/17	
Anthracene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Atrazine	10 U	10	2.7	1	05/26/17 06:59	5/25/17	
Benz(a)anthracene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Benzaldehyde	50 U	50	3.3	1	05/26/17 06:59	5/25/17	
Benzo(a)pyrene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Benzo(b)fluoranthene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Benzo(g,h,i)perylene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Benzo(k)fluoranthene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Biphenyl	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Bis(2-chloroethoxy)methane	10 U	10	2.2	1	05/26/17 06:59	5/25/17	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	05/26/17 06:59	5/25/17	
Bis(2-ethylhexyl) Phthalate	10 U	10	1.2	1	05/26/17 06:59	5/25/17	
Butyl Benzyl Phthalate	10 U	10	2.4	1	05/26/17 06:59	5/25/17	
Caprolactam	10 U	10	1.8	1	05/26/17 06:59	5/25/17	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1704724-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	10 U	10	1.1	1	05/26/17 06:59	5/25/17	
Chrysene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Di-n-butyl Phthalate	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Di-n-octyl Phthalate	10 U	10	1.2	1	05/26/17 06:59	5/25/17	
Dibenz(a,h)anthracene	10 U	10	1.3	1	05/26/17 06:59	5/25/17	
Dibenzofuran	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Diethyl Phthalate	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Dimethyl Phthalate	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Fluoranthene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Fluorene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Hexachlorobenzene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Hexachlorobutadiene	10 U	10	1.3	1	05/26/17 06:59	5/25/17	
Hexachlorocyclopentadiene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Hexachloroethane	10 U	10	1.2	1	05/26/17 06:59	5/25/17	
Indeno(1,2,3-cd)pyrene	10 U	10	1.2	1	05/26/17 06:59	5/25/17	
Isophorone	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
N-Nitrosodi-n-propylamine	10 U	10	1.3	1	05/26/17 06:59	5/25/17	
N-Nitrosodiphenylamine	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Naphthalene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Nitrobenzene	10 U	10	1.6	1	05/26/17 06:59	5/25/17	
Pentachlorophenol (PCP)	50 U	50	6.9	1	05/26/17 06:59	5/25/17	
Phenanthrene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Phenol	10 U	10	1.0	1	05/26/17 06:59	5/25/17	
Pyrene	10 U	10	1.0	1	05/26/17 06:59	5/25/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	98	35 - 141	05/26/17 06:59	
2-Fluorobiphenyl	77	31 - 118	05/26/17 06:59	
2-Fluorophenol	41	10 - 105	05/26/17 06:59	
Nitrobenzene-d5	78	31 - 110	05/26/17 06:59	
Phenol-d6	29	10 - 107	05/26/17 06:59	
Terphenyl-d14	95	30 - 133	05/26/17 06:59	

Tentatively Identified Compounds

CAS#	Compound Identification	RT	Result ug/L	Q
	No Tentatively Identified Compounds Detected			

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Water

Service Request: R1704686
Date Analyzed: 05/26/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1704724-02			RQ1704724-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
2,3,4,6-Tetrachlorophenol	8270D	89.7	100	90	94.9	100	95	59-150	5	30
2,4,5-Trichlorophenol	8270D	95.4	100	95	102	100	102	63-121	7	30
2,4,6-Trichlorophenol	8270D	95.8	100	96	102	100	102	64-116	6	30
2,4-Dichlorophenol	8270D	86.5	100	87	89.5	100	90	52-111	3	30
2,4-Dimethylphenol	8270D	83.9	100	84	86.6	100	87	44-114	4	30
2,4-Dinitrophenol	8270D	104	100	104	112	100	112	10-160	7	30
2,4-Dinitrotoluene	8270D	100	100	100	106	100	106	62-142	6	30
2,6-Dinitrotoluene	8270D	96.4	100	96	104	100	104	61-139	8	30
2-Chloronaphthalene	8270D	87.3	100	87	92.6	100	93	53-98	7	30
2-Chlorophenol	8270D	84.4	100	84	86.2	100	86	42-112	2	30
2-Methylnaphthalene	8270D	75.2	100	75	78.4	100	78	34-102	4	30
2-Methylphenol	8270D	76.3	100	76	80.3	100	80	59-104	5	30
2-Nitroaniline	8270D	96.1	100	96	104	100	104	52-133	8	30
2-Nitrophenol	8270D	91.2	100	91	90.8	100	91	51-115	<1	30
3,3'-Dichlorobenzidine	8270D	106	100	106	109	100	109	45-122	3	30
3- and 4-Methylphenol Coelution	8270D	73.1	100	73	77.7	100	78	50-111	7	30
3-Nitroaniline	8270D	82.1	100	82	86.1	100	86	48-115	5	30
4,6-Dinitro-2-methylphenol	8270D	105	100	105	113	100	113	35-168	7	30
4-Bromophenyl Phenyl Ether	8270D	87.9	100	88	95.1	100	95	65-113	8	30
4-Chloro-3-methylphenol	8270D	88.3	100	88	92.2	100	92	52-113	4	30
4-Chloroaniline	8270D	81.1	100	81	83.5	100	84	47-104	4	30
4-Chlorophenyl Phenyl Ether	8270D	85.5	100	86	92.3	100	92	61-110	7	30
4-Nitroaniline	8270D	87.3	100	87	92.1	100	92	54-133	6	30
4-Nitrophenol	8270D	39.5 J	100	39	44.1 J	100	44	10-126	12	30
Acenaphthene	8270D	89.5	100	89	95.7	100	96	54-125	8	30
Acenaphthylene	8270D	93.0	100	93	98.2	100	98	60-106	5	30
Acetophenone	8270D	159	200	79	166	200	83	46-114	5	30
Anthracene	8270D	100	100	100	105	100	105	55-116	5	30
Atrazine	8270D	121	100	121	125	100	125	60-158	3	30
Benz(a)anthracene	8270D	102	100	102	107	100	107	66-110	5	30
Benzaldehyde	8270D	98.7	100	99	98.6	100	99	46-200	<1	30
Benzo(a)pyrene	8270D	102	100	102	108	100	108	44-114	6	30
Benzo(b)fluoranthene	8270D	96.4	100	96	101	100	101	69-117	5	30

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Water

Service Request: R1704686
Date Analyzed: 05/26/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1704724-02			RQ1704724-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(g,h,i)perylene	8270D	109	100	109	114	100	114	63-136	4	30
Benzo(k)fluoranthene	8270D	96.8	100	97	103	100	103	49-133	6	30
Biphenyl	8270D	82.2	100	82	85.4	100	85	39-106	4	30
2,2'-Oxybis(1-chloropropane)	8270D	84.2	100	84	86.6	100	87	47-132	4	30
Bis(2-chloroethoxy)methane	8270D	87.1	100	87	89.8	100	90	55-110	3	30
Bis(2-chloroethyl) Ether	8270D	82.9	100	83	85.5	100	86	56-102	4	30
Bis(2-ethylhexyl) Phthalate	8270D	102	100	102	106	100	106	70-132	4	30
Butyl Benzyl Phthalate	8270D	106	100	106	112	100	112	41-148	6	30
Caprolactam	8270D	27.1	100	27	27.3	100	27	10-41	<1	30
Carbazole	8270D	97.4	100	97	103	100	103	61-126	6	30
Chrysene	8270D	95.4	100	95	100	100	100	57-118	5	30
Di-n-butyl Phthalate	8270D	98.8	100	99	104	100	104	57-139	5	30
Di-n-octyl Phthalate	8270D	101	100	101	106	100	106	70-134	5	30
Dibenz(a,h)anthracene	8270D	115	100	115	122	100	122	58-132	6	30
Dibenzofuran	8270D	90.9	100	91	96.4	100	96	62-105	5	30
Diethyl Phthalate	8270D	93.5	100	94	98.8	100	99	65-122	5	30
Dimethyl Phthalate	8270D	87.5	100	88	93.5	100	94	58-119	7	30
Fluoranthene	8270D	100	100	100	105	100	105	66-127	5	30
Fluorene	8270D	85.9	100	86	92.5	100	92	66-110	7	30
Hexachlorobenzene	8270D	95.9	100	96	102	100	102	68-115	6	30
Hexachlorobutadiene	8270D	67.4	100	67	67.8	100	68	16-95	1	30
Hexachlorocyclopentadiene	8270D	34.3	100	34	35.4	100	35	10-99	3	30
Hexachloroethane	8270D	61.1	100	61	63.5	100	63	15-92	3	30
Indeno(1,2,3-cd)pyrene	8270D	118	100	118	124	100	124	65-124	5	30
Isophorone	8270D	88.4	100	88	92.5	100	93	50-116	6	30
N-Nitrosodi-n-propylamine	8270D	82.5	100	83	89.0	100	89	49-115	7	30
N-Nitrosodiphenylamine	8270D	97.8	100	98	103	100	103	45-123	5	30
Naphthalene	8270D	71.6	100	72	73.7	100	74	36-95	3	30
Nitrobenzene	8270D	82.0	100	82	83.9	100	84	46-108	2	30
Pentachlorophenol (PCP)	8270D	104	100	104	110	100	110	41-154	6	30
Phenanthrene	8270D	96.7	100	97	100	100	100	58-118	3	30
Phenol	8270D	38.3	100	38	39.0	100	39	10-113	3	30
Pyrene	8270D	102	100	102	108	100	108	69-127	6	30

Semivolatile Organic Compounds by GC

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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1704686
Project: Fortino Tire
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 164	Tetrachloro-m-xylene 10 - 147
FT-WS-08	R1704686-001	42	50
FT-WS-10	R1704686-003	49	55
FT-WS-13	R1704686-005	52	61
FT-WS-14	R1704686-007	56	62
Method Blank	RQ1704781-01	61	60
Lab Control Sample	RQ1704781-02	68	60
Duplicate Lab Control Sample	RQ1704781-03	68	65

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1704781-01	**Basis:**	NA

Organochlorine Pesticides by Gas Chromatography

Analysis Method: 8081B
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
4,4'-DDE	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
4,4'-DDT	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Aldrin	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Dieldrin	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Endosulfan I	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Endosulfan II	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Endosulfan Sulfate	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Endrin	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Endrin Aldehyde	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Endrin Ketone	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Heptachlor	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Heptachlor Epoxide	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Methoxychlor	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
Toxaphene	0.50 U	0.50	0.27	1	05/31/17 09:07	5/26/17	
alpha-BHC	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
alpha-Chlordane	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
beta-BHC	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
delta-BHC	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
gamma-BHC (Lindane)	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	
gamma-Chlordane	0.050 U	0.050	0.020	1	05/31/17 09:07	5/26/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	61	10 - 164	05/31/17 09:07	
Tetrachloro-m-xylene	60	10 - 147	05/31/17 09:07	

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Water

Service Request: R1704686
Date Analyzed: 05/31/17

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1704781-02			RQ1704781-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	0.145	0.200	72	0.150	0.200	75	53-143	3	30
4,4'-DDE	8081B	0.137	0.200	69	0.145	0.200	72	39-144	5	30
4,4'-DDT	8081B	0.128	0.200	64	0.133	0.200	67	46-137	4	30
Aldrin	8081B	0.124	0.200	62	0.138	0.200	69	15-148	11	30
Dieldrin	8081B	0.142	0.200	71	0.152	0.200	76	55-141	7	30
Endosulfan I	8081B	0.139	0.200	69	0.151	0.200	75	52-142	8	30
Endosulfan II	8081B	0.138	0.200	69	0.146	0.200	73	56-147	6	30
Endosulfan Sulfate	8081B	0.146	0.200	73	0.153	0.200	76	44-146	5	30
Endrin	8081B	0.147	0.200	73	0.156	0.200	78	53-144	6	30
Endrin Aldehyde	8081B	0.0482 J	0.200	24	0.0521	0.200	26	10-166	8	30
Endrin Ketone	8081B	0.155	0.200	77	0.160	0.200	80	54-143	3	30
Heptachlor	8081B	0.133	0.200	67	0.144	0.200	72	28-151	8	30
Heptachlor Epoxide	8081B	0.147	0.200	74	0.157	0.200	79	57-128	7	30
Methoxychlor	8081B	0.135	0.200	67	0.149	0.200	75	50-142	10	30
alpha-BHC	8081B	0.127	0.200	63	0.153	0.200	76	40-147	18	30
alpha-Chlordane	8081B	0.143	0.200	72	0.160	0.200	80	46-137	11	30
beta-BHC	8081B	0.143	0.200	71	0.163	0.200	82	49-136	13	30
delta-BHC	8081B	0.141	0.200	70	0.151	0.200	76	32-147	7	30
gamma-BHC (Lindane)	8081B	0.137	0.200	69	0.162	0.200	81	44-142	17	30
gamma-Chlordane	8081B	0.141	0.200	71	0.152	0.200	76	46-138	7	30

ALS Group USA, Corp.
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QA/QC Report

Client: TRC Environmental Corporation **Service Request:** R1704686
Project: Fortino Tire
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 125	Tetrachloro-m-xylene 18 - 126
FT-WS-08	R1704686-001	55	58
FT-WS-08 Dissolved	R1704686-002	80	76
FT-WS-10	R1704686-003	65	63
FT-WS-10 Dissolved	R1704686-004	70	64
FT-WS-13	R1704686-005	66	64
FT-WS-13 Dissolved	R1704686-006	76	71
FT-WS-14	R1704686-007	61	61
FT-WS-14 Dissolved	R1704686-008	79	73
Method Blank	RQ1704842-01	75	69
Lab Control Sample	RQ1704842-02	83	64
Duplicate Lab Control Sample	RQ1704842-03	88	68
Method Blank	RQ1704842-04	47	73

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1704842-01	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.025	1	05/31/17 15:00	5/30/17	
Aroclor 1221	0.050 U	0.050	0.034	1	05/31/17 15:00	5/30/17	
Aroclor 1232	0.050 U	0.050	0.025	1	05/31/17 15:00	5/30/17	
Aroclor 1242	0.050 U	0.050	0.025	1	05/31/17 15:00	5/30/17	
Aroclor 1248	0.050 U	0.050	0.025	1	05/31/17 15:00	5/30/17	
Aroclor 1254	0.050 U	0.050	0.025	1	05/31/17 15:00	5/30/17	
Aroclor 1260	0.050 U	0.050	0.025	1	05/31/17 15:00	5/30/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	75	10 - 125	05/31/17 15:00	
Tetrachloro-m-xylene	69	18 - 126	05/31/17 15:00	

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1704842-04	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.025	1	05/31/17 21:12	5/30/17	
Aroclor 1221	0.047 U	0.047	0.034	1	05/31/17 21:12	5/30/17	
Aroclor 1232	0.047 U	0.047	0.025	1	05/31/17 21:12	5/30/17	
Aroclor 1242	0.047 U	0.047	0.025	1	05/31/17 21:12	5/30/17	
Aroclor 1248	0.047 U	0.047	0.025	1	05/31/17 21:12	5/30/17	
Aroclor 1254	0.047 U	0.047	0.025	1	05/31/17 21:12	5/30/17	
Aroclor 1260	0.047 U	0.047	0.025	1	05/31/17 21:12	5/30/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	47	10 - 125	05/31/17 21:12	
Tetrachloro-m-xylene	73	18 - 126	05/31/17 21:12	

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Water

Service Request: R1704686
Date Analyzed: 05/31/17

Duplicate Lab Control Sample Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1704842-02			RQ1704842-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	0.273	0.500	55	0.369	0.500	74	40-140	30	30
Aroclor 1260	8082A	0.317	0.500	63	0.423	0.500	85	24-157	29	30

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BLANKS

Contract: R1704686

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-WS-08

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	9.19	U	9.19	U	17.00	J	9.19	U	29.900	J	P
Antimony	4.97	U	4.97	U	4.97	U	4.97	U	4.974	U	P
Arsenic	4.93	U	4.93	U	4.93	U	4.93	U	4.934	U	P
Barium	3.00	J	2.80	J	2.10	J	7.70	J	1.263	U	P
Beryllium	0.12	U	0.12	U	0.12	U	0.20	J	0.120	U	P
Cadmium	0.20	J	0.30	J	0.20	J	0.50	J	0.196	U	P
Mercury	0.040	U	0.040	U	0.040	U	0.040	U	0.040	U	CV
Calcium	127.80	U	127.80	U	127.80	U	127.80	U	127.800	U	P
Chromium	0.27	U	0.27	U	0.27	U	0.30	J	0.400	J	P
Cobalt	1.14	U	1.14	U	1.14	U	1.70	J	1.141	U	P
Copper	0.62	U	0.62	U	0.62	U	0.90	J	0.619	U	P
Iron	3.93	U	3.93	U	7.90	J	3.93	U	14.600	J	P
Lead	2.08	U	2.08	U	2.08	U	2.08	U	2.084	U	P
Magnesium	5.80	J	9.20	J	23.60	J	15.70	J	33.400	J	P
Manganese	0.57	U	0.57	U	0.57	U	0.57	U	0.567	U	P
Nickel	1.11	U	1.11	U	1.11	U	1.20	J	1.111	U	P
Potassium	43.65	U	43.65	U	43.65	U	43.65	U	43.654	U	P
Selenium	4.60	J	4.40	J	3.90	J	4.20	J	3.344	U	P
Silver	0.46	U	0.46	U	0.46	U	0.46	U	0.463	U	P
Sodium	69.17	U	69.17	U	69.17	U	69.17	U	69.170	U	P
Thallium	2.08	U	2.08	U	3.00	J	2.08	U	2.084	U	P
Vanadium	0.91	U	0.91	U	0.91	U	1.70	J	0.909	U	P
Zinc	1.70	U	1.70	U	1.70	U	1.70	U	1.800	J	P

Comments:

METALS

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BLANKS

Contract: R1704686

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-WS-08

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			9.19	U	9.19	U	9.19	U			P
Antimony			4.97	U	4.97	U	4.97	U			P
Arsenic			4.93	U	4.93	U	4.93	U			P
Barium			1.40	J	4.20	J	4.10	J			P
Beryllium			0.12	U	0.12	U	0.12	U			P
Cadmium			0.20	U	0.20	J	0.20	J			P
Mercury			0.040	U	0.040	U	0.040	U			CV
Calcium			127.80	U	127.80	U	127.80	U			P
Chromium			0.27	U	0.27	U	0.27	U			P
Cobalt			1.14	U	1.20	J	1.14	U			P
Copper			0.62	U	0.62	U	0.62	U			P
Iron			3.93	U	3.93	U	3.93	U			P
Lead			2.08	U	2.08	U	2.08	U			P
Magnesium			4.20	J	10.00	J	9.60	J			P
Manganese			0.57	U	0.57	U	0.57	U			P
Nickel			1.11	U	1.30	J	1.11	U			P
Potassium			43.65	U	43.65	U	43.65	U			P
Selenium			3.34	U	3.34	U	3.34	U			P
Silver			0.46	U	0.46	U	0.46	U			P
Sodium			69.17	U	69.17	U	69.17	U			P
Thallium			2.08	U	-2.10	J	2.08	U			P
Vanadium			0.91	U	1.10	J	1.30	J			P
Zinc			1.70	U	1.70	U	1.70	U			P

Comments:

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-WS-08S

Contract: R1704686

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-WS-08

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	2520.00		523.00		2000.0	100		P
Antimony	75 - 125	507.00		4.97	U	500.0	101		P
Arsenic	75 - 125	36.60		4.93	U	40.0	92		P
Barium	75 - 125	2230.00		199.00		2000.0	102		P
Beryllium	75 - 125	51.30		0.12	U	50.0	103		P
Cadmium	75 - 125	50.40		0.40	J	50.0	100		P
Calcium		109000.00		106000.00		2000.0	150		P
Chromium	75 - 125	201.00		0.27	U	200.0	100		P
Cobalt	75 - 125	504.00		1.14	U	500.0	101		P
Copper	75 - 125	260.00		7.60	J	250.0	101		P
Iron	75 - 125	2640.00		1640.00		1000.0	100		P
Lead	75 - 125	513.00		2.08	U	500.0	103		P
Magnesium		33200.00		31300.00		2000.0	95		P
Manganese	75 - 125	2050.00		1560.00		500.0	98		P
Nickel	75 - 125	496.00		1.11	U	500.0	99		P
Potassium	75 - 125	23300.00		2850.00		20000.0	102		P
Selenium	75 - 125	1050.00		4.70	J	1010.0	103		P
Silver	75 - 125	50.30		0.46	U	50.0	101		P
Sodium	75 - 125	35800.00		15700.00		20000.0	100		P
Thallium	75 - 125	1990.00		2.80	J	2000.0	99		P
Vanadium	75 - 125	507.00		1.50	J	500.0	101		P
Zinc	75 - 125	581.00		79.50		500.0	100		P

Comments: _____

ALS Environmental

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-WS-08SD

Contract: R1704686

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-WS-08

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	2500.00		523.00		2000.0	99		P
Antimony	75 - 125	508.00		4.97	U	500.0	102		P
Arsenic	75 - 125	42.90		4.93	U	40.0	107		P
Barium	75 - 125	2250.00		199.00		2000.0	103		P
Beryllium	75 - 125	51.60		0.12	U	50.0	103		P
Cadmium	75 - 125	50.70		0.40	J	50.0	101		P
Calcium		108000.00		106000.00		2000.0	100		P
Chromium	75 - 125	202.00		0.27	U	200.0	101		P
Cobalt	75 - 125	506.00		1.14	U	500.0	101		P
Copper	75 - 125	262.00		7.60	J	250.0	102		P
Iron	75 - 125	2600.00		1640.00		1000.0	96		P
Lead	75 - 125	514.00		2.08	U	500.0	103		P
Magnesium		33100.00		31300.00		2000.0	90		P
Manganese	75 - 125	2050.00		1560.00		500.0	98		P
Nickel	75 - 125	500.00		1.11	U	500.0	100		P
Potassium	75 - 125	23400.00		2850.00		20000.0	103		P
Selenium	75 - 125	1090.00		4.70	J	1010.0	107		P
Silver	75 - 125	50.70		0.46	U	50.0	101		P
Sodium	75 - 125	35800.00		15700.00		20000.0	100		P
Thallium	75 - 125	2000.00		2.80	J	2000.0	100		P
Vanadium	75 - 125	510.00		1.50	J	500.0	102		P
Zinc	75 - 125	583.00		79.50		500.0	101		P

Comments: _____

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-WS-08 DissolvedS

Contract: R1704686

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-WS-08

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 100.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	75 - 125	1.010		0.040	U	1.00	101		CV

Comments:

ALS Environmental

METALS

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-WS-08 DissolvedSD

Contract: R1704686

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-WS-08

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 100.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Mercury	75 - 125	1.020		0.040	U	1.00	102		CV

Comments:

METALS
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DUPLICATES

SAMPLE NO.: FT-WS-08SD

Contract: R1704686

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-WS-08

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		2520.00		2500.00		1		P
Antimony		507.00		508.00		0		P
Arsenic		36.60		42.90		16		P
Barium		2230.00		2250.00		1		P
Beryllium		51.30		51.60		1		P
Cadmium		50.40		50.70		1		P
Calcium		109000.00		108000.00		1		P
Chromium		201.00		202.00		0		P
Cobalt		504.00		506.00		0		P
Copper		260.00		262.00		1		P
Iron		2640.00		2600.00		2		P
Lead		513.00		514.00		0		P
Magnesium		33200.00		33100.00		0		P
Manganese		2050.00		2050.00		0		P
Nickel		496.00		500.00		1		P
Potassium		23300.00		23400.00		0		P
Selenium		1050.00		1090.00		4		P
Silver		50.30		50.70		1		P
Sodium		35800.00		35800.00		0		P
Thallium		1990.00		2000.00		1		P
Vanadium		507.00		510.00		1		P
Zinc		581.00		583.00		0		P

Comments:

METALS
-6-
DUPLICATES

SAMPLE NO.: FT-WS-08 DissolvedSD

Contract: R1704686

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-WS-08

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 100.0 % Solids for Duplicate: 100.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Mercury		1.010		1.020		1		CV

Comments:

METALS

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LABORATORY CONTROL SAMPLE

Contract: R1704686

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-WS-08

Solid LCS Source: _____

Aqueous LCS Source: CPI

Analyte	Aqueous (ug/L			Solid (mg/K				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	2000	1880	94					
Antimony	500	500	100					
Arsenic	40	41	102					
Barium	2000	2100	105					
Beryllium	50	51	102					
Cadmium	50	52	104					
Mercury	1.000	1.020	102					
Calcium	2000	1890	94					
Chromium	200	205	102					
Cobalt	500	520	104					
Copper	250	249	100					
Iron	1000	991	99					
Lead	500	527	105					
Magnesium	2000	2040	102					
Manganese	500	509	102					
Nickel	500	519	104					
Potassium	20000	19300	96					
Selenium	1010	1050	104					
Silver	50	50	100					
Sodium	20000	19700	98					
Thallium	2000	1920	96					
Vanadium	500	507	101					
Zinc	500	511	102					

Comments: _____

General Chemistry

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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R1704686-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	06/02/17 09:53	05/31/17	
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	06/02/17 09:53	05/31/17	

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dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1704686
Project:	Fortino Tire	**Date Collected:**	05/24/17
Sample Matrix:	Water	**Date Received:**	05/24/17
		Date Analyzed:	06/2/17
		Date Extracted:	05/31/17

Duplicate Matrix Spike Summary
Cyanide, Total

Sample Name:	FT-WS-14	**Units:**	mg/L
Lab Code:	R1704686-007	**Basis:**	NA
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike			Duplicate Matrix Spike					
		R1704686-007MS			R1704686-007DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Total	0.010 U	0.089	0.100	89	0.090	0.100	90	77-119	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Water

Service Request: R1704686
Date Analyzed: 06/02/17

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/L
Basis:NA

Lab Control Sample
R1704686-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Dissolved	9012B	0.0934	0.100	93	85-115
Cyanide, Total	9012B	0.0934	0.100	93	85-115

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: TRC Environmental Corporation
Project: Fortino Tire
Sample Matrix: Water

Service Request: R1704686
Date Analyzed: 06/02/17

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/L
Basis:NA

Lab Control Sample
R1704686-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Dissolved	9012B	0.554	0.600	92	85-115
Cyanide, Total	9012B	0.554	0.600	92	85-115

July 28, 2017 Service Request No:R1706281

Mr. Marc Flanagan
TRC Environmental Corporation
10 Maxwell Drive
Suite 200
Clifton Park, NY 12065

Laboratory Results for: NYS DEC Fortino Tire

Dear Mr.Flanagan,

Enclosed are the results of the sample(s) submitted to our laboratory July 11, 2017
For your reference, these analyses have been assigned our service request number **R1706281.**

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7472. You may also contact me via email at Janice.Jaeger@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental



Janice Jaeger
Project Manager

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ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

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Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request:R1706281
Date Received:7/11/17

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples designated for Tier IV, validation deliverables including all summary forms and associated raw data. Analytical procedures performed by the lab are validated in accordance with NELAC standards. Any parameters that are not included in the lab's NELAC accreditation are identified on a "Non-Certified Analytes" report in the Miscellaneous Forms Section of this report. Individual analytical results requiring further explanation are flagged with qualifiers and/or discussed below. The flags are explained in the Report Qualifiers and Definitions page in the Miscellaneous Forms section of this report.

Sample Receipt

Seven water samples were received for analysis at ALS Environmental on 07/11/2017. Any discrepancies noted upon initial sample inspection are noted on the cooler receipt and preservation form included in this data package. The samples were received in good condition and consistent with the accompanying chain of custody form. Samples are refrigerated at ≤6°C upon receipt at the lab except for aqueous samples designated for metals analyses, which are stored at room temperature.

Volatile Organic Analyses:

Method 8260, 7/20/17: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8260, 7/20/17: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Semi-Volatile Organic Analyses:

Method 8270D, 07/14/17, 07/17/17: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8270D, 07/19/17: The upper control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). The field samples analyzed in this sequence did not contain the analyte(s) in question above the Method Reporting Limit (MRL). Since the exceedance equates to a potential high bias, the data quality was not significantly affected and no further corrective action was taken.

Method 8270D, 07/14/17: The lower control limit for the spike recovery of the Laboratory Control Sample (LCS) was exceeded for one or more analyte. There were no detections of the analyte(s) in the associated field samples. The Laboratory Control Sample Duplicate (LCSD) was within limits for all analytes. Several analytes were out for precision. The analytes affected are flagged in the LCS Summary.

Metals Analyses:

Method 6010C, R1706281-011: The Method Reporting Limit (MRL) was elevated due to dilution performed because of negative

Approved by _____ Date 7/28/2017

matrix interference with Nickel.

General Chemistry Analyses:

No significant anomalies were noted with this analysis.

Approved by _____ Date 7/28/2017

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:**R1706281
Project: NYS DEC Fortino Tire

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R1706281-001	FT-MW-102	7/11/2017	0910
R1706281-002	FT-MW-102 Dissolved	7/11/2017	0910
R1706281-003	FT-MW-101	7/11/2017	0915
R1706281-004	FT-MW-101 Dissolved	7/11/2017	0915
R1706281-005	FT-MW-105	7/11/2017	1050
R1706281-006	FT-MW-105 Dissolved	7/11/2017	1050
R1706281-007	FT-MW-103	7/11/2017	1115
R1706281-008	FT-MW-103 Dissolved	7/11/2017	1115
R1706281-009	FT-MW-104	7/11/2017	1300
R1706281-010	FT-MW-104 Dissolved	7/11/2017	1300
R1706281-011	FT-MW-106	7/11/2017	1345
R1706281-012	FT-MW-106 Dissolved	7/11/2017	1345
R1706281-013	FT-MW-01	7/11/2017	1530
R1706281-014	FT-MW-01 Dissolved	7/11/2017	1530

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

45846

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 1

Project Name: NYSDEC Fortino Tire	Project Number:
Project Manager: Marc Flanagan	Report CC:
Company/Address: 10 Maxwell Dr Suite 200, Clifton Park, NY 12065	
Phone #: (518) 419-7219	Email: SJohansson@trcsolutions.com
Sampler's Signature:	Sampler's Printed Name: Steve Johansson

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE: 1 0 0 2 0 0 4

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs ○ 8260 ○ 624 ○ CLP	GC/MS SVOAs ○ 8270 ○ 625	GC VOAs ○ 8021 ○ 601/602	PESTICIDES ○ 8081 ○ 608	PCBs ○ 8082 ○ 608	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	PCB's Dissolved	Cyanide
FT-MW-102		7/11/17	0910	W		✓	✓			✓	✓	✓	✓	✓
FT-MW-101		7/11/17	0915	W		✓	✓			✓	✓	✓	✓	✓
FT-MW-105		7/11/17	1050	W		✓	✓			✓	✓	✓	✓	✓
FT-MW-103		7/11/17	1115	W		✓	✓			✓	✓	✓	✓	✓
FT-MW-104		7/11/17	1300	W		✓	✓			✓	✓	✓	✓	✓
FT-MW-106		7/11/17	1345	W		✓	✓			✓	✓	✓	✓	✓
FT-MW-01		7/11/17	1530	W		✓	✓			✓	✓	✓	✓	✓

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

REMARKS/ ALTERNATE DESCRIPTION

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 1 day _____ 2 day _____ 3 day
_____ 4 day _____ 5 day
Standard
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
Edata _____Yes _____No

INVOICE INFORMATION
PO #
BILL TO:

STATE WHERE SAMPLES WERE COLLECTED

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	Signature	Signature	Signature	Sign	
Printed Name: Stephanie Amodeo	Printed Name: Daniel Ward	Printed Name	Printed Name	Print	
Firm: TRC	Firm: ALS	Firm	Firm	Firm	
Date/Time: 07/11/17 1805	Date/Time: 7/11/17/ 1805	Date/Time	Date/Time	Date/Time	Date/Time

R1706281 5
TRC Environmental Corporation
NYS DEC Fortino Tire

Distribution: White - Lab Copy; Yellow - Return to Originator

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Cooler Receipt and Preservation Check Form

R1706281 5
TRC Environmental Corporation
NYS DEC Fortino Tire

Project/Client TRC Folder Number R17-6281

Cooler received on 7/11/17 by: DLW

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y (N)
2	**Custody papers** properly completed (ink, signed)?	(Y) N
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N
4	Circle: **Wet Ice** **Dry Ice** **Gel packs** present?	(Y) N

5a	**Perchlorate** samples have required headspace?	Y N (NA)
5b	Did VOA vials, Alk,or Sulfide have sig* **bubbles**?	(Y) N NA
6	Where did the bottles originate?	ALS/ROC CLIENT
7	Soil VOA received as:	Bulk Encore 5035set (NA)

8. Temperature Readings Date: 7/11/17 Time: 1845 ID: IR#7 IR#8 From: Temp Blank Sample Bottle

Observed Temp (°C)	5.3°	15.3°	14.1°	12.3°	0.8°	17.9°	
Correction Factor (°C)	+0.9°	+0.0°	+0.9	+0.9	+0.9	+0.9	
Corrected Temp (°C)	6.2°	15.3°	15.5°	13.2°	1.7°	18.8°	
Temp from:Type of bottle	Cent. tube		Cent. tube	Cent. tube	Cent. tube	Cent. tube	
Within 0-6°C?	Y (N)	Y (N)	Y (N)	Y (N)	(Y) N	Y (N)	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-007 by DLW on 7/11/17 at 1845
5035 samples placed in storage location: _____ by _____ on _____ at _____

Cooler Breakdown: Date: 7/12/17 Time: 2136 by: DLW

9.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	(YES)	NO
10.	Did all bottle labels and tags agree with custody papers?	(YES)	NO
11.	Were correct containers used for the tests indicated?	(YES)	NO
12.	Were 5035 vials acceptable (no extra labels, not leaking)?	YES	NO (N/A)
13.	Air Samples: Cassettes / Tubes Intact	Canisters Pressurized	Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	ZC1817	NaOH	✓		180479	4/18				
≤2	L	HNO_3	✓		BD826158B	6/18				
≤2		H_2SO_4								
<4		$NaHSO_4$								
Residual Chlorine (-)		For CN Phenol and 522	✓		If +, contact PM to add $Na_2S_2O_3$ (CN), ascorbic (phenol).					
		$Na_2S_2O_3$	-	-						
		ZnAcetate	-	-						
		HCl	**	**	4115227					

**Not to be tested before analysis – pH tested and recorded by VOAs on a separate worksheet

Bottle lot numbers: G-195-001, 050617-ZHAW, 050617-IDK

Explain all Discrepancies/ Other Comments:
*2vials for the trip blank
3vials for the trip blanks DLW 7/11/17

CLRES	BULK
DO	FLDT
HPROD	HGFB
HTR	LL3541
PH	SUB
SO3	MARRS
ALS	REV

Labels secondary reviewed by: DLW
PC Secondary Review: JMJ 7/13/17

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

P:\INTRANET\QAQC\Forms Controlled\Cooler Receipt r14.doc 1/9/17

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the ñNotesò column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an ñimmediateò hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% (25% for CLP) difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (Ó100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Certifications[1]

Connecticut ID # PH0556	Maine ID #NY0032	New Hampshire ID # 294100 A/B
Delaware Accredited	Nebraska Accredited	
DoD ELAP #65817	New Jersey ID # NY004	Pennsylvania ID# 68-786
Florida ID # E87674	New York ID # 10145	Rhode Island ID # 158
Illinois ID #200047	North Carolina #676	Virginia #460167

[1] Analyses were performed according to our laboratoryôs NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to http://www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads/North-America-Downloads

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: TRC Environmental Corporation **Service Request:** R1706281
Project: NYS DEC Fortino Tire

Sample Name: FT-MW-102 **Date Collected:** 07/11/17
Lab Code: R1706281-001 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	TSANTIAGO	AMOSES

Sample Name: FT-MW-102 Dissolved **Date Collected:** 07/11/17
Lab Code: R1706281-002 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
9012B	TSANTIAGO	AMOSES

Sample Name: FT-MW-101 **Date Collected:** 07/11/17
Lab Code: R1706281-003 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	TSANTIAGO	AMOSES

Client: TRC Environmental Corporation **Service Request:** R1706281
Project: NYS DEC Fortino Tire

Sample Name: FT-MW-101 Dissolved **Date Collected:** 07/11/17
Lab Code: R1706281-004 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
9012B	TSANTIAGO	AMOSES

Sample Name: FT-MW-105 **Date Collected:** 07/11/17
Lab Code: R1706281-005 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	TSANTIAGO	AMOSES

Sample Name: FT-MW-105 Dissolved **Date Collected:** 07/11/17
Lab Code: R1706281-006 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
9012B	TSANTIAGO	AMOSES

Client: TRC Environmental Corporation **Service Request:** R1706281
Project: NYS DEC Fortino Tire

Sample Name: FT-MW-103 **Date Collected:** 07/11/17
Lab Code: R1706281-007 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	TSANTIAGO	AMOSES

Sample Name: FT-MW-103 Dissolved **Date Collected:** 07/11/17
Lab Code: R1706281-008 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
9012B	TSANTIAGO	AMOSES

Sample Name: FT-MW-104 **Date Collected:** 07/11/17
Lab Code: R1706281-009 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	TSANTIAGO	AMOSES

Client: TRC Environmental Corporation **Service Request:** R1706281
Project: NYS DEC Fortino Tire

Sample Name: FT-MW-104 Dissolved **Date Collected:** 07/11/17
Lab Code: R1706281-010 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
9012B	TSANTIAGO	AMOSES

Sample Name: FT-MW-106 **Date Collected:** 07/11/17
Lab Code: R1706281-011 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	TSANTIAGO	AMOSES

Sample Name: FT-MW-106 Dissolved **Date Collected:** 07/11/17
Lab Code: R1706281-012 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
9012B	TSANTIAGO	AMOSES

Client: TRC Environmental Corporation **Service Request:** R1706281
Project: NYS DEC Fortino Tire

Sample Name: FT-MW-01 **Date Collected:** 07/11/17
Lab Code: R1706281-013 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
8260C		KRUEST
8270D	DMURPHY	JMISIUREWICZ
9012B	TSANTIAGO	AMOSES

Sample Name: FT-MW-01 Dissolved **Date Collected:** 07/11/17
Lab Code: R1706281-014 **Date Received:** 07/11/17
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	KMCLAEN	NMANSEN
7470A	KMCLAEN	NMANSEN
8082A	MPEDRO	MPEDRO
9012B	TSANTIAGO	AMOSES

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9014 Cyanide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Reactivity	SW846 Ch7, 7.3.4.2
9034 Sulfide Acid Soluble	9030B
9056A Bomb (Halogens)	5050A
9066 Manual Distillation	9065
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7196A	3060A
7199	3060A
9056A Halogens/Halides	5050
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction

For analytical methods not listed, the preparation method is the same as the analytical method reference.

Sample Results

ALS Environmental—Rochester Laboratory
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:10
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-102	**Units:**	ug/L
Lab Code:	R1706281-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	07/20/17 12:11	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	07/20/17 12:11	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	07/20/17 12:11	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	07/20/17 12:11	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	07/20/17 12:11	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	07/20/17 12:11	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	07/20/17 12:11	
1,2,4-Trichlorobenzene	**0.25 BJ**	1.0	0.23	1	07/20/17 12:11	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	07/20/17 12:11	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	07/20/17 12:11	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	07/20/17 12:11	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	07/20/17 12:11	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	07/20/17 12:11	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	07/20/17 12:11	
1,4-Dichlorobenzene	**0.56 J**	1.0	0.20	1	07/20/17 12:11	
1,4-Dioxane	40 U	40	20	1	07/20/17 12:11	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	07/20/17 12:11	
2-Hexanone	5.0 U	5.0	1.7	1	07/20/17 12:11	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	07/20/17 12:11	
Acetone	**5.3**	5.0	1.3	1	07/20/17 12:11	
Benzene	**4.7**	1.0	0.20	1	07/20/17 12:11	
Bromochloromethane	1.0 U	1.0	0.32	1	07/20/17 12:11	
Bromodichloromethane	1.0 U	1.0	0.32	1	07/20/17 12:11	
Bromoform	1.0 U	1.0	0.42	1	07/20/17 12:11	
Bromomethane	1.0 U	1.0	0.29	1	07/20/17 12:11	
Carbon Disulfide	1.0 U	1.0	0.22	1	07/20/17 12:11	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	07/20/17 12:11	
Chlorobenzene	**0.47 J**	1.0	0.29	1	07/20/17 12:11	
Chloroethane	1.0 U	1.0	0.24	1	07/20/17 12:11	
Chloroform	1.0 U	1.0	0.25	1	07/20/17 12:11	
Chloromethane	1.0 U	1.0	0.21	1	07/20/17 12:11	
Cyclohexane	1.0 U	1.0	0.25	1	07/20/17 12:11	
Dibromochloromethane	1.0 U	1.0	0.31	1	07/20/17 12:11	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	07/20/17 12:11	
Dichloromethane	1.0 U	1.0	0.60	1	07/20/17 12:11	
Ethylbenzene	**4.1**	1.0	0.20	1	07/20/17 12:11	
Isopropylbenzene (Cumene)	**0.33 J**	1.0	0.20	1	07/20/17 12:11	
Methyl Acetate	2.0 U	2.0	0.43	1	07/20/17 12:11	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	07/20/17 12:11	
Methylcyclohexane	1.0 U	1.0	0.27	1	07/20/17 12:11	
Styrene	**0.49 J**	1.0	0.20	1	07/20/17 12:11	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	07/20/17 12:11	
Toluene	**2.6**	1.0	0.20	1	07/20/17 12:11	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:10
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-102	**Units:**	ug/L
Lab Code:	R1706281-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	07/20/17 12:11	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	07/20/17 12:11	
Vinyl Chloride	1.0 U	1.0	0.32	1	07/20/17 12:11	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	07/20/17 12:11	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	07/20/17 12:11	
m,p-Xylenes	**2.6**	2.0	0.33	1	07/20/17 12:11	
o-Xylene	**2.4**	1.0	0.20	1	07/20/17 12:11	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	07/20/17 12:11	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	07/20/17 12:11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	07/20/17 12:11	
Dibromofluoromethane	106	89 - 119	07/20/17 12:11	
Toluene-d8	110	87 - 121	07/20/17 12:11	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-101	**Units:**	ug/L
Lab Code:	R1706281-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	07/20/17 12:41	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	07/20/17 12:41	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	07/20/17 12:41	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	07/20/17 12:41	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	07/20/17 12:41	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	07/20/17 12:41	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	07/20/17 12:41	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	07/20/17 12:41	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	07/20/17 12:41	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	07/20/17 12:41	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	07/20/17 12:41	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	07/20/17 12:41	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	07/20/17 12:41	
1,3-Dichlorobenzene	**0.21 J**	1.0	0.20	1	07/20/17 12:41	
1,4-Dichlorobenzene	**0.75 J**	1.0	0.20	1	07/20/17 12:41	
1,4-Dioxane	40 U	40	20	1	07/20/17 12:41	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	07/20/17 12:41	
2-Hexanone	5.0 U	5.0	1.7	1	07/20/17 12:41	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	07/20/17 12:41	
Acetone	**4.3 J**	5.0	1.3	1	07/20/17 12:41	
Benzene	**3.6**	1.0	0.20	1	07/20/17 12:41	
Bromochloromethane	1.0 U	1.0	0.32	1	07/20/17 12:41	
Bromodichloromethane	1.0 U	1.0	0.32	1	07/20/17 12:41	
Bromoform	1.0 U	1.0	0.42	1	07/20/17 12:41	
Bromomethane	1.0 U	1.0	0.29	1	07/20/17 12:41	
Carbon Disulfide	1.0 U	1.0	0.22	1	07/20/17 12:41	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	07/20/17 12:41	
Chlorobenzene	**0.32 J**	1.0	0.29	1	07/20/17 12:41	
Chloroethane	1.0 U	1.0	0.24	1	07/20/17 12:41	
Chloroform	1.0 U	1.0	0.25	1	07/20/17 12:41	
Chloromethane	1.0 U	1.0	0.21	1	07/20/17 12:41	
Cyclohexane	1.0 U	1.0	0.25	1	07/20/17 12:41	
Dibromochloromethane	1.0 U	1.0	0.31	1	07/20/17 12:41	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	07/20/17 12:41	
Dichloromethane	1.0 U	1.0	0.60	1	07/20/17 12:41	
Ethylbenzene	**1.4**	1.0	0.20	1	07/20/17 12:41	
Isopropylbenzene (Cumene)	**1.7**	1.0	0.20	1	07/20/17 12:41	
Methyl Acetate	2.0 U	2.0	0.43	1	07/20/17 12:41	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	07/20/17 12:41	
Methylcyclohexane	1.0 U	1.0	0.27	1	07/20/17 12:41	
Styrene	**0.42 J**	1.0	0.20	1	07/20/17 12:41	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	07/20/17 12:41	
Toluene	**1.0**	1.0	0.20	1	07/20/17 12:41	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-101	**Units:**	ug/L
Lab Code:	R1706281-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	07/20/17 12:41	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	07/20/17 12:41	
Vinyl Chloride	1.0 U	1.0	0.32	1	07/20/17 12:41	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	07/20/17 12:41	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	07/20/17 12:41	
m,p-Xylenes	**13**	2.0	0.33	1	07/20/17 12:41	
o-Xylene	**4.4**	1.0	0.20	1	07/20/17 12:41	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	07/20/17 12:41	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	07/20/17 12:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	07/20/17 12:41	
Dibromofluoromethane	104	89 - 119	07/20/17 12:41	
Toluene-d8	109	87 - 121	07/20/17 12:41	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 10:50
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-105	**Units:**	ug/L
Lab Code:	R1706281-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	07/20/17 13:11	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	07/20/17 13:11	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	07/20/17 13:11	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	07/20/17 13:11	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	07/20/17 13:11	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	07/20/17 13:11	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	07/20/17 13:11	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	07/20/17 13:11	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	07/20/17 13:11	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	07/20/17 13:11	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	07/20/17 13:11	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	07/20/17 13:11	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	07/20/17 13:11	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	07/20/17 13:11	
1,4-Dichlorobenzene	**0.40 J**	1.0	0.20	1	07/20/17 13:11	
1,4-Dioxane	40 U	40	20	1	07/20/17 13:11	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	07/20/17 13:11	
2-Hexanone	5.0 U	5.0	1.7	1	07/20/17 13:11	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	07/20/17 13:11	
Acetone	**4.1 J**	5.0	1.3	1	07/20/17 13:11	
Benzene	**1.3**	1.0	0.20	1	07/20/17 13:11	
Bromochloromethane	1.0 U	1.0	0.32	1	07/20/17 13:11	
Bromodichloromethane	1.0 U	1.0	0.32	1	07/20/17 13:11	
Bromoform	1.0 U	1.0	0.42	1	07/20/17 13:11	
Bromomethane	1.0 U	1.0	0.29	1	07/20/17 13:11	
Carbon Disulfide	1.0 U	1.0	0.22	1	07/20/17 13:11	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	07/20/17 13:11	
Chlorobenzene	1.0 U	1.0	0.29	1	07/20/17 13:11	
Chloroethane	1.0 U	1.0	0.24	1	07/20/17 13:11	
Chloroform	1.0 U	1.0	0.25	1	07/20/17 13:11	
Chloromethane	1.0 U	1.0	0.21	1	07/20/17 13:11	
Cyclohexane	1.0 U	1.0	0.25	1	07/20/17 13:11	
Dibromochloromethane	1.0 U	1.0	0.31	1	07/20/17 13:11	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	07/20/17 13:11	
Dichloromethane	1.0 U	1.0	0.60	1	07/20/17 13:11	
Ethylbenzene	**0.33 J**	1.0	0.20	1	07/20/17 13:11	
Isopropylbenzene (Cumene)	**0.41 J**	1.0	0.20	1	07/20/17 13:11	
Methyl Acetate	2.0 U	2.0	0.43	1	07/20/17 13:11	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	07/20/17 13:11	
Methylcyclohexane	1.0 U	1.0	0.27	1	07/20/17 13:11	
Styrene	**0.97 J**	1.0	0.20	1	07/20/17 13:11	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	07/20/17 13:11	
Toluene	**0.61 J**	1.0	0.20	1	07/20/17 13:11	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 10:50
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-105	**Units:**	ug/L
Lab Code:	R1706281-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	07/20/17 13:11	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	07/20/17 13:11	
Vinyl Chloride	1.0 U	1.0	0.32	1	07/20/17 13:11	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	07/20/17 13:11	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	07/20/17 13:11	
m,p-Xylenes	**1.8 J**	2.0	0.33	1	07/20/17 13:11	
o-Xylene	**1.6**	1.0	0.20	1	07/20/17 13:11	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	07/20/17 13:11	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	07/20/17 13:11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	07/20/17 13:11	
Dibromofluoromethane	104	89 - 119	07/20/17 13:11	
Toluene-d8	111	87 - 121	07/20/17 13:11	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 11:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-103	**Units:**	ug/L
Lab Code:	R1706281-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.36	1	07/20/17 13:41	
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.25	1	07/20/17 13:41	
1,1,2-Trichloroethane	1.0	U	1.0	0.34	1	07/20/17 13:41	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	1	07/20/17 13:41	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.20	1	07/20/17 13:41	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.57	1	07/20/17 13:41	
1,2,3-Trichlorobenzene	1.0	U	1.0	0.82	1	07/20/17 13:41	
1,2,4-Trichlorobenzene	1.0	U	1.0	0.23	1	07/20/17 13:41	
1,2-Dibromo-3-chloropropane (DBCP)	2.0	U	2.0	0.74	1	07/20/17 13:41	
1,2-Dibromoethane	1.0	U	1.0	0.24	1	07/20/17 13:41	
1,2-Dichlorobenzene	1.0	U	1.0	0.21	1	07/20/17 13:41	
1,2-Dichloroethane	1.0	U	1.0	0.36	1	07/20/17 13:41	
1,2-Dichloropropane	1.0	U	1.0	0.20	1	07/20/17 13:41	
1,3-Dichlorobenzene	1.0	U	1.0	0.20	1	07/20/17 13:41	
1,4-Dichlorobenzene	**0.48**	**J**	1.0	0.20	1	07/20/17 13:41	
1,4-Dioxane	40	U	40	20	1	07/20/17 13:41	
2-Butanone (MEK)	5.0	U	5.0	0.81	1	07/20/17 13:41	
2-Hexanone	5.0	U	5.0	1.7	1	07/20/17 13:41	
4-Methyl-2-pentanone	**0.96**	**J**	5.0	0.67	1	07/20/17 13:41	
Acetone	**14**		5.0	1.3	1	07/20/17 13:41	
Benzene	**7.4**		1.0	0.20	1	07/20/17 13:41	
Bromochloromethane	1.0	U	1.0	0.32	1	07/20/17 13:41	
Bromodichloromethane	1.0	U	1.0	0.32	1	07/20/17 13:41	
Bromoform	1.0	U	1.0	0.42	1	07/20/17 13:41	
Bromomethane	1.0	U	1.0	0.29	1	07/20/17 13:41	
Carbon Disulfide	1.0	U	1.0	0.22	1	07/20/17 13:41	
Carbon Tetrachloride	1.0	U	1.0	0.45	1	07/20/17 13:41	
Chlorobenzene	**0.32**	**J**	1.0	0.29	1	07/20/17 13:41	
Chloroethane	1.0	U	1.0	0.24	1	07/20/17 13:41	
Chloroform	1.0	U	1.0	0.25	1	07/20/17 13:41	
Chloromethane	1.0	U	1.0	0.21	1	07/20/17 13:41	
Cyclohexane	1.0	U	1.0	0.25	1	07/20/17 13:41	
Dibromochloromethane	1.0	U	1.0	0.31	1	07/20/17 13:41	
Dichlorodifluoromethane (CFC 12)	1.0	U	1.0	0.46	1	07/20/17 13:41	
Dichloromethane	1.0	U	1.0	0.60	1	07/20/17 13:41	
Ethylbenzene	**16**		1.0	0.20	1	07/20/17 13:41	
Isopropylbenzene (Cumene)	**1.1**		1.0	0.20	1	07/20/17 13:41	
Methyl Acetate	2.0	U	2.0	0.43	1	07/20/17 13:41	
Methyl tert-Butyl Ether	1.0	U	1.0	0.29	1	07/20/17 13:41	
Methylcyclohexane	1.0	U	1.0	0.27	1	07/20/17 13:41	
Styrene	1.0	U	1.0	0.20	1	07/20/17 13:41	
Tetrachloroethene (PCE)	1.0	U	1.0	0.30	1	07/20/17 13:41	
Toluene	**5.0**		1.0	0.20	1	07/20/17 13:41	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 11:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-103	**Units:**	ug/L
Lab Code:	R1706281-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0	U	1.0	0.22	1	07/20/17 13:41	
Trichlorofluoromethane (CFC 11)	**0.25**	**J**	1.0	0.20	1	07/20/17 13:41	
Vinyl Chloride	1.0	U	1.0	0.32	1	07/20/17 13:41	
cis-1,2-Dichloroethene	1.0	U	1.0	0.30	1	07/20/17 13:41	
cis-1,3-Dichloropropene	1.0	U	1.0	0.24	1	07/20/17 13:41	
m,p-Xylenes	**13**		2.0	0.33	1	07/20/17 13:41	
o-Xylene	**13**		1.0	0.20	1	07/20/17 13:41	
trans-1,2-Dichloroethene	1.0	U	1.0	0.33	1	07/20/17 13:41	
trans-1,3-Dichloropropene	1.0	U	1.0	0.20	1	07/20/17 13:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	07/20/17 13:41	
Dibromofluoromethane	104	89 - 119	07/20/17 13:41	
Toluene-d8	110	87 - 121	07/20/17 13:41	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:00
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-104	**Units:**	ug/L
Lab Code:	R1706281-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	07/20/17 14:12	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	07/20/17 14:12	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	07/20/17 14:12	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	07/20/17 14:12	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	07/20/17 14:12	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	07/20/17 14:12	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	07/20/17 14:12	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	07/20/17 14:12	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	07/20/17 14:12	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	07/20/17 14:12	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	07/20/17 14:12	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	07/20/17 14:12	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	07/20/17 14:12	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	07/20/17 14:12	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	07/20/17 14:12	
1,4-Dioxane	40 U	40	20	1	07/20/17 14:12	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	07/20/17 14:12	
2-Hexanone	5.0 U	5.0	1.7	1	07/20/17 14:12	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	07/20/17 14:12	
Acetone	**21**	5.0	1.3	1	07/20/17 14:12	
Benzene	**5.1**	1.0	0.20	1	07/20/17 14:12	
Bromochloromethane	1.0 U	1.0	0.32	1	07/20/17 14:12	
Bromodichloromethane	1.0 U	1.0	0.32	1	07/20/17 14:12	
Bromoform	1.0 U	1.0	0.42	1	07/20/17 14:12	
Bromomethane	1.0 U	1.0	0.29	1	07/20/17 14:12	
Carbon Disulfide	1.0 U	1.0	0.22	1	07/20/17 14:12	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	07/20/17 14:12	
Chlorobenzene	1.0 U	1.0	0.29	1	07/20/17 14:12	
Chloroethane	1.0 U	1.0	0.24	1	07/20/17 14:12	
Chloroform	1.0 U	1.0	0.25	1	07/20/17 14:12	
Chloromethane	1.0 U	1.0	0.21	1	07/20/17 14:12	
Cyclohexane	1.0 U	1.0	0.25	1	07/20/17 14:12	
Dibromochloromethane	1.0 U	1.0	0.31	1	07/20/17 14:12	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	07/20/17 14:12	
Dichloromethane	1.0 U	1.0	0.60	1	07/20/17 14:12	
Ethylbenzene	**0.73 J**	1.0	0.20	1	07/20/17 14:12	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	07/20/17 14:12	
Methyl Acetate	2.0 U	2.0	0.43	1	07/20/17 14:12	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	07/20/17 14:12	
Methylcyclohexane	1.0 U	1.0	0.27	1	07/20/17 14:12	
Styrene	**1.6**	1.0	0.20	1	07/20/17 14:12	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	07/20/17 14:12	
Toluene	**2.2**	1.0	0.20	1	07/20/17 14:12	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:00
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-104	**Units:**	ug/L
Lab Code:	R1706281-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	07/20/17 14:12	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	07/20/17 14:12	
Vinyl Chloride	1.0 U	1.0	0.32	1	07/20/17 14:12	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	07/20/17 14:12	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	07/20/17 14:12	
m,p-Xylenes	**0.47 J**	2.0	0.33	1	07/20/17 14:12	
o-Xylene	**0.34 J**	1.0	0.20	1	07/20/17 14:12	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	07/20/17 14:12	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	07/20/17 14:12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	07/20/17 14:12	
Dibromofluoromethane	104	89 - 119	07/20/17 14:12	
Toluene-d8	112	87 - 121	07/20/17 14:12	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:45
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-106	**Units:**	ug/L
Lab Code:	R1706281-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	07/20/17 14:42	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	07/20/17 14:42	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	07/20/17 14:42	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	07/20/17 14:42	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	07/20/17 14:42	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	07/20/17 14:42	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	07/20/17 14:42	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	07/20/17 14:42	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	07/20/17 14:42	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	07/20/17 14:42	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	07/20/17 14:42	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	07/20/17 14:42	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	07/20/17 14:42	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	07/20/17 14:42	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	07/20/17 14:42	
1,4-Dioxane	40 U	40	20	1	07/20/17 14:42	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	07/20/17 14:42	
2-Hexanone	5.0 U	5.0	1.7	1	07/20/17 14:42	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	07/20/17 14:42	
Acetone	**4.8 J**	5.0	1.3	1	07/20/17 14:42	
Benzene	1.0 U	1.0	0.20	1	07/20/17 14:42	
Bromochloromethane	1.0 U	1.0	0.32	1	07/20/17 14:42	
Bromodichloromethane	1.0 U	1.0	0.32	1	07/20/17 14:42	
Bromoform	1.0 U	1.0	0.42	1	07/20/17 14:42	
Bromomethane	1.0 U	1.0	0.29	1	07/20/17 14:42	
Carbon Disulfide	1.0 U	1.0	0.22	1	07/20/17 14:42	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	07/20/17 14:42	
Chlorobenzene	1.0 U	1.0	0.29	1	07/20/17 14:42	
Chloroethane	1.0 U	1.0	0.24	1	07/20/17 14:42	
Chloroform	1.0 U	1.0	0.25	1	07/20/17 14:42	
Chloromethane	1.0 U	1.0	0.21	1	07/20/17 14:42	
Cyclohexane	1.0 U	1.0	0.25	1	07/20/17 14:42	
Dibromochloromethane	1.0 U	1.0	0.31	1	07/20/17 14:42	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	07/20/17 14:42	
Dichloromethane	1.0 U	1.0	0.60	1	07/20/17 14:42	
Ethylbenzene	1.0 U	1.0	0.20	1	07/20/17 14:42	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	07/20/17 14:42	
Methyl Acetate	2.0 U	2.0	0.43	1	07/20/17 14:42	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	07/20/17 14:42	
Methylcyclohexane	1.0 U	1.0	0.27	1	07/20/17 14:42	
Styrene	1.0 U	1.0	0.20	1	07/20/17 14:42	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	07/20/17 14:42	
Toluene	1.0 U	1.0	0.20	1	07/20/17 14:42	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:45
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-106	**Units:**	ug/L
Lab Code:	R1706281-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	07/20/17 14:42	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	07/20/17 14:42	
Vinyl Chloride	1.0 U	1.0	0.32	1	07/20/17 14:42	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	07/20/17 14:42	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	07/20/17 14:42	
m,p-Xylenes	2.0 U	2.0	0.33	1	07/20/17 14:42	
o-Xylene	1.0 U	1.0	0.20	1	07/20/17 14:42	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	07/20/17 14:42	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	07/20/17 14:42	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	07/20/17 14:42	
Dibromofluoromethane	103	89 - 119	07/20/17 14:42	
Toluene-d8	109	87 - 121	07/20/17 14:42	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 15:30
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-01	**Units:**	ug/L
Lab Code:	R1706281-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	07/20/17 15:12	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	07/20/17 15:12	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	07/20/17 15:12	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	07/20/17 15:12	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	07/20/17 15:12	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	07/20/17 15:12	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	07/20/17 15:12	
1,2,4-Trichlorobenzene	1.0 U	1.0	0.23	1	07/20/17 15:12	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	07/20/17 15:12	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	07/20/17 15:12	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	07/20/17 15:12	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	07/20/17 15:12	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	07/20/17 15:12	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	07/20/17 15:12	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	07/20/17 15:12	
1,4-Dioxane	40 U	40	20	1	07/20/17 15:12	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	07/20/17 15:12	
2-Hexanone	5.0 U	5.0	1.7	1	07/20/17 15:12	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	07/20/17 15:12	
Acetone	**3.0 J**	5.0	1.3	1	07/20/17 15:12	
Benzene	1.0 U	1.0	0.20	1	07/20/17 15:12	
Bromochloromethane	1.0 U	1.0	0.32	1	07/20/17 15:12	
Bromodichloromethane	1.0 U	1.0	0.32	1	07/20/17 15:12	
Bromoform	1.0 U	1.0	0.42	1	07/20/17 15:12	
Bromomethane	1.0 U	1.0	0.29	1	07/20/17 15:12	
Carbon Disulfide	1.0 U	1.0	0.22	1	07/20/17 15:12	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	07/20/17 15:12	
Chlorobenzene	1.0 U	1.0	0.29	1	07/20/17 15:12	
Chloroethane	1.0 U	1.0	0.24	1	07/20/17 15:12	
Chloroform	1.0 U	1.0	0.25	1	07/20/17 15:12	
Chloromethane	1.0 U	1.0	0.21	1	07/20/17 15:12	
Cyclohexane	1.0 U	1.0	0.25	1	07/20/17 15:12	
Dibromochloromethane	1.0 U	1.0	0.31	1	07/20/17 15:12	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	07/20/17 15:12	
Dichloromethane	1.0 U	1.0	0.60	1	07/20/17 15:12	
Ethylbenzene	1.0 U	1.0	0.20	1	07/20/17 15:12	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	07/20/17 15:12	
Methyl Acetate	2.0 U	2.0	0.43	1	07/20/17 15:12	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	07/20/17 15:12	
Methylcyclohexane	1.0 U	1.0	0.27	1	07/20/17 15:12	
Styrene	1.0 U	1.0	0.20	1	07/20/17 15:12	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	07/20/17 15:12	
Toluene	1.0 U	1.0	0.20	1	07/20/17 15:12	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 15:30
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-01	**Units:**	ug/L
Lab Code:	R1706281-013	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	07/20/17 15:12	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	07/20/17 15:12	
Vinyl Chloride	1.0 U	1.0	0.32	1	07/20/17 15:12	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	07/20/17 15:12	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	07/20/17 15:12	
m,p-Xylenes	2.0 U	2.0	0.33	1	07/20/17 15:12	
o-Xylene	1.0 U	1.0	0.20	1	07/20/17 15:12	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	07/20/17 15:12	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	07/20/17 15:12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	07/20/17 15:12	
Dibromofluoromethane	106	89 - 119	07/20/17 15:12	
Toluene-d8	109	87 - 121	07/20/17 15:12	

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:10
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-102	**Units:**	ug/L
Lab Code:	R1706281-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	2.5	1	07/14/17 17:46	7/13/17	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	1.7	1	07/14/17 17:46	7/13/17	
2,4,5-Trichlorophenol	9.4 U	9.4	3.1	1	07/14/17 17:46	7/13/17	
2,4,6-Trichlorophenol	9.4 U	9.4	1.5	1	07/14/17 17:46	7/13/17	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	07/14/17 17:46	7/13/17	
2,4-Dimethylphenol	**7.1 J**	9.4	1.2	1	07/14/17 17:46	7/13/17	
2,4-Dinitrophenol	47 U	47	2.7	1	07/14/17 17:46	7/13/17	
2,4-Dinitrotoluene	9.4 U	9.4	1.4	1	07/14/17 17:46	7/13/17	
2,6-Dinitrotoluene	9.4 U	9.4	1.1	1	07/14/17 17:46	7/13/17	
2-Chloronaphthalene	9.4 U	9.4	2.7	1	07/14/17 17:46	7/13/17	
2-Chlorophenol	9.4 U	9.4	1.4	1	07/14/17 17:46	7/13/17	
2-Methylnaphthalene	9.4 U	9.4	2.5	1	07/14/17 17:46	7/13/17	
2-Methylphenol	9.4 U	9.4	1.7	1	07/14/17 17:46	7/13/17	
2-Nitroaniline	47 U	47	2.1	1	07/14/17 17:46	7/13/17	
2-Nitrophenol	9.4 U	9.4	1.3	1	07/14/17 17:46	7/13/17	
3,3'-Dichlorobenzidine	9.4 U	9.4	1.1	1	07/14/17 17:46	7/13/17	
3- and 4-Methylphenol Coelution	9.4 U	9.4	1.7	1	07/14/17 17:46	7/13/17	
3-Nitroaniline	47 U	47	0.95	1	07/14/17 17:46	7/13/17	
4,6-Dinitro-2-methylphenol	47 U	47	1.6	1	07/14/17 17:46	7/13/17	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	1.3	1	07/14/17 17:46	7/13/17	
4-Chloro-3-methylphenol	9.4 U	9.4	2.0	1	07/14/17 17:46	7/13/17	
4-Chloroaniline	9.4 U	9.4	1.4	1	07/14/17 17:46	7/13/17	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	2.3	1	07/14/17 17:46	7/13/17	
4-Nitroaniline	47 U	47	1.5	1	07/14/17 17:46	7/13/17	
4-Nitrophenol	47 U	47	1.1	1	07/14/17 17:46	7/13/17	
Acenaphthene	9.4 U	9.4	1.6	1	07/14/17 17:46	7/13/17	
Acenaphthylene	9.4 U	9.4	1.6	1	07/14/17 17:46	7/13/17	
Acetophenone	9.4 U	9.4	1.6	1	07/14/17 17:46	7/13/17	
Anthracene	9.4 U	9.4	1.1	1	07/14/17 17:46	7/13/17	
Atrazine	9.4 U	9.4	2.1	1	07/14/17 17:46	7/13/17	
Benz(a)anthracene	9.4 U	9.4	0.66	1	07/14/17 17:46	7/13/17	
Benzaldehyde	47 U	47	2.9	1	07/14/17 17:46	7/13/17	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	07/14/17 17:46	7/13/17	
Benzo(b)fluoranthene	9.4 U	9.4	0.64	1	07/14/17 17:46	7/13/17	
Benzo(g,h,i)perylene	9.4 U	9.4	0.74	1	07/14/17 17:46	7/13/17	
Benzo(k)fluoranthene	9.4 U	9.4	1.1	1	07/14/17 17:46	7/13/17	
Biphenyl	9.4 U	9.4	2.5	1	07/14/17 17:46	7/13/17	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.3	1	07/14/17 17:46	7/13/17	
Bis(2-chloroethoxy)methane	9.4 U	9.4	1.4	1	07/14/17 17:46	7/13/17	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	07/14/17 17:46	7/13/17	
Bis(2-ethylhexyl) Phthalate	**27**	9.4	1.4	1	07/14/17 17:46	7/13/17	
Butyl Benzyl Phthalate	9.4 U	9.4	0.80	1	07/14/17 17:46	7/13/17	
Caprolactam	9.4 U	9.4	1.3	1	07/14/17 17:46	7/13/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:10
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-102	**Units:**	ug/L
Lab Code:	R1706281-001	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.2	1	07/14/17 17:46	7/13/17	
Chrysene	9.4 U	9.4	0.74	1	07/14/17 17:46	7/13/17	
Di-n-butyl Phthalate	9.4 U	9.4	1.3	1	07/14/17 17:46	7/13/17	
Di-n-octyl Phthalate	**5.5 J**	9.4	1.3	1	07/14/17 17:46	7/13/17	
Dibenz(a,h)anthracene	9.4 U	9.4	0.72	1	07/14/17 17:46	7/13/17	
Dibenzofuran	9.4 U	9.4	1.7	1	07/14/17 17:46	7/13/17	
Diethyl Phthalate	9.4 U	9.4	0.99	1	07/14/17 17:46	7/13/17	
Dimethyl Phthalate	9.4 U	9.4	1.7	1	07/14/17 17:46	7/13/17	
Fluoranthene	9.4 U	9.4	1.5	1	07/14/17 17:46	7/13/17	
Fluorene	9.4 U	9.4	1.3	1	07/14/17 17:46	7/13/17	
Hexachlorobenzene	9.4 U	9.4	1.4	1	07/14/17 17:46	7/13/17	
Hexachlorobutadiene	9.4 U	9.4	2.4	1	07/14/17 17:46	7/13/17	
Hexachlorocyclopentadiene	9.4 U	9.4	2.3	1	07/14/17 17:46	7/13/17	
Hexachloroethane	9.4 U	9.4	2.7	1	07/14/17 17:46	7/13/17	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	07/14/17 17:46	7/13/17	
Isophorone	9.4 U	9.4	1.3	1	07/14/17 17:46	7/13/17	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.6	1	07/14/17 17:46	7/13/17	
N-Nitrosodiphenylamine	9.4 U	9.4	1.3	1	07/14/17 17:46	7/13/17	
Naphthalene	9.4 U	9.4	2.2	1	07/14/17 17:46	7/13/17	
Nitrobenzene	9.4 U	9.4	1.4	1	07/14/17 17:46	7/13/17	
Pentachlorophenol (PCP)	47 U	47	1.9	1	07/14/17 17:46	7/13/17	
Phenanthrene	9.4 U	9.4	0.69	1	07/14/17 17:46	7/13/17	
Phenol	9.4 U	9.4	1.6	1	07/14/17 17:46	7/13/17	
Pyrene	9.4 U	9.4	0.83	1	07/14/17 17:46	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	60	35 - 141	07/14/17 17:46	
2-Fluorobiphenyl	46	31 - 118	07/14/17 17:46	
2-Fluorophenol	33	10 - 105	07/14/17 17:46	
Nitrobenzene-d5	48	31 - 110	07/14/17 17:46	
Phenol-d6	31	10 - 107	07/14/17 17:46	
Terphenyl-d14	44	30 - 133	07/14/17 17:46	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-101	**Units:**	ug/L
Lab Code:	R1706281-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	2.5	1	07/14/17 11:20	7/13/17	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	1.7	1	07/14/17 11:20	7/13/17	
2,4,5-Trichlorophenol	9.4 U	9.4	3.1	1	07/14/17 11:20	7/13/17	
2,4,6-Trichlorophenol	9.4 U	9.4	1.5	1	07/14/17 11:20	7/13/17	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	07/14/17 11:20	7/13/17	
2,4-Dimethylphenol	**4.6 J**	9.4	1.2	1	07/14/17 11:20	7/13/17	
2,4-Dinitrophenol	47 U	47	2.7	1	07/14/17 11:20	7/13/17	
2,4-Dinitrotoluene	9.4 U	9.4	1.4	1	07/14/17 11:20	7/13/17	
2,6-Dinitrotoluene	9.4 U	9.4	1.1	1	07/14/17 11:20	7/13/17	
2-Chloronaphthalene	9.4 U	9.4	2.7	1	07/14/17 11:20	7/13/17	
2-Chlorophenol	9.4 U	9.4	1.4	1	07/14/17 11:20	7/13/17	
2-Methylnaphthalene	9.4 U	9.4	2.5	1	07/14/17 11:20	7/13/17	
2-Methylphenol	9.4 U	9.4	1.7	1	07/14/17 11:20	7/13/17	
2-Nitroaniline	47 U	47	2.1	1	07/14/17 11:20	7/13/17	
2-Nitrophenol	9.4 U	9.4	1.3	1	07/14/17 11:20	7/13/17	
3,3'-Dichlorobenzidine	9.4 U	9.4	1.1	1	07/14/17 11:20	7/13/17	
3- and 4-Methylphenol Coelution	**5.9 J**	9.4	1.7	1	07/14/17 11:20	7/13/17	
3-Nitroaniline	47 U	47	0.95	1	07/14/17 11:20	7/13/17	
4,6-Dinitro-2-methylphenol	47 U	47	1.6	1	07/14/17 11:20	7/13/17	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	1.3	1	07/14/17 11:20	7/13/17	
4-Chloro-3-methylphenol	9.4 U	9.4	2.0	1	07/14/17 11:20	7/13/17	
4-Chloroaniline	9.4 U	9.4	1.4	1	07/14/17 11:20	7/13/17	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	2.3	1	07/14/17 11:20	7/13/17	
4-Nitroaniline	47 U	47	1.5	1	07/14/17 11:20	7/13/17	
4-Nitrophenol	47 U	47	1.1	1	07/14/17 11:20	7/13/17	
Acenaphthene	9.4 U	9.4	1.6	1	07/14/17 11:20	7/13/17	
Acenaphthylene	9.4 U	9.4	1.6	1	07/14/17 11:20	7/13/17	
Acetophenone	9.4 U	9.4	1.6	1	07/14/17 11:20	7/13/17	
Anthracene	9.4 U	9.4	1.1	1	07/14/17 11:20	7/13/17	
Atrazine	9.4 U	9.4	2.1	1	07/14/17 11:20	7/13/17	
Benz(a)anthracene	9.4 U	9.4	0.66	1	07/14/17 11:20	7/13/17	
Benzaldehyde	47 U	47	2.9	1	07/14/17 11:20	7/13/17	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	07/14/17 11:20	7/13/17	
Benzo(b)fluoranthene	9.4 U	9.4	0.64	1	07/14/17 11:20	7/13/17	
Benzo(g,h,i)perylene	9.4 U	9.4	0.74	1	07/14/17 11:20	7/13/17	
Benzo(k)fluoranthene	9.4 U	9.4	1.1	1	07/14/17 11:20	7/13/17	
Biphenyl	9.4 U	9.4	2.5	1	07/14/17 11:20	7/13/17	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.3	1	07/14/17 11:20	7/13/17	
Bis(2-chloroethoxy)methane	9.4 U	9.4	1.4	1	07/14/17 11:20	7/13/17	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	07/14/17 11:20	7/13/17	
Bis(2-ethylhexyl) Phthalate	**77**	9.4	1.4	1	07/14/17 11:20	7/13/17	
Butyl Benzyl Phthalate	**7.1 J**	9.4	0.80	1	07/14/17 11:20	7/13/17	
Caprolactam	9.4 U	9.4	1.3	1	07/14/17 11:20	7/13/17	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-101	**Units:**	ug/L
Lab Code:	R1706281-003	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.2	1	07/14/17 11:20	7/13/17	
Chrysene	9.4 U	9.4	0.74	1	07/14/17 11:20	7/13/17	
Di-n-butyl Phthalate	9.4 U	9.4	1.3	1	07/14/17 11:20	7/13/17	
Di-n-octyl Phthalate	**14**	9.4	1.3	1	07/14/17 11:20	7/13/17	
Dibenz(a,h)anthracene	9.4 U	9.4	0.72	1	07/14/17 11:20	7/13/17	
Dibenzofuran	9.4 U	9.4	1.7	1	07/14/17 11:20	7/13/17	
Diethyl Phthalate	9.4 U	9.4	0.99	1	07/14/17 11:20	7/13/17	
Dimethyl Phthalate	9.4 U	9.4	1.7	1	07/14/17 11:20	7/13/17	
Fluoranthene	9.4 U	9.4	1.5	1	07/14/17 11:20	7/13/17	
Fluorene	9.4 U	9.4	1.3	1	07/14/17 11:20	7/13/17	
Hexachlorobenzene	9.4 U	9.4	1.4	1	07/14/17 11:20	7/13/17	
Hexachlorobutadiene	9.4 U	9.4	2.4	1	07/14/17 11:20	7/13/17	
Hexachlorocyclopentadiene	9.4 U	9.4	2.3	1	07/14/17 11:20	7/13/17	
Hexachloroethane	9.4 U	9.4	2.7	1	07/14/17 11:20	7/13/17	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	07/14/17 11:20	7/13/17	
Isophorone	9.4 U	9.4	1.3	1	07/14/17 11:20	7/13/17	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.6	1	07/14/17 11:20	7/13/17	
N-Nitrosodiphenylamine	9.4 U	9.4	1.3	1	07/14/17 11:20	7/13/17	
Naphthalene	**2.5 J**	9.4	2.2	1	07/14/17 11:20	7/13/17	
Nitrobenzene	9.4 U	9.4	1.4	1	07/14/17 11:20	7/13/17	
Pentachlorophenol (PCP)	47 U	47	1.9	1	07/14/17 11:20	7/13/17	
Phenanthrene	9.4 U	9.4	0.69	1	07/14/17 11:20	7/13/17	
Phenol	9.4 U	9.4	1.6	1	07/14/17 11:20	7/13/17	
Pyrene	9.4 U	9.4	0.83	1	07/14/17 11:20	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	71	35 - 141	07/14/17 11:20	
2-Fluorobiphenyl	57	31 - 118	07/14/17 11:20	
2-Fluorophenol	39	10 - 105	07/14/17 11:20	
Nitrobenzene-d5	75	31 - 110	07/14/17 11:20	
Phenol-d6	36	10 - 107	07/14/17 11:20	
Terphenyl-d14	75	30 - 133	07/14/17 11:20	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 10:50
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-105	**Units:**	ug/L
Lab Code:	R1706281-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	2.5	1	07/14/17 18:14	7/13/17	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	1.7	1	07/14/17 18:14	7/13/17	
2,4,5-Trichlorophenol	9.4 U	9.4	3.1	1	07/14/17 18:14	7/13/17	
2,4,6-Trichlorophenol	9.4 U	9.4	1.5	1	07/14/17 18:14	7/13/17	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	
2,4-Dimethylphenol	9.4 U	9.4	1.2	1	07/14/17 18:14	7/13/17	
2,4-Dinitrophenol	47 U	47	2.7	1	07/14/17 18:14	7/13/17	
2,4-Dinitrotoluene	9.4 U	9.4	1.4	1	07/14/17 18:14	7/13/17	
2,6-Dinitrotoluene	9.4 U	9.4	1.1	1	07/14/17 18:14	7/13/17	
2-Chloronaphthalene	9.4 U	9.4	2.7	1	07/14/17 18:14	7/13/17	
2-Chlorophenol	9.4 U	9.4	1.4	1	07/14/17 18:14	7/13/17	
2-Methylnaphthalene	9.4 U	9.4	2.5	1	07/14/17 18:14	7/13/17	
2-Methylphenol	9.4 U	9.4	1.7	1	07/14/17 18:14	7/13/17	
2-Nitroaniline	47 U	47	2.1	1	07/14/17 18:14	7/13/17	
2-Nitrophenol	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	
3,3'-Dichlorobenzidine	9.4 U	9.4	1.1	1	07/14/17 18:14	7/13/17	
3- and 4-Methylphenol Coelution	9.4 U	9.4	1.7	1	07/14/17 18:14	7/13/17	
3-Nitroaniline	47 U	47	0.95	1	07/14/17 18:14	7/13/17	
4,6-Dinitro-2-methylphenol	47 U	47	1.6	1	07/14/17 18:14	7/13/17	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	
4-Chloro-3-methylphenol	9.4 U	9.4	2.0	1	07/14/17 18:14	7/13/17	
4-Chloroaniline	9.4 U	9.4	1.4	1	07/14/17 18:14	7/13/17	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	2.3	1	07/14/17 18:14	7/13/17	
4-Nitroaniline	47 U	47	1.5	1	07/14/17 18:14	7/13/17	
4-Nitrophenol	47 U	47	1.1	1	07/14/17 18:14	7/13/17	
Acenaphthene	9.4 U	9.4	1.6	1	07/14/17 18:14	7/13/17	
Acenaphthylene	9.4 U	9.4	1.6	1	07/14/17 18:14	7/13/17	
Acetophenone	9.4 U	9.4	1.6	1	07/14/17 18:14	7/13/17	
Anthracene	9.4 U	9.4	1.1	1	07/14/17 18:14	7/13/17	
Atrazine	9.4 U	9.4	2.1	1	07/14/17 18:14	7/13/17	
Benz(a)anthracene	9.4 U	9.4	0.66	1	07/14/17 18:14	7/13/17	
Benzaldehyde	47 U	47	2.9	1	07/14/17 18:14	7/13/17	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	07/14/17 18:14	7/13/17	
Benzo(b)fluoranthene	9.4 U	9.4	0.64	1	07/14/17 18:14	7/13/17	
Benzo(g,h,i)perylene	9.4 U	9.4	0.74	1	07/14/17 18:14	7/13/17	
Benzo(k)fluoranthene	9.4 U	9.4	1.1	1	07/14/17 18:14	7/13/17	
Biphenyl	9.4 U	9.4	2.5	1	07/14/17 18:14	7/13/17	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	
Bis(2-chloroethoxy)methane	9.4 U	9.4	1.4	1	07/14/17 18:14	7/13/17	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	
Bis(2-ethylhexyl) Phthalate	**3.7 J**	9.4	1.4	1	07/14/17 18:14	7/13/17	
Butyl Benzyl Phthalate	9.4 U	9.4	0.80	1	07/14/17 18:14	7/13/17	
Caprolactam	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 10:50
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-105	**Units:**	ug/L
Lab Code:	R1706281-005	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.2	1	07/14/17 18:14	7/13/17	
Chrysene	9.4 U	9.4	0.74	1	07/14/17 18:14	7/13/17	
Di-n-butyl Phthalate	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	
Di-n-octyl Phthalate	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	
Dibenz(a,h)anthracene	9.4 U	9.4	0.72	1	07/14/17 18:14	7/13/17	
Dibenzofuran	9.4 U	9.4	1.7	1	07/14/17 18:14	7/13/17	
Diethyl Phthalate	9.4 U	9.4	0.99	1	07/14/17 18:14	7/13/17	
Dimethyl Phthalate	9.4 U	9.4	1.7	1	07/14/17 18:14	7/13/17	
Fluoranthene	9.4 U	9.4	1.5	1	07/14/17 18:14	7/13/17	
Fluorene	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	
Hexachlorobenzene	9.4 U	9.4	1.4	1	07/14/17 18:14	7/13/17	
Hexachlorobutadiene	9.4 U	9.4	2.4	1	07/14/17 18:14	7/13/17	
Hexachlorocyclopentadiene	9.4 U	9.4	2.3	1	07/14/17 18:14	7/13/17	
Hexachloroethane	9.4 U	9.4	2.7	1	07/14/17 18:14	7/13/17	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	07/14/17 18:14	7/13/17	
Isophorone	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.6	1	07/14/17 18:14	7/13/17	
N-Nitrosodiphenylamine	9.4 U	9.4	1.3	1	07/14/17 18:14	7/13/17	
Naphthalene	9.4 U	9.4	2.2	1	07/14/17 18:14	7/13/17	
Nitrobenzene	9.4 U	9.4	1.4	1	07/14/17 18:14	7/13/17	
Pentachlorophenol (PCP)	47 U	47	1.9	1	07/14/17 18:14	7/13/17	
Phenanthrene	9.4 U	9.4	0.69	1	07/14/17 18:14	7/13/17	
Phenol	9.4 U	9.4	1.6	1	07/14/17 18:14	7/13/17	
Pyrene	9.4 U	9.4	0.83	1	07/14/17 18:14	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	83	35 - 141	07/14/17 18:14	
2-Fluorobiphenyl	66	31 - 118	07/14/17 18:14	
2-Fluorophenol	41	10 - 105	07/14/17 18:14	
Nitrobenzene-d5	73	31 - 110	07/14/17 18:14	
Phenol-d6	38	10 - 107	07/14/17 18:14	
Terphenyl-d14	87	30 - 133	07/14/17 18:14	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 11:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-103	**Units:**	ug/L
Lab Code:	R1706281-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	19 U	19	5.0	2	07/17/17 08:51	7/13/17	
2,3,4,6-Tetrachlorophenol	19 U	19	3.3	2	07/17/17 08:51	7/13/17	
2,4,5-Trichlorophenol	19 U	19	6.1	2	07/17/17 08:51	7/13/17	
2,4,6-Trichlorophenol	19 U	19	2.9	2	07/17/17 08:51	7/13/17	
2,4-Dichlorophenol	19 U	19	2.6	2	07/17/17 08:51	7/13/17	
2,4-Dimethylphenol	**18 J**	19	2.3	2	07/17/17 08:51	7/13/17	
2,4-Dinitrophenol	94 U	94	5.3	2	07/17/17 08:51	7/13/17	
2,4-Dinitrotoluene	19 U	19	2.7	2	07/17/17 08:51	7/13/17	
2,6-Dinitrotoluene	19 U	19	2.2	2	07/17/17 08:51	7/13/17	
2-Chloronaphthalene	19 U	19	5.3	2	07/17/17 08:51	7/13/17	
2-Chlorophenol	19 U	19	2.8	2	07/17/17 08:51	7/13/17	
2-Methylnaphthalene	19 U	19	5.0	2	07/17/17 08:51	7/13/17	
2-Methylphenol	19 U	19	3.3	2	07/17/17 08:51	7/13/17	
2-Nitroaniline	94 U	94	4.2	2	07/17/17 08:51	7/13/17	
2-Nitrophenol	19 U	19	2.6	2	07/17/17 08:51	7/13/17	
3,3'-Dichlorobenzidine	19 U	19	2.1	2	07/17/17 08:51	7/13/17	
3- and 4-Methylphenol Coelution	19 U	19	3.3	2	07/17/17 08:51	7/13/17	
3-Nitroaniline	94 U	94	1.9	2	07/17/17 08:51	7/13/17	
4,6-Dinitro-2-methylphenol	94 U	94	3.2	2	07/17/17 08:51	7/13/17	
4-Bromophenyl Phenyl Ether	19 U	19	2.5	2	07/17/17 08:51	7/13/17	
4-Chloro-3-methylphenol	19 U	19	3.9	2	07/17/17 08:51	7/13/17	
4-Chloroaniline	19 U	19	2.7	2	07/17/17 08:51	7/13/17	
4-Chlorophenyl Phenyl Ether	19 U	19	4.6	2	07/17/17 08:51	7/13/17	
4-Nitroaniline	94 U	94	2.9	2	07/17/17 08:51	7/13/17	
4-Nitrophenol	94 U	94	2.1	2	07/17/17 08:51	7/13/17	
Acenaphthene	19 U	19	3.2	2	07/17/17 08:51	7/13/17	
Acenaphthylene	19 U	19	3.1	2	07/17/17 08:51	7/13/17	
Acetophenone	19 U	19	3.2	2	07/17/17 08:51	7/13/17	
Anthracene	19 U	19	2.2	2	07/17/17 08:51	7/13/17	
Atrazine	19 U	19	4.2	2	07/17/17 08:51	7/13/17	
Benz(a)anthracene	19 U	19	1.4	2	07/17/17 08:51	7/13/17	
Benzaldehyde	94 U	94	5.7	2	07/17/17 08:51	7/13/17	
Benzo(a)pyrene	19 U	19	2.0	2	07/17/17 08:51	7/13/17	
Benzo(b)fluoranthene	19 U	19	1.3	2	07/17/17 08:51	7/13/17	
Benzo(g,h,i)perylene	19 U	19	1.5	2	07/17/17 08:51	7/13/17	
Benzo(k)fluoranthene	19 U	19	2.1	2	07/17/17 08:51	7/13/17	
Biphenyl	19 U	19	5.0	2	07/17/17 08:51	7/13/17	
2,2'-Oxybis(1-chloropropane)	19 U	19	2.6	2	07/17/17 08:51	7/13/17	
Bis(2-chloroethoxy)methane	19 U	19	2.8	2	07/17/17 08:51	7/13/17	
Bis(2-chloroethyl) Ether	19 U	19	2.5	2	07/17/17 08:51	7/13/17	
Bis(2-ethylhexyl) Phthalate	**160**	19	2.8	2	07/17/17 08:51	7/13/17	
Butyl Benzyl Phthalate	**2.3 J**	19	1.6	2	07/17/17 08:51	7/13/17	
Caprolactam	19 U	19	2.6	2	07/17/17 08:51	7/13/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 11:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-103	**Units:**	ug/L
Lab Code:	R1706281-007	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	19 U	19	2.3	2	07/17/17 08:51	7/13/17	
Chrysene	19 U	19	1.5	2	07/17/17 08:51	7/13/17	
Di-n-butyl Phthalate	19 U	19	2.5	2	07/17/17 08:51	7/13/17	
Di-n-octyl Phthalate	**32**	19	2.5	2	07/17/17 08:51	7/13/17	
Dibenz(a,h)anthracene	19 U	19	1.5	2	07/17/17 08:51	7/13/17	
Dibenzofuran	19 U	19	3.4	2	07/17/17 08:51	7/13/17	
Diethyl Phthalate	19 U	19	2.0	2	07/17/17 08:51	7/13/17	
Dimethyl Phthalate	19 U	19	3.3	2	07/17/17 08:51	7/13/17	
Fluoranthene	19 U	19	3.0	2	07/17/17 08:51	7/13/17	
Fluorene	19 U	19	2.6	2	07/17/17 08:51	7/13/17	
Hexachlorobenzene	19 U	19	2.7	2	07/17/17 08:51	7/13/17	
Hexachlorobutadiene	19 U	19	4.8	2	07/17/17 08:51	7/13/17	
Hexachlorocyclopentadiene	19 U	19	4.5	2	07/17/17 08:51	7/13/17	
Hexachloroethane	19 U	19	5.3	2	07/17/17 08:51	7/13/17	
Indeno(1,2,3-cd)pyrene	19 U	19	2.3	2	07/17/17 08:51	7/13/17	
Isophorone	19 U	19	2.6	2	07/17/17 08:51	7/13/17	
N-Nitrosodi-n-propylamine	19 U	19	3.2	2	07/17/17 08:51	7/13/17	
N-Nitrosodiphenylamine	19 U	19	2.6	2	07/17/17 08:51	7/13/17	
Naphthalene	19 U	19	4.3	2	07/17/17 08:51	7/13/17	
Nitrobenzene	19 U	19	2.8	2	07/17/17 08:51	7/13/17	
Pentachlorophenol (PCP)	94 U	94	3.8	2	07/17/17 08:51	7/13/17	
Phenanthrene	19 U	19	1.4	2	07/17/17 08:51	7/13/17	
Phenol	19 U	19	3.2	2	07/17/17 08:51	7/13/17	
Pyrene	19 U	19	1.7	2	07/17/17 08:51	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	69	35 - 141	07/17/17 08:51	
2-Fluorobiphenyl	58	31 - 118	07/17/17 08:51	
2-Fluorophenol	39	10 - 105	07/17/17 08:51	
Nitrobenzene-d5	72	31 - 110	07/17/17 08:51	
Phenol-d6	35	10 - 107	07/17/17 08:51	
Terphenyl-d14	81	30 - 133	07/17/17 08:51	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:00
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-104	**Units:**	ug/L
Lab Code:	R1706281-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	2.5	1	07/14/17 18:41	7/13/17	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	1.7	1	07/14/17 18:41	7/13/17	
2,4,5-Trichlorophenol	9.4 U	9.4	3.1	1	07/14/17 18:41	7/13/17	
2,4,6-Trichlorophenol	9.4 U	9.4	1.5	1	07/14/17 18:41	7/13/17	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	
2,4-Dimethylphenol	9.4 U	9.4	1.2	1	07/14/17 18:41	7/13/17	
2,4-Dinitrophenol	47 U	47	2.7	1	07/14/17 18:41	7/13/17	
2,4-Dinitrotoluene	9.4 U	9.4	1.4	1	07/14/17 18:41	7/13/17	
2,6-Dinitrotoluene	9.4 U	9.4	1.1	1	07/14/17 18:41	7/13/17	
2-Chloronaphthalene	9.4 U	9.4	2.7	1	07/14/17 18:41	7/13/17	
2-Chlorophenol	9.4 U	9.4	1.4	1	07/14/17 18:41	7/13/17	
2-Methylnaphthalene	9.4 U	9.4	2.5	1	07/14/17 18:41	7/13/17	
2-Methylphenol	9.4 U	9.4	1.7	1	07/14/17 18:41	7/13/17	
2-Nitroaniline	47 U	47	2.1	1	07/14/17 18:41	7/13/17	
2-Nitrophenol	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	
3,3'-Dichlorobenzidine	9.4 U	9.4	1.1	1	07/14/17 18:41	7/13/17	
3- and 4-Methylphenol Coelution	9.4 U	9.4	1.7	1	07/14/17 18:41	7/13/17	
3-Nitroaniline	47 U	47	0.95	1	07/14/17 18:41	7/13/17	
4,6-Dinitro-2-methylphenol	47 U	47	1.6	1	07/14/17 18:41	7/13/17	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	
4-Chloro-3-methylphenol	9.4 U	9.4	2.0	1	07/14/17 18:41	7/13/17	
4-Chloroaniline	9.4 U	9.4	1.4	1	07/14/17 18:41	7/13/17	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	2.3	1	07/14/17 18:41	7/13/17	
4-Nitroaniline	47 U	47	1.5	1	07/14/17 18:41	7/13/17	
4-Nitrophenol	47 U	47	1.1	1	07/14/17 18:41	7/13/17	
Acenaphthene	9.4 U	9.4	1.6	1	07/14/17 18:41	7/13/17	
Acenaphthylene	9.4 U	9.4	1.6	1	07/14/17 18:41	7/13/17	
Acetophenone	9.4 U	9.4	1.6	1	07/14/17 18:41	7/13/17	
Anthracene	9.4 U	9.4	1.1	1	07/14/17 18:41	7/13/17	
Atrazine	9.4 U	9.4	2.1	1	07/14/17 18:41	7/13/17	
Benz(a)anthracene	9.4 U	9.4	0.66	1	07/14/17 18:41	7/13/17	
Benzaldehyde	47 U	47	2.9	1	07/14/17 18:41	7/13/17	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	07/14/17 18:41	7/13/17	
Benzo(b)fluoranthene	9.4 U	9.4	0.64	1	07/14/17 18:41	7/13/17	
Benzo(g,h,i)perylene	9.4 U	9.4	0.74	1	07/14/17 18:41	7/13/17	
Benzo(k)fluoranthene	9.4 U	9.4	1.1	1	07/14/17 18:41	7/13/17	
Biphenyl	9.4 U	9.4	2.5	1	07/14/17 18:41	7/13/17	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	
Bis(2-chloroethoxy)methane	9.4 U	9.4	1.4	1	07/14/17 18:41	7/13/17	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	
Bis(2-ethylhexyl) Phthalate	9.4 U	9.4	1.4	1	07/14/17 18:41	7/13/17	
Butyl Benzyl Phthalate	9.4 U	9.4	0.80	1	07/14/17 18:41	7/13/17	
Caprolactam	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:00
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-104	**Units:**	ug/L
Lab Code:	R1706281-009	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.2	1	07/14/17 18:41	7/13/17	
Chrysene	9.4 U	9.4	0.74	1	07/14/17 18:41	7/13/17	
Di-n-butyl Phthalate	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	
Di-n-octyl Phthalate	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	
Dibenz(a,h)anthracene	9.4 U	9.4	0.72	1	07/14/17 18:41	7/13/17	
Dibenzofuran	9.4 U	9.4	1.7	1	07/14/17 18:41	7/13/17	
Diethyl Phthalate	9.4 U	9.4	0.99	1	07/14/17 18:41	7/13/17	
Dimethyl Phthalate	9.4 U	9.4	1.7	1	07/14/17 18:41	7/13/17	
Fluoranthene	9.4 U	9.4	1.5	1	07/14/17 18:41	7/13/17	
Fluorene	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	
Hexachlorobenzene	9.4 U	9.4	1.4	1	07/14/17 18:41	7/13/17	
Hexachlorobutadiene	9.4 U	9.4	2.4	1	07/14/17 18:41	7/13/17	
Hexachlorocyclopentadiene	9.4 U	9.4	2.3	1	07/14/17 18:41	7/13/17	
Hexachloroethane	9.4 U	9.4	2.7	1	07/14/17 18:41	7/13/17	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	07/14/17 18:41	7/13/17	
Isophorone	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.6	1	07/14/17 18:41	7/13/17	
N-Nitrosodiphenylamine	9.4 U	9.4	1.3	1	07/14/17 18:41	7/13/17	
Naphthalene	9.4 U	9.4	2.2	1	07/14/17 18:41	7/13/17	
Nitrobenzene	9.4 U	9.4	1.4	1	07/14/17 18:41	7/13/17	
Pentachlorophenol (PCP)	47 U	47	1.9	1	07/14/17 18:41	7/13/17	
Phenanthrene	9.4 U	9.4	0.69	1	07/14/17 18:41	7/13/17	
Phenol	9.4 U	9.4	1.6	1	07/14/17 18:41	7/13/17	
Pyrene	9.4 U	9.4	0.83	1	07/14/17 18:41	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	91	35 - 141	07/14/17 18:41	
2-Fluorobiphenyl	71	31 - 118	07/14/17 18:41	
2-Fluorophenol	44	10 - 105	07/14/17 18:41	
Nitrobenzene-d5	77	31 - 110	07/14/17 18:41	
Phenol-d6	39	10 - 107	07/14/17 18:41	
Terphenyl-d14	90	30 - 133	07/14/17 18:41	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:45
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-106	**Units:**	ug/L
Lab Code:	R1706281-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	2.5	1	07/14/17 19:09	7/13/17	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	1.7	1	07/14/17 19:09	7/13/17	
2,4,5-Trichlorophenol	9.4 U	9.4	3.1	1	07/14/17 19:09	7/13/17	
2,4,6-Trichlorophenol	9.4 U	9.4	1.5	1	07/14/17 19:09	7/13/17	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	
2,4-Dimethylphenol	9.4 U	9.4	1.2	1	07/14/17 19:09	7/13/17	
2,4-Dinitrophenol	47 U	47	2.7	1	07/14/17 19:09	7/13/17	
2,4-Dinitrotoluene	9.4 U	9.4	1.4	1	07/14/17 19:09	7/13/17	
2,6-Dinitrotoluene	9.4 U	9.4	1.1	1	07/14/17 19:09	7/13/17	
2-Chloronaphthalene	9.4 U	9.4	2.7	1	07/14/17 19:09	7/13/17	
2-Chlorophenol	9.4 U	9.4	1.4	1	07/14/17 19:09	7/13/17	
2-Methylnaphthalene	9.4 U	9.4	2.5	1	07/14/17 19:09	7/13/17	
2-Methylphenol	9.4 U	9.4	1.7	1	07/14/17 19:09	7/13/17	
2-Nitroaniline	47 U	47	2.1	1	07/14/17 19:09	7/13/17	
2-Nitrophenol	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	
3,3'-Dichlorobenzidine	9.4 U	9.4	1.1	1	07/14/17 19:09	7/13/17	
3- and 4-Methylphenol Coelution	9.4 U	9.4	1.7	1	07/14/17 19:09	7/13/17	
3-Nitroaniline	47 U	47	0.95	1	07/14/17 19:09	7/13/17	
4,6-Dinitro-2-methylphenol	47 U	47	1.6	1	07/14/17 19:09	7/13/17	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	
4-Chloro-3-methylphenol	9.4 U	9.4	2.0	1	07/14/17 19:09	7/13/17	
4-Chloroaniline	9.4 U	9.4	1.4	1	07/14/17 19:09	7/13/17	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	2.3	1	07/14/17 19:09	7/13/17	
4-Nitroaniline	47 U	47	1.5	1	07/14/17 19:09	7/13/17	
4-Nitrophenol	47 U	47	1.1	1	07/14/17 19:09	7/13/17	
Acenaphthene	9.4 U	9.4	1.6	1	07/14/17 19:09	7/13/17	
Acenaphthylene	9.4 U	9.4	1.6	1	07/14/17 19:09	7/13/17	
Acetophenone	9.4 U	9.4	1.6	1	07/14/17 19:09	7/13/17	
Anthracene	9.4 U	9.4	1.1	1	07/14/17 19:09	7/13/17	
Atrazine	9.4 U	9.4	2.1	1	07/14/17 19:09	7/13/17	
Benz(a)anthracene	9.4 U	9.4	0.66	1	07/14/17 19:09	7/13/17	
Benzaldehyde	47 U	47	2.9	1	07/14/17 19:09	7/13/17	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	07/14/17 19:09	7/13/17	
Benzo(b)fluoranthene	9.4 U	9.4	0.64	1	07/14/17 19:09	7/13/17	
Benzo(g,h,i)perylene	9.4 U	9.4	0.74	1	07/14/17 19:09	7/13/17	
Benzo(k)fluoranthene	9.4 U	9.4	1.1	1	07/14/17 19:09	7/13/17	
Biphenyl	9.4 U	9.4	2.5	1	07/14/17 19:09	7/13/17	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	
Bis(2-chloroethoxy)methane	9.4 U	9.4	1.4	1	07/14/17 19:09	7/13/17	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	
Bis(2-ethylhexyl) Phthalate	9.4 U	9.4	1.4	1	07/14/17 19:09	7/13/17	
Butyl Benzyl Phthalate	9.4 U	9.4	0.80	1	07/14/17 19:09	7/13/17	
Caprolactam	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:45
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-106	**Units:**	ug/L
Lab Code:	R1706281-011	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.2	1	07/14/17 19:09	7/13/17	
Chrysene	9.4 U	9.4	0.74	1	07/14/17 19:09	7/13/17	
Di-n-butyl Phthalate	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	
Di-n-octyl Phthalate	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	
Dibenz(a,h)anthracene	9.4 U	9.4	0.72	1	07/14/17 19:09	7/13/17	
Dibenzofuran	9.4 U	9.4	1.7	1	07/14/17 19:09	7/13/17	
Diethyl Phthalate	9.4 U	9.4	0.99	1	07/14/17 19:09	7/13/17	
Dimethyl Phthalate	9.4 U	9.4	1.7	1	07/14/17 19:09	7/13/17	
Fluoranthene	9.4 U	9.4	1.5	1	07/14/17 19:09	7/13/17	
Fluorene	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	
Hexachlorobenzene	9.4 U	9.4	1.4	1	07/14/17 19:09	7/13/17	
Hexachlorobutadiene	9.4 U	9.4	2.4	1	07/14/17 19:09	7/13/17	
Hexachlorocyclopentadiene	9.4 U	9.4	2.3	1	07/14/17 19:09	7/13/17	
Hexachloroethane	9.4 U	9.4	2.7	1	07/14/17 19:09	7/13/17	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	07/14/17 19:09	7/13/17	
Isophorone	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.6	1	07/14/17 19:09	7/13/17	
N-Nitrosodiphenylamine	9.4 U	9.4	1.3	1	07/14/17 19:09	7/13/17	
Naphthalene	9.4 U	9.4	2.2	1	07/14/17 19:09	7/13/17	
Nitrobenzene	9.4 U	9.4	1.4	1	07/14/17 19:09	7/13/17	
Pentachlorophenol (PCP)	47 U	47	1.9	1	07/14/17 19:09	7/13/17	
Phenanthrene	9.4 U	9.4	0.69	1	07/14/17 19:09	7/13/17	
Phenol	9.4 U	9.4	1.6	1	07/14/17 19:09	7/13/17	
Pyrene	9.4 U	9.4	0.83	1	07/14/17 19:09	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	86	35 - 141	07/14/17 19:09	
2-Fluorobiphenyl	65	31 - 118	07/14/17 19:09	
2-Fluorophenol	44	10 - 105	07/14/17 19:09	
Nitrobenzene-d5	76	31 - 110	07/14/17 19:09	
Phenol-d6	39	10 - 107	07/14/17 19:09	
Terphenyl-d14	67	30 - 133	07/14/17 19:09	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 15:30
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-01	**Units:**	ug/L
Lab Code:	R1706281-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	9.4 U	9.4	2.5	1	07/19/17 13:49	7/17/17	
2,3,4,6-Tetrachlorophenol	9.4 U	9.4	1.7	1	07/19/17 13:49	7/17/17	
2,4,5-Trichlorophenol	9.4 U	9.4	3.1	1	07/19/17 13:49	7/17/17	
2,4,6-Trichlorophenol	9.4 U	9.4	1.5	1	07/19/17 13:49	7/17/17	
2,4-Dichlorophenol	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	
2,4-Dimethylphenol	9.4 U	9.4	1.2	1	07/19/17 13:49	7/17/17	
2,4-Dinitrophenol	47 U	47	2.7	1	07/19/17 13:49	7/17/17	
2,4-Dinitrotoluene	9.4 U	9.4	1.4	1	07/19/17 13:49	7/17/17	
2,6-Dinitrotoluene	9.4 U	9.4	1.1	1	07/19/17 13:49	7/17/17	
2-Chloronaphthalene	9.4 U	9.4	2.7	1	07/19/17 13:49	7/17/17	
2-Chlorophenol	9.4 U	9.4	1.4	1	07/19/17 13:49	7/17/17	
2-Methylnaphthalene	9.4 U	9.4	2.5	1	07/19/17 13:49	7/17/17	
2-Methylphenol	9.4 U	9.4	1.7	1	07/19/17 13:49	7/17/17	
2-Nitroaniline	47 U	47	2.1	1	07/19/17 13:49	7/17/17	
2-Nitrophenol	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	
3,3'-Dichlorobenzidine	9.4 U	9.4	1.1	1	07/19/17 13:49	7/17/17	
3- and 4-Methylphenol Coelution	9.4 U	9.4	1.7	1	07/19/17 13:49	7/17/17	
3-Nitroaniline	47 U	47	0.95	1	07/19/17 13:49	7/17/17	
4,6-Dinitro-2-methylphenol	47 U	47	1.6	1	07/19/17 13:49	7/17/17	
4-Bromophenyl Phenyl Ether	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	
4-Chloro-3-methylphenol	9.4 U	9.4	2.0	1	07/19/17 13:49	7/17/17	
4-Chloroaniline	9.4 U	9.4	1.4	1	07/19/17 13:49	7/17/17	
4-Chlorophenyl Phenyl Ether	9.4 U	9.4	2.3	1	07/19/17 13:49	7/17/17	
4-Nitroaniline	47 U	47	1.5	1	07/19/17 13:49	7/17/17	
4-Nitrophenol	47 U	47	1.1	1	07/19/17 13:49	7/17/17	
Acenaphthene	9.4 U	9.4	1.6	1	07/19/17 13:49	7/17/17	
Acenaphthylene	9.4 U	9.4	1.6	1	07/19/17 13:49	7/17/17	
Acetophenone	9.4 U	9.4	1.6	1	07/19/17 13:49	7/17/17	
Anthracene	9.4 U	9.4	1.1	1	07/19/17 13:49	7/17/17	
Atrazine	9.4 U	9.4	2.1	1	07/19/17 13:49	7/17/17	
Benz(a)anthracene	9.4 U	9.4	0.66	1	07/19/17 13:49	7/17/17	
Benzaldehyde	47 U	47	2.9	1	07/19/17 13:49	7/17/17	
Benzo(a)pyrene	9.4 U	9.4	1.0	1	07/19/17 13:49	7/17/17	
Benzo(b)fluoranthene	9.4 U	9.4	0.64	1	07/19/17 13:49	7/17/17	
Benzo(g,h,i)perylene	9.4 U	9.4	0.74	1	07/19/17 13:49	7/17/17	
Benzo(k)fluoranthene	9.4 U	9.4	1.1	1	07/19/17 13:49	7/17/17	
Biphenyl	9.4 U	9.4	2.5	1	07/19/17 13:49	7/17/17	
2,2'-Oxybis(1-chloropropane)	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	
Bis(2-chloroethoxy)methane	9.4 U	9.4	1.4	1	07/19/17 13:49	7/17/17	
Bis(2-chloroethyl) Ether	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	
Bis(2-ethylhexyl) Phthalate	9.4 U	9.4	1.4	1	07/19/17 13:49	7/17/17	
Butyl Benzyl Phthalate	9.4 U	9.4	0.80	1	07/19/17 13:49	7/17/17	
Caprolactam	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 15:30
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-01	**Units:**	ug/L
Lab Code:	R1706281-013	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	9.4 U	9.4	1.2	1	07/19/17 13:49	7/17/17	
Chrysene	9.4 U	9.4	0.74	1	07/19/17 13:49	7/17/17	
Di-n-butyl Phthalate	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	
Di-n-octyl Phthalate	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	
Dibenz(a,h)anthracene	9.4 U	9.4	0.72	1	07/19/17 13:49	7/17/17	
Dibenzofuran	9.4 U	9.4	1.7	1	07/19/17 13:49	7/17/17	
Diethyl Phthalate	9.4 U	9.4	0.99	1	07/19/17 13:49	7/17/17	
Dimethyl Phthalate	9.4 U	9.4	1.7	1	07/19/17 13:49	7/17/17	
Fluoranthene	9.4 U	9.4	1.5	1	07/19/17 13:49	7/17/17	
Fluorene	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	
Hexachlorobenzene	9.4 U	9.4	1.4	1	07/19/17 13:49	7/17/17	
Hexachlorobutadiene	9.4 U	9.4	2.4	1	07/19/17 13:49	7/17/17	
Hexachlorocyclopentadiene	9.4 U	9.4	2.3	1	07/19/17 13:49	7/17/17	
Hexachloroethane	9.4 U	9.4	2.7	1	07/19/17 13:49	7/17/17	
Indeno(1,2,3-cd)pyrene	9.4 U	9.4	1.2	1	07/19/17 13:49	7/17/17	
Isophorone	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	
N-Nitrosodi-n-propylamine	9.4 U	9.4	1.6	1	07/19/17 13:49	7/17/17	
N-Nitrosodiphenylamine	9.4 U	9.4	1.3	1	07/19/17 13:49	7/17/17	
Naphthalene	9.4 U	9.4	2.2	1	07/19/17 13:49	7/17/17	
Nitrobenzene	9.4 U	9.4	1.4	1	07/19/17 13:49	7/17/17	
Pentachlorophenol (PCP)	47 U	47	1.9	1	07/19/17 13:49	7/17/17	
Phenanthrene	9.4 U	9.4	0.69	1	07/19/17 13:49	7/17/17	
Phenol	9.4 U	9.4	1.6	1	07/19/17 13:49	7/17/17	
Pyrene	9.4 U	9.4	0.83	1	07/19/17 13:49	7/17/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	68	35 - 141	07/19/17 13:49	
2-Fluorobiphenyl	59	31 - 118	07/19/17 13:49	
2-Fluorophenol	31	10 - 105	07/19/17 13:49	
Nitrobenzene-d5	61	31 - 110	07/19/17 13:49	
Phenol-d6	28	10 - 107	07/19/17 13:49	
Terphenyl-d14	68	30 - 133	07/19/17 13:49	

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:10
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-102	**Units:**	ug/L
Lab Code:	R1706281-001	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 13:07	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 13:07	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 13:07	7/13/17	
Aroclor 1242	**0.29**	0.050	0.025	1	07/14/17 13:07	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 13:07	7/13/17	
Aroclor 1254	**0.046 J**	0.050	0.025	1	07/14/17 13:07	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 13:07	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 125	07/14/17 13:07	
Tetrachloro-m-xylene	79	18 - 126	07/14/17 13:07	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:10
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-102 Dissolved	**Units:**	ug/L
Lab Code:	R1706281-002	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 13:27	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 13:27	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 13:27	7/13/17	
Aroclor 1242	0.050 U	0.050	0.025	1	07/14/17 13:27	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 13:27	7/13/17	
Aroclor 1254	0.050 U	0.050	0.025	1	07/14/17 13:27	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 13:27	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	56	10 - 125	07/14/17 13:27	
Tetrachloro-m-xylene	76	18 - 126	07/14/17 13:27	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-101	**Units:**	ug/L
Lab Code:	R1706281-003	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 13:46	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 13:46	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 13:46	7/13/17	
Aroclor 1242	**0.84**	0.050	0.025	1	07/14/17 13:46	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 13:46	7/13/17	
Aroclor 1254	**0.49**	0.050	0.025	1	07/14/17 13:46	7/13/17	
Aroclor 1260	**0.23**	0.050	0.025	1	07/14/17 13:46	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	31	10 - 125	07/14/17 13:46	
Tetrachloro-m-xylene	65	18 - 126	07/14/17 13:46	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-101 Dissolved	**Units:**	ug/L
Lab Code:	R1706281-004	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 14:06	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 14:06	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 14:06	7/13/17	
Aroclor 1242	**0.064**	0.050	0.025	1	07/14/17 14:06	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 14:06	7/13/17	
Aroclor 1254	0.050 U	0.050	0.025	1	07/14/17 14:06	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 14:06	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	39	10 - 125	07/14/17 14:06	
Tetrachloro-m-xylene	71	18 - 126	07/14/17 14:06	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 10:50
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-105	**Units:**	ug/L
Lab Code:	R1706281-005	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 14:26	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 14:26	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 14:26	7/13/17	
Aroclor 1242	**0.34**	0.050	0.025	1	07/14/17 14:26	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 14:26	7/13/17	
Aroclor 1254	**0.038 J**	0.050	0.025	1	07/14/17 14:26	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 14:26	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	74	10 - 125	07/14/17 14:26	
Tetrachloro-m-xylene	75	18 - 126	07/14/17 14:26	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 10:50
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-105 Dissolved	**Units:**	ug/L
Lab Code:	R1706281-006	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 14:45	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 14:45	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 14:45	7/13/17	
Aroclor 1242	0.050 U	0.050	0.025	1	07/14/17 14:45	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 14:45	7/13/17	
Aroclor 1254	0.050 U	0.050	0.025	1	07/14/17 14:45	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 14:45	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	83	10 - 125	07/14/17 14:45	
Tetrachloro-m-xylene	75	18 - 126	07/14/17 14:45	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 11:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-103	**Units:**	ug/L
Lab Code:	R1706281-007	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 15:05	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 15:05	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 15:05	7/13/17	
Aroclor 1242	**0.81**	0.050	0.025	1	07/14/17 15:05	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 15:05	7/13/17	
Aroclor 1254	**0.45**	0.050	0.025	1	07/14/17 15:05	7/13/17	
Aroclor 1260	**0.12**	0.050	0.025	1	07/14/17 15:05	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	23	10 - 125	07/14/17 15:05	
Tetrachloro-m-xylene	71	18 - 126	07/14/17 15:05	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 11:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-103 Dissolved	**Units:**	ug/L
Lab Code:	R1706281-008	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 16:23	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 16:23	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 16:23	7/13/17	
Aroclor 1242	**0.60**	0.050	0.025	1	07/14/17 16:23	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 16:23	7/13/17	
Aroclor 1254	**0.39**	0.050	0.025	1	07/14/17 16:23	7/13/17	
Aroclor 1260	**0.12**	0.050	0.025	1	07/14/17 16:23	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	27	10 - 125	07/14/17 16:23	
Tetrachloro-m-xylene	65	18 - 126	07/14/17 16:23	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:00
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-104	**Units:**	ug/L
Lab Code:	R1706281-009	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 17:22	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 17:22	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 17:22	7/13/17	
Aroclor 1242	**0.74**	0.050	0.025	1	07/14/17 17:22	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 17:22	7/13/17	
Aroclor 1254	**0.040 J**	0.050	0.025	1	07/14/17 17:22	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 17:22	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	63	10 - 125	07/14/17 17:22	
Tetrachloro-m-xylene	81	18 - 126	07/14/17 17:22	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:00
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-104 Dissolved	**Units:**	ug/L
Lab Code:	R1706281-010	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 17:42	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 17:42	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 17:42	7/13/17	
Aroclor 1242	0.050 U	0.050	0.025	1	07/14/17 17:42	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 17:42	7/13/17	
Aroclor 1254	0.050 U	0.050	0.025	1	07/14/17 17:42	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 17:42	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	72	10 - 125	07/14/17 17:42	
Tetrachloro-m-xylene	82	18 - 126	07/14/17 17:42	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:45
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-106	**Units:**	ug/L
Lab Code:	R1706281-011	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 18:01	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 18:01	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 18:01	7/13/17	
Aroclor 1242	**0.10**	0.050	0.025	1	07/14/17 18:01	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 18:01	7/13/17	
Aroclor 1254	**0.051**	0.050	0.025	1	07/14/17 18:01	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 18:01	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	50	10 - 125	07/14/17 18:01	
Tetrachloro-m-xylene	77	18 - 126	07/14/17 18:01	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:45
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-106 Dissolved	**Units:**	ug/L
Lab Code:	R1706281-012	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 18:21	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 18:21	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 18:21	7/13/17	
Aroclor 1242	0.050 U	0.050	0.025	1	07/14/17 18:21	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 18:21	7/13/17	
Aroclor 1254	0.050 U	0.050	0.025	1	07/14/17 18:21	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 18:21	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	54	10 - 125	07/14/17 18:21	
Tetrachloro-m-xylene	70	18 - 126	07/14/17 18:21	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 15:30
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-01	**Units:**	ug/L
Lab Code:	R1706281-013	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 18:41	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 18:41	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 18:41	7/13/17	
Aroclor 1242	0.050 U	0.050	0.025	1	07/14/17 18:41	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 18:41	7/13/17	
Aroclor 1254	0.050 U	0.050	0.025	1	07/14/17 18:41	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 18:41	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	9 *	10 - 125	07/14/17 18:41	*
Tetrachloro-m-xylene	55	18 - 126	07/14/17 18:41	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 15:30
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-01	**Units:**	ug/L
Lab Code:	R1706281-013	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.047 U	0.047	0.037	1	07/24/17 15:40	7/20/17	*
Aroclor 1221	0.047 U	0.047	0.035	1	07/24/17 15:40	7/20/17	*
Aroclor 1232	0.047 U	0.047	0.025	1	07/24/17 15:40	7/20/17	*
Aroclor 1242	0.047 U	0.047	0.025	1	07/24/17 15:40	7/20/17	*
Aroclor 1248	0.047 U	0.047	0.027	1	07/24/17 15:40	7/20/17	*
Aroclor 1254	0.047 U	0.047	0.025	1	07/24/17 15:40	7/20/17	*
Aroclor 1260	0.047 U	0.047	0.025	1	07/24/17 15:40	7/20/17	*

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	23	10 - 125	07/24/17 15:40	
Tetrachloro-m-xylene	74	18 - 126	07/24/17 15:40	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 15:30
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-01 Dissolved	**Units:**	ug/L
Lab Code:	R1706281-014	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 19:20	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 19:20	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 19:20	7/13/17	
Aroclor 1242	0.050 U	0.050	0.025	1	07/14/17 19:20	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 19:20	7/13/17	
Aroclor 1254	0.050 U	0.050	0.025	1	07/14/17 19:20	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 19:20	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	51	10 - 125	07/14/17 19:20	
Tetrachloro-m-xylene	80	18 - 126	07/14/17 19:20	

Metals

ALS Environmental—Rochester Laboratory
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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-MW-102
Project No.:	R1706281	**Date Collected:**	7/11/2017
Project Name:		**Date Received:**	7/11/2017
Matrix:	WATER	**Units:**	ug/L
		Basis:	

Sample Name: FT-MW-102 **Lab Code:** R1706281-001

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	100	U	
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	10.0	U	
Barium	6010C	20.0	13.0	1.0	2540		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	46700		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	50.0	U	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	8160		
Lead	6010C	5.0	3.6	1.0	11.9		
Magnesium	6010C	1000	212	1.0	19500		
Manganese	6010C	10.0	4.9	1.0	47.2		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	7900		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	33700		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	76.8		

% Solids: 0.0

Comments:

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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-MW-102
Project No.:	R1706281	**Date Collected:**	7/11/2017
Project Name:		**Date Received:**	7/11/2017
Matrix:	WATER	**Units:**	ug/L
		Basis:	

Sample Name: FT-MW-102 Dissolved **Lab Code:** R1706281-002

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	100	U	
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	5.5	J	
Barium	6010C	20.0	13.0	1.0	2580		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	47200		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	50.0	U	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	7850		
Lead	6010C	5.0	3.6	1.0	5.0	U	
Magnesium	6010C	1000	212	1.0	19700		
Manganese	6010C	10.0	4.9	1.0	44.8		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	7990		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	34400		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	61.3		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-MW-102
Project No.: R1706281
Date Collected: 7/11/2017
Project Name:
Date Received: 7/11/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-MW-101
Lab Code: R1706281-003

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	139		
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	10.0	U	
Barium	6010C	20.0	13.0	1.0	2180		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	48500		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	50.0	U	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	18100		
Lead	6010C	5.0	3.6	1.0	5.7		
Magnesium	6010C	1000	212	1.0	15400		
Manganese	6010C	10.0	4.9	1.0	383		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	11300		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	88000		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	29.7		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-MW-102
Project No.: R1706281
Date Collected: 7/11/2017
Project Name:
Date Received: 7/11/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-MW-101 Dissolved
Lab Code: R1706281-004

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	100	U	
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	10.0	U	
Barium	6010C	20.0	13.0	1.0	2080		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	48300		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	50.0	U	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	16600		
Lead	6010C	5.0	3.6	1.0	5.0	U	
Magnesium	6010C	1000	212	1.0	15300		
Manganese	6010C	10.0	4.9	1.0	415		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	11300		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	87900		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	24.4		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-MW-102
Project No.: R1706281
Date Collected: 7/11/2017
Project Name:
Date Received: 7/11/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-MW-105
Lab Code: R1706281-005

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	240		
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	6.4	J	
Barium	6010C	20.0	13.0	1.0	429		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	69400		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	3.7	J	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	20800		
Lead	6010C	5.0	3.6	1.0	5.0	U	
Magnesium	6010C	1000	212	1.0	15900		
Manganese	6010C	10.0	4.9	1.0	3120		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	6630		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	13300		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	17.1	J	

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-MW-102
Project No.:	R1706281	**Date Collected:**	7/11/2017
Project Name:		**Date Received:**	7/11/2017
Matrix:	WATER	**Units:**	ug/L
		Basis:	

Sample Name: **FT-MW-105 Dissolved** **Lab Code:** **R1706281-006**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	100	U	
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	8.0	J	
Barium	6010C	20.0	13.0	1.0	421		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	69100		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	3.7	J	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	20800		
Lead	6010C	5.0	3.6	1.0	5.0	U	
Magnesium	6010C	1000	212	1.0	15800		
Manganese	6010C	10.0	4.9	1.0	3090		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	6510		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	13300		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	13.3	J	

% Solids: **0.0**

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-MW-102
Project No.: R1706281
Date Collected: 7/11/2017
Project Name:
Date Received: 7/11/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-MW-103
Lab Code: R1706281-007

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	358		
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	3.8	J	
Barium	6010C	20.0	13.0	1.0	1420		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	0.900	J	
Mercury	7470A	0.200	0.090	1.0	0.093	J	
Calcium	6010C	1000	309	1.0	13300		
Chromium	6010C	10.0	2.7	1.0	3.0	J	
Cobalt	6010C	50.0	2.9	1.0	50.0	U	
Copper	6010C	20.0	9.3	1.0	14.2	J	
Iron	6010C	100	72.4	1.0	6100		
Lead	6010C	5.0	3.6	1.0	63.9		
Magnesium	6010C	1000	212	1.0	21400		
Manganese	6010C	10.0	4.9	1.0	55.2		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	21000		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	10000	3730	10.0	157000		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	117		

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-MW-102
Project No.: R1706281
Date Collected: 7/11/2017
Project Name:
Date Received: 7/11/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-MW-103 Dissolved
Lab Code: R1706281-008

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	100	U	
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	6.0	J	
Barium	6010C	20.0	13.0	1.0	1390		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	13000		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	50.0	U	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	5320		
Lead	6010C	5.0	3.6	1.0	7.3		
Magnesium	6010C	1000	212	1.0	21200		
Manganese	6010C	10.0	4.9	1.0	49.0		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	20700		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	10000	3730	10.0	152000		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	44.8		

% Solids: 0.0

Comments:

METALS
- 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-MW-102
Project No.: R1706281
Date Collected: 7/11/2017
Project Name:
Date Received: 7/11/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-MW-104
Lab Code: R1706281-009

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	1370		
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	6.9	J	
Barium	6010C	20.0	13.0	1.0	568		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	167000		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	14.9	J	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	28000		
Lead	6010C	5.0	3.6	1.0	4.0	J	
Magnesium	6010C	1000	212	1.0	43200		
Manganese	6010C	100	49.0	10.0	32400		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	9310		
Selenium	6010C	10.0	3.3	1.0	9.0	J	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	22500		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	4.3	J	
Zinc	6010C	20.0	7.0	1.0	54.3		

% Solids: 0.0

Comments:

METALS

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-MW-102
Project No.: R1706281
Date Collected: 7/11/2017
Project Name:
Date Received: 7/11/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-MW-104 Dissolved
Lab Code: R1706281-010

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	100	U	
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	9.8	J	
Barium	6010C	20.0	13.0	1.0	539		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	167000		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	13.6	J	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	23200		
Lead	6010C	5.0	3.6	1.0	5.0	U	
Magnesium	6010C	1000	212	1.0	42900		
Manganese	6010C	100	49.0	10.0	31100		
Nickel	6010C	40.0	8.9	1.0	10.1	J	
Potassium	6010C	2000	281	1.0	8830		
Selenium	6010C	10.0	3.3	1.0	7.7	J	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	22600		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	39.7		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-MW-102
Project No.: R1706281
Date Collected: 7/11/2017
Project Name:
Date Received: 7/11/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-MW-106
Lab Code: R1706281-011

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	44700		
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	18.2		
Barium	6010C	20.0	13.0	1.0	606		
Beryllium	6010C	3.0	0.603	1.0	1.3	J	
Cadmium	6010C	5.0	0.900	1.0	1.9	J	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	47800		
Chromium	6010C	10.0	2.7	1.0	47.5		
Cobalt	6010C	50.0	2.9	1.0	27.2	J	
Copper	6010C	20.0	9.3	1.0	179		
Iron	6010C	500	362	5.0	66200		
Lead	6010C	5.0	3.6	1.0	36.0		
Magnesium	6010C	1000	212	1.0	23100		
Manganese	6010C	50.0	24.5	5.0	12000		
Nickel	6010C	200	44.5	5.0	200	U	
Potassium	6010C	2000	281	1.0	14600		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	72100		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	67.5		
Zinc	6010C	20.0	7.0	1.0	198		

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client:	TRC Environmental Corporation	**Service Request:**	FT-MW-102
Project No.:	R1706281	**Date Collected:**	7/11/2017
Project Name:		**Date Received:**	7/11/2017
Matrix:	WATER	**Units:**	ug/L
		Basis:	

Sample Name: **FT-MW-106 Dissolved** **Lab Code:** **R1706281-012**

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	537		
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	4.4	J	
Barium	6010C	20.0	13.0	1.0	154		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	45000		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	7.3	J	
Copper	6010C	20.0	9.3	1.0	28.7		
Iron	6010C	100	72.4	1.0	535		
Lead	6010C	5.0	3.6	1.0	5.0	U	
Magnesium	6010C	1000	212	1.0	12400		
Manganese	6010C	10.0	4.9	1.0	7920		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	2760		
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	56100		
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	24.7		

% Solids: **0.0**

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-MW-102
Project No.: R1706281
Date Collected: 7/11/2017
Project Name:
Date Received: 7/11/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-MW-01
Lab Code: R1706281-013

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	2880		
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	5.5	J	
Barium	6010C	20.0	13.0	1.0	27.6		
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	3700		
Chromium	6010C	10.0	2.7	1.0	3.1	J	
Cobalt	6010C	50.0	2.9	1.0	50.0	U	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	15700		
Lead	6010C	5.0	3.6	1.0	5.0	U	
Magnesium	6010C	1000	212	1.0	733	J	
Manganese	6010C	10.0	4.9	1.0	228		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	442	J	
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	522	J	
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	4.9	J	
Zinc	6010C	20.0	7.0	1.0	11.3	J	

% Solids: 0.0

Comments:

METALS

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INORGANIC ANALYSIS DATA PACKAGE

Client: TRC Environmental Corporation
Service Request: FT-MW-102
Project No.: R1706281
Date Collected: 7/11/2017
Project Name:
Date Received: 7/11/2017
Matrix: WATER
Units: ug/L
Basis:

Sample Name: FT-MW-01 Dissolved
Lab Code: R1706281-014

Analyte	Analysis Method	PQL	MDL	Dil. Factor	Result	C	Q
Aluminum	6010C	100	99.2	1.0	283		
Antimony	6010C	60.0	7.3	1.0	60.0	U	
Arsenic	6010C	10.0	3.6	1.0	10.0	U	
Barium	6010C	20.0	13.0	1.0	17.0	J	
Beryllium	6010C	3.0	0.603	1.0	3.0	U	
Cadmium	6010C	5.0	0.900	1.0	5.0	U	
Mercury	7470A	0.200	0.090	1.0	0.200	U	
Calcium	6010C	1000	309	1.0	4130		
Chromium	6010C	10.0	2.7	1.0	10.0	U	
Cobalt	6010C	50.0	2.9	1.0	50.0	U	
Copper	6010C	20.0	9.3	1.0	20.0	U	
Iron	6010C	100	72.4	1.0	223		
Lead	6010C	5.0	3.6	1.0	5.0	U	
Magnesium	6010C	1000	212	1.0	602	J	
Manganese	6010C	10.0	4.9	1.0	168		
Nickel	6010C	40.0	8.9	1.0	40.0	U	
Potassium	6010C	2000	281	1.0	2000	U	
Selenium	6010C	10.0	3.3	1.0	10.0	U	
Silver	6010C	10.0	1.7	1.0	10.0	U	
Sodium	6010C	1000	373	1.0	671	J	
Thallium	6010C	10.0	5.4	1.0	10.0	U	
Vanadium	6010C	50.0	2.7	1.0	50.0	U	
Zinc	6010C	20.0	7.0	1.0	7.0	J	

% Solids: 0.0

Comments:

General Chemistry

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:10
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-102	**Basis:**	NA
Lab Code:	R1706281-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:31	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:10
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-102 Dissolved	**Basis:**	NA
Lab Code:	R1706281-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:32	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-101	**Basis:**	NA
Lab Code:	R1706281-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.003 J**	mg/L	0.010	0.002	1	07/20/17 21:33	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 09:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-101 Dissolved	**Basis:**	NA
Lab Code:	R1706281-004		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:34	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 10:50
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-105	**Basis:**	NA
Lab Code:	R1706281-005		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:34	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 10:50
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-105 Dissolved	**Basis:**	NA
Lab Code:	R1706281-006		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:37	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 11:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-103	**Basis:**	NA
Lab Code:	R1706281-007		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:37	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 11:15
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-103 Dissolved	**Basis:**	NA
Lab Code:	R1706281-008		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:40	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:00
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-104	**Basis:**	NA
Lab Code:	R1706281-009		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:42	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:00
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-104 Dissolved	**Basis:**	NA
Lab Code:	R1706281-010		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	**0.002 J**	mg/L	0.010	0.002	1	07/20/17 21:43	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:45
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-106	**Basis:**	NA
Lab Code:	R1706281-011		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	**0.003 J**	mg/L	0.010	0.002	1	07/20/17 21:44	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 13:45
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-106 Dissolved	**Basis:**	NA
Lab Code:	R1706281-012		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:46	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 15:30
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-01	**Basis:**	NA
Lab Code:	R1706281-013		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:47	07/18/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17 15:30
Sample Matrix:	Water	**Date Received:**	07/11/17 18:05
Sample Name:	FT-MW-01 Dissolved	**Basis:**	NA
Lab Code:	R1706281-014		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:48	07/18/17	

QC Summary Forms

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Volatile Organic Compounds by GC/MS

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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:** R1706281
Project: NYS DEC Fortino Tire
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Extraction Method: EPA 5030C

		4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8
Sample Name	**Lab Code**	**85 - 122**	**89 - 119**	**87 - 121**
FT-MW-102	R1706281-001	101	106	110
FT-MW-101	R1706281-003	100	104	109
FT-MW-105	R1706281-005	100	104	111
FT-MW-103	R1706281-007	102	104	110
FT-MW-104	R1706281-009	101	104	112
FT-MW-106	R1706281-011	100	103	109
FT-MW-01	R1706281-013	99	106	109
Lab Control Sample	RQ1706882-03	102	108	109
Method Blank	RQ1706882-04	100	104	111
FT-MW-103 MS	RQ1706882-05	102	105	108
FT-MW-103 DMS	RQ1706882-06	103	106	110

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17
Sample Matrix:	Water	**Date Received:**	07/11/17
		Date Analyzed:	07/20/17
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	FT-MW-103	**Units:**	ug/L
Lab Code:	R1706281-007	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ1706882-05			RQ1706882-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,1,1-Trichloroethane (TCA)	1.0 U	51.6	50.0	103	51.9	50.0	104	74-127	<1	30
1,1,2,2-Tetrachloroethane	1.0 U	53.0	50.0	106	53.9	50.0	108	72-122	2	30
1,1,2-Trichloroethane	1.0 U	47.9	50.0	96	48.2	50.0	96	79-119	<1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	48.9	50.0	98	47.8	50.0	96	59-131	2	30
1,1-Dichloroethane (1,1-DCA)	1.0 U	53.3	50.0	107	53.4	50.0	107	74-132	<1	30
1,1-Dichloroethene (1,1-DCE)	1.0 U	48.3	50.0	97	47.7	50.0	95	74-139	1	30
1,2,3-Trichlorobenzene	1.0 U	50.5	50.0	101	50.2	50.0	100	54-143	<1	30
1,2,4-Trichlorobenzene	1.0 U	50.0	50.0	100	50.2	50.0	100	56-140	<1	30
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	49.0	50.0	98	49.6	50.0	99	65-137	1	30
1,2-Dibromoethane	1.0 U	50.7	50.0	101	48.5	50.0	97	80-117	4	30
1,2-Dichlorobenzene	1.0 U	51.9	50.0	104	51.9	50.0	104	77-120	<1	30
1,2-Dichloroethane	1.0 U	49.7	50.0	99	49.8	50.0	100	68-130	<1	30
1,2-Dichloropropane	1.0 U	50.9	50.0	102	50.3	50.0	101	79-124	1	30
1,3-Dichlorobenzene	1.0 U	52.1	50.0	104	52.5	50.0	105	74-125	<1	30
1,4-Dichlorobenzene	0.48 J	51.3	50.0	102	51.0	50.0	101	72-124	<1	30
1,4-Dioxane	40 U	1410	1000	141	1220	1000	122	48-143	14	30
2-Butanone (MEK)	5.0 U	61.8	50.0	124	59.7	50.0	119	46-141	3	30
2-Hexanone	5.0 U	60.6	50.0	121	56.8	50.0	114	56-132	6	30
4-Methyl-2-pentanone	0.96 J	59.4	50.0	117	57.5	50.0	113	60-141	3	30
Acetone	14	72.2	50.0	116	64.6	50.0	100	29-151	11	30
Benzene	7.4	58.8	50.0	103	58.4	50.0	102	76-129	<1	30
Bromochloromethane	1.0 U	46.2	50.0	92	44.7	50.0	89	82-125	3	30
Bromodichloromethane	1.0 U	47.6	50.0	95	48.6	50.0	97	76-127	2	30
Bromoform	1.0 U	47.6	50.0	95	49.7	50.0	99	58-133	4	30
Bromomethane	1.0 U	42.0	50.0	84	52.1	50.0	104	10-162	22	30
Carbon Disulfide	1.0 U	50.5	50.0	101	48.7	50.0	97	34-162	4	30
Carbon Tetrachloride	1.0 U	50.5	50.0	101	52.4	50.0	105	65-135	4	30
Chlorobenzene	0.32 J	54.3	50.0	108	52.3	50.0	104	76-125	4	30
Chloroethane	1.0 U	48.7	50.0	97	48.5	50.0	97	70-140	<1	30
Chloroform	1.0 U	49.4	50.0	99	49.0	50.0	98	75-130	<1	30
Chloromethane	1.0 U	61.0	50.0	122	60.6	50.0	121	55-160	<1	30
Cyclohexane	1.0 U	55.1	50.0	110	56.4	50.0	113	52-145	2	30
Dibromochloromethane	1.0 U	45.3	50.0	91	44.7	50.0	89	72-128	1	30
Dichlorodifluoromethane (CFC 12)	1.0 U	64.7	50.0	129	65.8	50.0	132	49-154	2	30
Dichloromethane	1.0 U	49.7	50.0	99	48.7	50.0	97	75-121	2	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17
Sample Matrix:	Water	**Date Received:**	07/11/17
		Date Analyzed:	07/20/17
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS

Sample Name:	FT-MW-103	**Units:**	ug/L
Lab Code:	R1706281-007	**Basis:**	NA
Analysis Method:	8260C		
Prep Method:	EPA 5030C		

		Matrix Spike			Duplicate Matrix Spike					
		RQ1706882-05			RQ1706882-06					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Ethylbenzene	16	69.6	50.0	106	69.3	50.0	106	72-134	<1	30
Isopropylbenzene (Cumene)	1.1	55.8	50.0	109	55.9	50.0	110	76-136	<1	30
Methyl Acetate	2.0 U	43.1	50.0	86	41.5	50.0	83	36-146	4	30
Methyl tert-Butyl Ether	1.0 U	43.3	50.0	87	42.9	50.0	86	74-130	<1	30
Methylcyclohexane	1.0 U	52.0	50.0	104	51.8	50.0	104	45-146	<1	30
Styrene	1.0 U	54.5	50.0	109	53.6	50.0	107	34-156	2	30
Tetrachloroethene (PCE)	1.0 U	54.5	50.0	109	52.7	50.0	105	67-137	3	30
Toluene	5.0	57.0	50.0	104	57.1	50.0	104	79-125	<1	30
Trichloroethene (TCE)	1.0 U	50.3	50.0	101	50.5	50.0	101	62-142	<1	30
Trichlorofluoromethane (CFC 11)	0.25 J	55.1	50.0	110	55.6	50.0	111	72-142	<1	30
Vinyl Chloride	1.0 U	67.1	50.0	134	67.2	50.0	134	60-157	<1	30
cis-1,2-Dichloroethene	1.0 U	49.1	50.0	98	48.6	50.0	97	72-133	<1	30
cis-1,3-Dichloropropene	1.0 U	44.9	50.0	90	45.4	50.0	91	52-134	1	30
m,p-Xylenes	13	121	100	108	118	100	105	68-138	2	30
o-Xylene	13	65.4	50.0	105	64.6	50.0	104	68-134	1	30
trans-1,2-Dichloroethene	1.0 U	48.1	50.0	96	48.4	50.0	97	77-125	<1	30
trans-1,3-Dichloropropene	1.0 U	45.1	50.0	90	45.1	50.0	90	50-142	<1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1706882-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.36	1	07/20/17 11:41	
1,1,2,2-Tetrachloroethane	1.0 U	1.0	0.25	1	07/20/17 11:41	
1,1,2-Trichloroethane	1.0 U	1.0	0.34	1	07/20/17 11:41	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0 U	1.0	0.31	1	07/20/17 11:41	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	07/20/17 11:41	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.57	1	07/20/17 11:41	
1,2,3-Trichlorobenzene	1.0 U	1.0	0.82	1	07/20/17 11:41	
1,2,4-Trichlorobenzene	**0.27 J**	1.0	0.23	1	07/20/17 11:41	
1,2-Dibromo-3-chloropropane (DBCP)	2.0 U	2.0	0.74	1	07/20/17 11:41	
1,2-Dibromoethane	1.0 U	1.0	0.24	1	07/20/17 11:41	
1,2-Dichlorobenzene	1.0 U	1.0	0.21	1	07/20/17 11:41	
1,2-Dichloroethane	1.0 U	1.0	0.36	1	07/20/17 11:41	
1,2-Dichloropropane	1.0 U	1.0	0.20	1	07/20/17 11:41	
1,3-Dichlorobenzene	1.0 U	1.0	0.20	1	07/20/17 11:41	
1,4-Dichlorobenzene	1.0 U	1.0	0.20	1	07/20/17 11:41	
1,4-Dioxane	40 U	40	20	1	07/20/17 11:41	
2-Butanone (MEK)	5.0 U	5.0	0.81	1	07/20/17 11:41	
2-Hexanone	5.0 U	5.0	1.7	1	07/20/17 11:41	
4-Methyl-2-pentanone	5.0 U	5.0	0.67	1	07/20/17 11:41	
Acetone	5.0 U	5.0	1.3	1	07/20/17 11:41	
Benzene	1.0 U	1.0	0.20	1	07/20/17 11:41	
Bromochloromethane	1.0 U	1.0	0.32	1	07/20/17 11:41	
Bromodichloromethane	1.0 U	1.0	0.32	1	07/20/17 11:41	
Bromoform	1.0 U	1.0	0.42	1	07/20/17 11:41	
Bromomethane	1.0 U	1.0	0.29	1	07/20/17 11:41	
Carbon Disulfide	1.0 U	1.0	0.22	1	07/20/17 11:41	
Carbon Tetrachloride	1.0 U	1.0	0.45	1	07/20/17 11:41	
Chlorobenzene	1.0 U	1.0	0.29	1	07/20/17 11:41	
Chloroethane	1.0 U	1.0	0.24	1	07/20/17 11:41	
Chloroform	1.0 U	1.0	0.25	1	07/20/17 11:41	
Chloromethane	1.0 U	1.0	0.21	1	07/20/17 11:41	
Cyclohexane	1.0 U	1.0	0.25	1	07/20/17 11:41	
Dibromochloromethane	1.0 U	1.0	0.31	1	07/20/17 11:41	
Dichlorodifluoromethane (CFC 12)	1.0 U	1.0	0.46	1	07/20/17 11:41	
Dichloromethane	1.0 U	1.0	0.60	1	07/20/17 11:41	
Ethylbenzene	1.0 U	1.0	0.20	1	07/20/17 11:41	
Isopropylbenzene (Cumene)	1.0 U	1.0	0.20	1	07/20/17 11:41	
Methyl Acetate	2.0 U	2.0	0.43	1	07/20/17 11:41	
Methyl tert-Butyl Ether	1.0 U	1.0	0.29	1	07/20/17 11:41	
Methylcyclohexane	1.0 U	1.0	0.27	1	07/20/17 11:41	
Styrene	1.0 U	1.0	0.20	1	07/20/17 11:41	
Tetrachloroethene (PCE)	1.0 U	1.0	0.30	1	07/20/17 11:41	
Toluene	1.0 U	1.0	0.20	1	07/20/17 11:41	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1706882-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
Trichloroethene (TCE)	1.0 U	1.0	0.22	1	07/20/17 11:41	
Trichlorofluoromethane (CFC 11)	1.0 U	1.0	0.20	1	07/20/17 11:41	
Vinyl Chloride	1.0 U	1.0	0.32	1	07/20/17 11:41	
cis-1,2-Dichloroethene	1.0 U	1.0	0.30	1	07/20/17 11:41	
cis-1,3-Dichloropropene	1.0 U	1.0	0.24	1	07/20/17 11:41	
m,p-Xylenes	2.0 U	2.0	0.33	1	07/20/17 11:41	
o-Xylene	1.0 U	1.0	0.20	1	07/20/17 11:41	
trans-1,2-Dichloroethene	1.0 U	1.0	0.33	1	07/20/17 11:41	
trans-1,3-Dichloropropene	1.0 U	1.0	0.20	1	07/20/17 11:41	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	07/20/17 11:41	
Dibromofluoromethane	104	89 - 119	07/20/17 11:41	
Toluene-d8	111	87 - 121	07/20/17 11:41	

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/20/17

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1706882-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260C	20.2	20.0	101	74-120
1,1,2,2-Tetrachloroethane	8260C	19.4	20.0	97	78-122
1,1,2-Trichloroethane	8260C	19.4	20.0	97	82-118
1,1,2-Trichloro-1,2,2-trifluoroethane	8260C	19.4	20.0	97	75-124
1,1-Dichloroethane (1,1-DCA)	8260C	21.5	20.0	108	78-117
1,1-Dichloroethene (1,1-DCE)	8260C	18.7	20.0	93	74-135
1,2,3-Trichlorobenzene	8260C	21.4	20.0	107	56-164
1,2,4-Trichlorobenzene	8260C	21.7	20.0	108	68-147
1,2-Dibromo-3-chloropropane (DBCP)	8260C	15.9	20.0	79	55-149
1,2-Dibromoethane	8260C	20.7	20.0	103	81-125
1,2-Dichlorobenzene	8260C	21.6	20.0	108	80-119
1,2-Dichloroethane	8260C	20.1	20.0	100	71-127
1,2-Dichloropropane	8260C	20.7	20.0	104	80-119
1,3-Dichlorobenzene	8260C	21.3	20.0	106	79-121
1,4-Dichlorobenzene	8260C	21.1	20.0	106	79-119
1,4-Dioxane	8260C	316	400	79	69-151
2-Butanone (MEK)	8260C	18.6	20.0	93	61-137
2-Hexanone	8260C	18.4	20.0	92	63-124
4-Methyl-2-pentanone	8260C	17.7	20.0	89	66-124
Acetone	8260C	22.4	20.0	112	40-161
Benzene	8260C	20.6	20.0	103	76-118
Bromochloromethane	8260C	19.5	20.0	97	81-126
Bromodichloromethane	8260C	19.5	20.0	97	78-126
Bromoform	8260C	18.5	20.0	93	71-136
Bromomethane	8260C	22.7	20.0	113	42-166
Carbon Disulfide	8260C	18.2	20.0	91	65-127
Carbon Tetrachloride	8260C	19.9	20.0	100	68-125
Chlorobenzene	8260C	21.6	20.0	108	80-121
Chloroethane	8260C	20.3	20.0	101	70-127
Chloroform	8260C	20.5	20.0	102	76-120
Chloromethane	8260C	24.8	20.0	124	69-145
Cyclohexane	8260C	20.1	20.0	101	63-121
Dibromochloromethane	8260C	18.0	20.0	90	77-128

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/20/17

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ1706882-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Dichlorodifluoromethane (CFC 12)	8260C	25.9	20.0	130	65-152
Dichloromethane	8260C	20.3	20.0	102	73-122
Ethylbenzene	8260C	21.1	20.0	106	76-120
Isopropylbenzene (Cumene)	8260C	22.7	20.0	113	78-126
Methyl Acetate	8260C	15.8	20.0	79	62-131
Methyl tert-Butyl Ether	8260C	17.5	20.0	88	78-125
Methylcyclohexane	8260C	19.8	20.0	99	51-129
Styrene	8260C	21.6	20.0	108	80-124
Tetrachloroethene (PCE)	8260C	21.4	20.0	107	78-124
Toluene	8260C	20.9	20.0	104	77-120
Trichloroethene (TCE)	8260C	20.0	20.0	100	78-123
Trichlorofluoromethane (CFC 11)	8260C	22.4	20.0	112	68-126
Vinyl Chloride	8260C	26.6	20.0	133	69-133
cis-1,2-Dichloroethene	8260C	19.7	20.0	99	80-121
cis-1,3-Dichloropropene	8260C	18.9	20.0	94	74-126
m,p-Xylenes	8260C	44.1	40.0	110	78-123
o-Xylene	8260C	21.8	20.0	109	80-120
trans-1,2-Dichloroethene	8260C	18.9	20.0	94	80-120
trans-1,3-Dichloropropene	8260C	18.6	20.0	93	67-135

Semivolatile Organic Compounds by GC/MS

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Client: TRC Environmental Corporation **Service Request:** R1706281
Project: NYS DEC Fortino Tire
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	2,4,6-Tribromophenol 35 - 141	2-Fluorobiphenyl 31 - 118	2-Fluorophenol 10 - 105
FT-MW-102	R1706281-001	60	46	33
FT-MW-101	R1706281-003	71	57	39
FT-MW-105	R1706281-005	83	66	41
FT-MW-103	R1706281-007	69	58	39
FT-MW-104	R1706281-009	91	71	44
FT-MW-106	R1706281-011	86	65	44
FT-MW-01	R1706281-013	68	59	31
Method Blank	RQ1706598-01	93	71	40
Lab Control Sample	RQ1706598-02	58	74	27
Duplicate Lab Control Sample	RQ1706598-03	91	71	44
FT-MW-103 MS	RQ1706598-04	77	66	42
FT-MW-103 DMS	RQ1706598-05	68	57	43
Method Blank	RQ1706700-01	72	59	32
Lab Control Sample	RQ1706700-02	84	69	39
Duplicate Lab Control Sample	RQ1706700-03	87	71	40

Client: TRC Environmental Corporation **Service Request:** R1706281
Project: NYS DEC Fortino Tire
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SURROGATE RECOVERY SUMMARY
Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Extraction Method: EPA 3510C

Sample Name	Lab Code	Nitrobenzene-d5 31 - 110	Phenol-d6 10 - 107	Terphenyl-d14 30 - 133
FT-MW-102	R1706281-001	48	31	44
FT-MW-101	R1706281-003	75	36	75
FT-MW-105	R1706281-005	73	38	87
FT-MW-103	R1706281-007	72	35	81
FT-MW-104	R1706281-009	77	39	90
FT-MW-106	R1706281-011	76	39	67
FT-MW-01	R1706281-013	61	28	68
Method Blank	RQ1706598-01	74	34	102
Lab Control Sample	RQ1706598-02	75	36	84
Duplicate Lab Control Sample	RQ1706598-03	77	39	86
FT-MW-103 MS	RQ1706598-04	75	38	79
FT-MW-103 DMS	RQ1706598-05	72	39	80
Method Blank	RQ1706700-01	59	29	61
Lab Control Sample	RQ1706700-02	71	35	64
Duplicate Lab Control Sample	RQ1706700-03	75	36	65

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17
Sample Matrix:	Water	**Date Received:**	07/11/17
		Date Analyzed:	07/17/17
		Date Extracted:	07/13/17

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	FT-MW-103	**Units:**	ug/L
Lab Code:	R1706281-007	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike RQ1706598-04			Duplicate Matrix Spike RQ1706598-05				
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	47 U	67.2	95.3	71	57.2	95.3	60	47-96	17	30
2,3,4,6-Tetrachlorophenol	47 U	73.1	94.3	78	67.5	94.3	72	55-138	8	30
2,4,5-Trichlorophenol	47 U	78.1	94.3	83	69.7	94.3	74	59-119	11	30
2,4,6-Trichlorophenol	47 U	76.9	94.3	81	68.3	94.3	72	59-116	12	30
2,4-Dichlorophenol	47 U	71.5	94.3	76	72.1	94.3	76	53-112	<1	30
2,4-Dimethylphenol	18 J	91.1	94.3	77	90.6	94.3	77	37-119	<1	30
2,4-Dinitrophenol	240 U	50.2 J	94.3	53	61.4 J	94.3	65	21-168	20	30
2,4-Dinitrotoluene	47 U	78.4	94.3	83	66.1	94.3	70	58-142	17	30
2,6-Dinitrotoluene	47 U	70.0	94.3	74	63.9	94.3	68	52-148	8	30
2-Chloronaphthalene	47 U	65.3	94.3	69	58.2	94.3	62	57-103	11	30
2-Chlorophenol	47 U	70.1	94.3	74	70.1	94.3	74	37-112	<1	30
2-Methylnaphthalene	47 U	65.3	94.3	69	64.1	94.3	68	45-109	1	30
2-Methylphenol	47 U	61.6	94.3	65	65.1	94.3	69	49-103	6	30
2-Nitroaniline	240 U	77.4 J	94.3	82	75.9 J	94.3	81	40-136	1	30
2-Nitrophenol	47 U	73.1	94.3	78	75.3	94.3	80	51-121	3	30
3,3'-Dichlorobenzidine	47 U	10.9 J	94.3	12	19 U	94.3	0 *	10-139	NC	30
3- and 4-Methylphenol Coelution	47 U	56.9	94.3	60	60.7	94.3	64	48-96	6	30
3-Nitroaniline	240 U	77.8 J	94.3	82	56.4 J	94.3	60	32-112	31*	30
4,6-Dinitro-2-methylphenol	240 U	62.6 J	94.3	66	70.8 J	94.3	75	52-142	13	30
4-Bromophenyl Phenyl Ether	47 U	68.7	94.3	73	65.5	94.3	69	62-107	6	30
4-Chloro-3-methylphenol	47 U	83.4	94.3	88	80.8	94.3	86	22-136	2	30
4-Chloroaniline	47 U	54.5	94.3	58	48.1	94.3	51	25-107	13	30
4-Chlorophenyl Phenyl Ether	47 U	66.9	94.3	71	57.1	94.3	61	58-108	15	30
4-Nitroaniline	240 U	64.6 J	94.3	69	58.8 J	94.3	62	23-154	11	30
4-Nitrophenol	240 U	240 U	94.3	0 *	47.4 J	94.3	50	16-89	NC	30
Acenaphthene	47 U	66.3	94.3	70	59.4	94.3	63	62-108	11	30
Acenaphthylene	47 U	70.9	94.3	75	62.5	94.3	66	61-108	13	30
Acetophenone	47 U	137	189	72	137	189	73	45-104	1	30
Anthracene	47 U	74.5	94.3	79	75.2	94.3	80	68-110	1	30
Atrazine	47 U	99.7	94.3	106	75.5	94.3	80	10-113	28	30
Benz(a)anthracene	47 U	74.7	94.3	79	75.7	94.3	80	66-113	1	30
Benzaldehyde	240 U	75.4 J	94.3	80	84.8 J	94.3	90	48-200	12	30
Benzo(a)pyrene	47 U	75.6	94.3	80	79.1	94.3	84	44-114	5	30
Benzo(b)fluoranthene	47 U	69.1	94.3	73	71.1	94.3	75	62-115	3	30
Benzo(g,h,i)perylene	47 U	77.8	94.3	82	78.6	94.3	83	61-136	1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17
Sample Matrix:	Water	**Date Received:**	07/11/17
		Date Analyzed:	07/17/17
		Date Extracted:	07/13/17

Duplicate Matrix Spike Summary
Semivolatile Organic Compounds by GC/MS

Sample Name:	FT-MW-103	**Units:**	ug/L
Lab Code:	R1706281-007	**Basis:**	NA
Analysis Method:	8270D		
Prep Method:	EPA 3510C		

		Matrix Spike RQ1706598-04			Duplicate Matrix Spike RQ1706598-05				
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(k)fluoranthene	47 U	70.9	94.3	75	75.2	94.3	80	49-133	6	30
Biphenyl	47 U	66.7	94.3	71	60.1	94.3	64	41-106	10	30
2,2'-Oxybis(1-chloropropane)	47 U	71.1	94.3	75	72.6	94.3	77	43-116	3	30
Bis(2-chloroethoxy)methane	47 U	72.7	94.3	77	72.0	94.3	76	49-156	1	30
Bis(2-chloroethyl) Ether	47 U	65.6	94.3	70	69.1	94.3	73	56-106	4	30
Bis(2-ethylhexyl) Phthalate	160	662	94.3	529 *	212	94.3	52 *	69-124	164*	30
Butyl Benzyl Phthalate	2.3 J	85.0	94.3	88	86.5	94.3	89	41-148	1	30
Caprolactam	47 U	35.3 J	94.3	37	36.5	94.3	39	10-48	5	30
Carbazole	47 U	78.7	94.3	83	74.9	94.3	79	49-127	5	30
Chrysene	47 U	74.6	94.3	79	74.9	94.3	79	64-117	<1	30
Di-n-butyl Phthalate	47 U	83.0	94.3	88	81.7	94.3	87	68-117	1	30
Di-n-octyl Phthalate	32	191	94.3	169 *	119	94.3	93	44-151	58*	30
Dibenz(a,h)anthracene	47 U	67.6	94.3	72	72.5	94.3	77	57-127	7	30
Dibenzofuran	47 U	70.4	94.3	75	62.1	94.3	66	65-102	13	30
Diethyl Phthalate	47 U	71.3	94.3	76	62.6	94.3	66	64-117	14	30
Dimethyl Phthalate	47 U	74.5	94.3	79	61.2	94.3	65	63-112	19	30
Fluoranthene	47 U	79.6	94.3	84	76.8	94.3	81	62-120	4	30
Fluorene	47 U	70.0	94.3	74	59.9	94.3	64 *	66-107	14	30
Hexachlorobenzene	47 U	68.6	94.3	73	65.1	94.3	69	61-110	6	30
Hexachlorobutadiene	47 U	55.7	94.3	59	53.2	94.3	56	10-111	5	30
Hexachlorocyclopentadiene	47 U	36.3 J	94.3	39	40.2	94.3	43	10-103	10	30
Hexachloroethane	47 U	54.3	94.3	58	55.3	94.3	59	12-101	2	30
Indeno(1,2,3-cd)pyrene	47 U	80.2	94.3	85	83.8	94.3	89	58-126	5	30
Isophorone	47 U	72.4	94.3	77	70.7	94.3	75	54-109	3	30
N-Nitrosodi-n-propylamine	47 U	65.8	94.3	70	68.7	94.3	73	25-120	4	30
N-Nitrosodiphenylamine	47 U	76.9	94.3	81	74.3	94.3	79	35-150	3	30
Naphthalene	47 U	65.6	94.3	70	63.1	94.3	67	28-113	4	30
Nitrobenzene	47 U	67.6	94.3	72	66.5	94.3	70	48-107	3	30
Pentachlorophenol (PCP)	240 U	91.3 J	94.3	97	95.3	94.3	101	34-159	4	30
Phenanthrene	47 U	72.8	94.3	77	73.8	94.3	78	58-118	1	30
Phenol	47 U	36.4 J	94.3	39	37.4	94.3	40	13-58	3	30
Pyrene	47 U	76.6	94.3	81	79.0	94.3	84	62-123	4	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1706598-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	10 U	10	2.5	1	07/14/17 08:57	7/13/17	
2,3,4,6-Tetrachlorophenol	10 U	10	1.7	1	07/14/17 08:57	7/13/17	
2,4,5-Trichlorophenol	10 U	10	3.1	1	07/14/17 08:57	7/13/17	
2,4,6-Trichlorophenol	10 U	10	1.5	1	07/14/17 08:57	7/13/17	
2,4-Dichlorophenol	10 U	10	1.3	1	07/14/17 08:57	7/13/17	
2,4-Dimethylphenol	10 U	10	1.2	1	07/14/17 08:57	7/13/17	
2,4-Dinitrophenol	50 U	50	2.7	1	07/14/17 08:57	7/13/17	
2,4-Dinitrotoluene	10 U	10	1.4	1	07/14/17 08:57	7/13/17	
2,6-Dinitrotoluene	10 U	10	1.1	1	07/14/17 08:57	7/13/17	
2-Chloronaphthalene	10 U	10	2.7	1	07/14/17 08:57	7/13/17	
2-Chlorophenol	10 U	10	1.4	1	07/14/17 08:57	7/13/17	
2-Methylnaphthalene	10 U	10	2.5	1	07/14/17 08:57	7/13/17	
2-Methylphenol	10 U	10	1.7	1	07/14/17 08:57	7/13/17	
2-Nitroaniline	50 U	50	2.1	1	07/14/17 08:57	7/13/17	
2-Nitrophenol	10 U	10	1.3	1	07/14/17 08:57	7/13/17	
3,3'-Dichlorobenzidine	10 U	10	1.1	1	07/14/17 08:57	7/13/17	
3- and 4-Methylphenol Coelution	10 U	10	1.7	1	07/14/17 08:57	7/13/17	
3-Nitroaniline	50 U	50	0.95	1	07/14/17 08:57	7/13/17	
4,6-Dinitro-2-methylphenol	50 U	50	1.6	1	07/14/17 08:57	7/13/17	
4-Bromophenyl Phenyl Ether	10 U	10	1.3	1	07/14/17 08:57	7/13/17	
4-Chloro-3-methylphenol	10 U	10	2.0	1	07/14/17 08:57	7/13/17	
4-Chloroaniline	10 U	10	1.4	1	07/14/17 08:57	7/13/17	
4-Chlorophenyl Phenyl Ether	10 U	10	2.3	1	07/14/17 08:57	7/13/17	
4-Nitroaniline	50 U	50	1.5	1	07/14/17 08:57	7/13/17	
4-Nitrophenol	50 U	50	1.1	1	07/14/17 08:57	7/13/17	
Acenaphthene	10 U	10	1.6	1	07/14/17 08:57	7/13/17	
Acenaphthylene	10 U	10	1.6	1	07/14/17 08:57	7/13/17	
Acetophenone	10 U	10	1.6	1	07/14/17 08:57	7/13/17	
Anthracene	10 U	10	1.1	1	07/14/17 08:57	7/13/17	
Atrazine	10 U	10	2.1	1	07/14/17 08:57	7/13/17	
Benz(a)anthracene	10 U	10	0.66	1	07/14/17 08:57	7/13/17	
Benzaldehyde	50 U	50	2.9	1	07/14/17 08:57	7/13/17	
Benzo(a)pyrene	10 U	10	1.0	1	07/14/17 08:57	7/13/17	
Benzo(b)fluoranthene	10 U	10	0.64	1	07/14/17 08:57	7/13/17	
Benzo(g,h,i)perylene	10 U	10	0.74	1	07/14/17 08:57	7/13/17	
Benzo(k)fluoranthene	10 U	10	1.1	1	07/14/17 08:57	7/13/17	
Biphenyl	10 U	10	2.5	1	07/14/17 08:57	7/13/17	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.3	1	07/14/17 08:57	7/13/17	
Bis(2-chloroethoxy)methane	10 U	10	1.4	1	07/14/17 08:57	7/13/17	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	07/14/17 08:57	7/13/17	
Bis(2-ethylhexyl) Phthalate	10 U	10	1.4	1	07/14/17 08:57	7/13/17	
Butyl Benzyl Phthalate	10 U	10	0.80	1	07/14/17 08:57	7/13/17	
Caprolactam	10 U	10	1.3	1	07/14/17 08:57	7/13/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1706598-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	10 U	10	1.2	1	07/14/17 08:57	7/13/17	
Chrysene	10 U	10	0.74	1	07/14/17 08:57	7/13/17	
Di-n-butyl Phthalate	10 U	10	1.3	1	07/14/17 08:57	7/13/17	
Di-n-octyl Phthalate	10 U	10	1.3	1	07/14/17 08:57	7/13/17	
Dibenz(a,h)anthracene	10 U	10	0.72	1	07/14/17 08:57	7/13/17	
Dibenzofuran	10 U	10	1.7	1	07/14/17 08:57	7/13/17	
Diethyl Phthalate	10 U	10	0.99	1	07/14/17 08:57	7/13/17	
Dimethyl Phthalate	10 U	10	1.7	1	07/14/17 08:57	7/13/17	
Fluoranthene	10 U	10	1.5	1	07/14/17 08:57	7/13/17	
Fluorene	10 U	10	1.3	1	07/14/17 08:57	7/13/17	
Hexachlorobenzene	10 U	10	1.4	1	07/14/17 08:57	7/13/17	
Hexachlorobutadiene	10 U	10	2.4	1	07/14/17 08:57	7/13/17	
Hexachlorocyclopentadiene	10 U	10	2.3	1	07/14/17 08:57	7/13/17	
Hexachloroethane	10 U	10	2.7	1	07/14/17 08:57	7/13/17	
Indeno(1,2,3-cd)pyrene	10 U	10	1.2	1	07/14/17 08:57	7/13/17	
Isophorone	10 U	10	1.3	1	07/14/17 08:57	7/13/17	
N-Nitrosodi-n-propylamine	10 U	10	1.6	1	07/14/17 08:57	7/13/17	
N-Nitrosodiphenylamine	10 U	10	1.3	1	07/14/17 08:57	7/13/17	
Naphthalene	10 U	10	2.2	1	07/14/17 08:57	7/13/17	
Nitrobenzene	10 U	10	1.4	1	07/14/17 08:57	7/13/17	
Pentachlorophenol (PCP)	50 U	50	1.9	1	07/14/17 08:57	7/13/17	
Phenanthrene	10 U	10	0.69	1	07/14/17 08:57	7/13/17	
Phenol	10 U	10	1.6	1	07/14/17 08:57	7/13/17	
Pyrene	10 U	10	0.83	1	07/14/17 08:57	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	93	35 - 141	07/14/17 08:57	
2-Fluorobiphenyl	71	31 - 118	07/14/17 08:57	
2-Fluorophenol	40	10 - 105	07/14/17 08:57	
Nitrobenzene-d5	74	31 - 110	07/14/17 08:57	
Phenol-d6	34	10 - 107	07/14/17 08:57	
Terphenyl-d14	102	30 - 133	07/14/17 08:57	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1706700-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	10 U	10	2.5	1	07/19/17 08:38	7/17/17	
2,3,4,6-Tetrachlorophenol	10 U	10	1.7	1	07/19/17 08:38	7/17/17	
2,4,5-Trichlorophenol	10 U	10	3.1	1	07/19/17 08:38	7/17/17	
2,4,6-Trichlorophenol	10 U	10	1.5	1	07/19/17 08:38	7/17/17	
2,4-Dichlorophenol	10 U	10	1.3	1	07/19/17 08:38	7/17/17	
2,4-Dimethylphenol	10 U	10	1.2	1	07/19/17 08:38	7/17/17	
2,4-Dinitrophenol	50 U	50	2.7	1	07/19/17 08:38	7/17/17	
2,4-Dinitrotoluene	10 U	10	1.4	1	07/19/17 08:38	7/17/17	
2,6-Dinitrotoluene	10 U	10	1.1	1	07/19/17 08:38	7/17/17	
2-Chloronaphthalene	10 U	10	2.7	1	07/19/17 08:38	7/17/17	
2-Chlorophenol	10 U	10	1.4	1	07/19/17 08:38	7/17/17	
2-Methylnaphthalene	10 U	10	2.5	1	07/19/17 08:38	7/17/17	
2-Methylphenol	10 U	10	1.7	1	07/19/17 08:38	7/17/17	
2-Nitroaniline	50 U	50	2.1	1	07/19/17 08:38	7/17/17	
2-Nitrophenol	10 U	10	1.3	1	07/19/17 08:38	7/17/17	
3,3'-Dichlorobenzidine	10 U	10	1.1	1	07/19/17 08:38	7/17/17	
3- and 4-Methylphenol Coelution	10 U	10	1.7	1	07/19/17 08:38	7/17/17	
3-Nitroaniline	50 U	50	0.95	1	07/19/17 08:38	7/17/17	
4,6-Dinitro-2-methylphenol	50 U	50	1.6	1	07/19/17 08:38	7/17/17	
4-Bromophenyl Phenyl Ether	10 U	10	1.3	1	07/19/17 08:38	7/17/17	
4-Chloro-3-methylphenol	10 U	10	2.0	1	07/19/17 08:38	7/17/17	
4-Chloroaniline	10 U	10	1.4	1	07/19/17 08:38	7/17/17	
4-Chlorophenyl Phenyl Ether	10 U	10	2.3	1	07/19/17 08:38	7/17/17	
4-Nitroaniline	50 U	50	1.5	1	07/19/17 08:38	7/17/17	
4-Nitrophenol	50 U	50	1.1	1	07/19/17 08:38	7/17/17	
Acenaphthene	10 U	10	1.6	1	07/19/17 08:38	7/17/17	
Acenaphthylene	10 U	10	1.6	1	07/19/17 08:38	7/17/17	
Acetophenone	10 U	10	1.6	1	07/19/17 08:38	7/17/17	
Anthracene	10 U	10	1.1	1	07/19/17 08:38	7/17/17	
Atrazine	10 U	10	2.1	1	07/19/17 08:38	7/17/17	
Benz(a)anthracene	10 U	10	0.66	1	07/19/17 08:38	7/17/17	
Benzaldehyde	50 U	50	2.9	1	07/19/17 08:38	7/17/17	
Benzo(a)pyrene	10 U	10	1.0	1	07/19/17 08:38	7/17/17	
Benzo(b)fluoranthene	10 U	10	0.64	1	07/19/17 08:38	7/17/17	
Benzo(g,h,i)perylene	10 U	10	0.74	1	07/19/17 08:38	7/17/17	
Benzo(k)fluoranthene	10 U	10	1.1	1	07/19/17 08:38	7/17/17	
Biphenyl	10 U	10	2.5	1	07/19/17 08:38	7/17/17	
2,2'-Oxybis(1-chloropropane)	10 U	10	1.3	1	07/19/17 08:38	7/17/17	
Bis(2-chloroethoxy)methane	10 U	10	1.4	1	07/19/17 08:38	7/17/17	
Bis(2-chloroethyl) Ether	10 U	10	1.3	1	07/19/17 08:38	7/17/17	
Bis(2-ethylhexyl) Phthalate	10 U	10	1.4	1	07/19/17 08:38	7/17/17	
Butyl Benzyl Phthalate	10 U	10	0.80	1	07/19/17 08:38	7/17/17	
Caprolactam	10 U	10	1.3	1	07/19/17 08:38	7/17/17	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1706700-01	**Basis:**	NA

Semivolatile Organic Compounds by GC/MS

Analysis Method: 8270D
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Carbazole	10 U	10	1.2	1	07/19/17 08:38	7/17/17	
Chrysene	10 U	10	0.74	1	07/19/17 08:38	7/17/17	
Di-n-butyl Phthalate	10 U	10	1.3	1	07/19/17 08:38	7/17/17	
Di-n-octyl Phthalate	10 U	10	1.3	1	07/19/17 08:38	7/17/17	
Dibenz(a,h)anthracene	10 U	10	0.72	1	07/19/17 08:38	7/17/17	
Dibenzofuran	10 U	10	1.7	1	07/19/17 08:38	7/17/17	
Diethyl Phthalate	10 U	10	0.99	1	07/19/17 08:38	7/17/17	
Dimethyl Phthalate	10 U	10	1.7	1	07/19/17 08:38	7/17/17	
Fluoranthene	10 U	10	1.5	1	07/19/17 08:38	7/17/17	
Fluorene	10 U	10	1.3	1	07/19/17 08:38	7/17/17	
Hexachlorobenzene	10 U	10	1.4	1	07/19/17 08:38	7/17/17	
Hexachlorobutadiene	10 U	10	2.4	1	07/19/17 08:38	7/17/17	
Hexachlorocyclopentadiene	10 U	10	2.3	1	07/19/17 08:38	7/17/17	
Hexachloroethane	10 U	10	2.7	1	07/19/17 08:38	7/17/17	
Indeno(1,2,3-cd)pyrene	10 U	10	1.2	1	07/19/17 08:38	7/17/17	
Isophorone	10 U	10	1.3	1	07/19/17 08:38	7/17/17	
N-Nitrosodi-n-propylamine	10 U	10	1.6	1	07/19/17 08:38	7/17/17	
N-Nitrosodiphenylamine	10 U	10	1.3	1	07/19/17 08:38	7/17/17	
Naphthalene	10 U	10	2.2	1	07/19/17 08:38	7/17/17	
Nitrobenzene	10 U	10	1.4	1	07/19/17 08:38	7/17/17	
Pentachlorophenol (PCP)	50 U	50	1.9	1	07/19/17 08:38	7/17/17	
Phenanthrene	10 U	10	0.69	1	07/19/17 08:38	7/17/17	
Phenol	10 U	10	1.6	1	07/19/17 08:38	7/17/17	
Pyrene	10 U	10	0.83	1	07/19/17 08:38	7/17/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2,4,6-Tribromophenol	72	35 - 141	07/19/17 08:38	
2-Fluorobiphenyl	59	31 - 118	07/19/17 08:38	
2-Fluorophenol	32	10 - 105	07/19/17 08:38	
Nitrobenzene-d5	59	31 - 110	07/19/17 08:38	
Phenol-d6	29	10 - 107	07/19/17 08:38	
Terphenyl-d14	61	30 - 133	07/19/17 08:38	

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/14/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1706598-02			RQ1706598-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	8270D	61.8	101	61	70.5	101	70	25-123	14	30
2,3,4,6-Tetrachlorophenol	8270D	34.5	100	35 *	92.7	100	93	59-150	91*	30
2,4,5-Trichlorophenol	8270D	60.0	100	60 *	95.6	100	96	63-121	46*	30
2,4,6-Trichlorophenol	8270D	44.6	100	45 *	93.7	100	94	64-116	71*	30
2,4-Dichlorophenol	8270D	66.5	100	66	86.9	100	87	52-111	27	30
2,4-Dimethylphenol	8270D	83.4	100	83	88.3	100	88	44-114	6	30
2,4-Dinitrophenol	8270D	28.6 J	100	29	94.5	100	94	10-160	106*	30
2,4-Dinitrotoluene	8270D	82.9	100	83	88.8	100	89	62-142	7	30
2,6-Dinitrotoluene	8270D	87.0	100	87	93.2	100	93	61-139	7	30
2-Chloronaphthalene	8270D	66.5	100	66	65.1	100	65	53-98	2	30
2-Chlorophenol	8270D	64.8	100	65	80.0	100	80	42-112	21	30
2-Methylnaphthalene	8270D	60.7	100	61	56.8	100	57	34-102	7	30
2-Methylphenol	8270D	70.4	100	70	73.3	100	73	59-104	4	30
2-Nitroaniline	8270D	83.3	100	83	89.7	100	90	52-133	8	30
2-Nitrophenol	8270D	57.8	100	58	86.9	100	87	51-115	40*	30
3,3'-Dichlorobenzidine	8270D	93.4	100	93	89.3	100	89	45-122	4	30
3- and 4-Methylphenol Coelution	8270D	63.4	100	63	67.7	100	68	50-111	8	30
3-Nitroaniline	8270D	76.6	100	77	78.8	100	79	48-115	3	30
4,6-Dinitro-2-methylphenol	8270D	38.2 J	100	38	94.1	100	94	35-168	85*	30
4-Bromophenyl Phenyl Ether	8270D	73.9	100	74	77.7	100	78	65-113	5	30
4-Chloro-3-methylphenol	8270D	81.7	100	82	86.6	100	87	52-113	6	30
4-Chloroaniline	8270D	69.9	100	70	76.9	100	77	47-104	10	30
4-Chlorophenyl Phenyl Ether	8270D	75.3	100	75	77.5	100	77	61-110	3	30
4-Nitroaniline	8270D	81.1	100	81	86.4	100	86	54-133	6	30
4-Nitrophenol	8270D	11.1 J	100	11	43.4 J	100	43	10-126	119*	30
Acenaphthene	8270D	71.2	100	71	73.2	100	73	54-125	3	30
Acenaphthylene	8270D	75.3	100	75	76.0	100	76	60-106	1	30
Acetophenone	8270D	151	200	75	159	200	80	46-114	6	30
Anthracene	8270D	87.7	100	88	90.1	100	90	55-116	2	30
Atrazine	8270D	120	100	120	128	100	128	60-158	6	30
Benz(a)anthracene	8270D	87.4	100	87	88.6	100	89	66-110	2	30
Benzaldehyde	8270D	91.6	100	92	94.1	100	94	46-200	2	30
Benzo(a)pyrene	8270D	90.5	100	91	94.8	100	95	44-114	4	30

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/14/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1706598-02			RQ1706598-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	83.1	100	83	86.0	100	86	69-117	4	30
Benzo(g,h,i)perylene	8270D	92.2	100	92	91.6	100	92	63-136	<1	30
Benzo(k)fluoranthene	8270D	90.4	100	90	94.3	100	94	49-133	4	30
Biphenyl	8270D	62.7	100	63	70.3	100	70	39-106	11	30
2,2'-Oxybis(1-chloropropane)	8270D	72.5	100	73	73.2	100	73	47-132	<1	30
Bis(2-chloroethoxy)methane	8270D	78.8	100	79	82.9	100	83	55-110	5	30
Bis(2-chloroethyl) Ether	8270D	72.3	100	72	73.8	100	74	56-102	3	30
Bis(2-ethylhexyl) Phthalate	8270D	92.6	100	93	93.1	100	93	70-132	<1	30
Butyl Benzyl Phthalate	8270D	85.8	100	86	86.4	100	86	41-148	<1	30
Caprolactam	8270D	23.9	100	24	25.3	100	25	10-41	4	30
Carbazole	8270D	90.1	100	90	91.3	100	91	61-126	1	30
Chrysene	8270D	86.4	100	86	88.2	100	88	57-118	2	30
Di-n-butyl Phthalate	8270D	93.8	100	94	95.2	100	95	57-139	1	30
Di-n-octyl Phthalate	8270D	88.7	100	89	89.8	100	90	70-134	1	30
Dibenz(a,h)anthracene	8270D	74.3	100	74	75.7	100	76	58-132	3	30
Dibenzofuran	8270D	76.8	100	77	78.9	100	79	62-105	3	30
Diethyl Phthalate	8270D	79.3	100	79	83.0	100	83	65-122	5	30
Dimethyl Phthalate	8270D	76.6	100	77	81.2	100	81	58-119	5	30
Fluoranthene	8270D	92.9	100	93	95.0	100	95	66-127	2	30
Fluorene	8270D	75.3	100	75	75.9	100	76	66-110	1	30
Hexachlorobenzene	8270D	83.7	100	84	84.9	100	85	68-115	1	30
Hexachlorobutadiene	8270D	57.2	100	57	49.3	100	49	16-95	15	30
Hexachlorocyclopentadiene	8270D	56.4	100	56	51.1	100	51	10-99	9	30
Hexachloroethane	8270D	56.0	100	56	49.9	100	50	15-92	11	30
Indeno(1,2,3-cd)pyrene	8270D	93.4	100	93	95.5	100	96	65-124	3	30
Isophorone	8270D	76.7	100	77	82.0	100	82	50-116	6	30
N-Nitrosodi-n-propylamine	8270D	71.2	100	71	75.0	100	75	49-115	5	30
N-Nitrosodiphenylamine	8270D	83.6	100	84	86.9	100	87	45-123	4	30
Naphthalene	8270D	63.6	100	64	60.7	100	61	36-95	5	30
Nitrobenzene	8270D	72.6	100	73	74.6	100	75	46-108	3	30
Pentachlorophenol (PCP)	8270D	41.7 J	100	42	113	100	113	41-154	92*	30
Phenanthrene	8270D	84.0	100	84	86.5	100	86	58-118	2	30
Phenol	8270D	32.2	100	32	35.0	100	35	10-113	9	30

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/14/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1706598-02			RQ1706598-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	83.2	100	83	86.5	100	86	69-127	4	30

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/19/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

			Lab Control Sample			Duplicate Lab Control Sample				
			RQ1706700-02			RQ1706700-03				
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,2,4,5-Tetrachlorobenzene	8270D	66.0	101	65	78.6	101	78	25-123	18	30
2,3,4,6-Tetrachlorophenol	8270D	86.2	100	86	88.9	100	89	59-150	3	30
2,4,5-Trichlorophenol	8270D	84.4	100	84	88.3	100	88	63-121	5	30
2,4,6-Trichlorophenol	8270D	82.1	100	82	87.6	100	88	64-116	7	30
2,4-Dichlorophenol	8270D	80.6	100	81	82.2	100	82	52-111	1	30
2,4-Dimethylphenol	8270D	78.5	100	78	83.4	100	83	44-114	6	30
2,4-Dinitrophenol	8270D	84.2	100	84	90.0	100	90	10-160	7	30
2,4-Dinitrotoluene	8270D	85.4	100	85	91.3	100	91	62-142	7	30
2,6-Dinitrotoluene	8270D	81.2	100	81	84.6	100	85	61-139	5	30
2-Chloronaphthalene	8270D	65.5	100	65	76.1	100	76	53-98	16	30
2-Chlorophenol	8270D	69.0	100	69	70.5	100	70	42-112	1	30
2-Methylnaphthalene	8270D	62.9	100	63	70.5	100	70	34-102	11	30
2-Methylphenol	8270D	66.4	100	66	67.6	100	68	59-104	3	30
2-Nitroaniline	8270D	77.4	100	77	83.7	100	84	52-133	9	30
2-Nitrophenol	8270D	76.1	100	76	80.5	100	81	51-115	6	30
3,3'-Dichlorobenzidine	8270D	88.0	100	88	84.9	100	85	45-122	3	30
3- and 4-Methylphenol Coelution	8270D	56.5	100	57	57.5	100	57	50-111	<1	30
3-Nitroaniline	8270D	72.5	100	72	75.2	100	75	48-115	4	30
4,6-Dinitro-2-methylphenol	8270D	86.4	100	86	93.9	100	94	35-168	9	30
4-Bromophenyl Phenyl Ether	8270D	76.3	100	76	82.0	100	82	65-113	8	30
4-Chloro-3-methylphenol	8270D	77.4	100	77	82.1	100	82	52-113	6	30
4-Chloroaniline	8270D	72.7	100	73	74.2	100	74	47-104	1	30
4-Chlorophenyl Phenyl Ether	8270D	74.8	100	75	79.7	100	80	61-110	6	30
4-Nitroaniline	8270D	77.4	100	77	80.9	100	81	54-133	5	30
4-Nitrophenol	8270D	38.9 J	100	39	40.8 J	100	41	10-126	5	30
Acenaphthene	8270D	71.8	100	72	80.0	100	80	54-125	11	30
Acenaphthylene	8270D	72.5	100	73	80.1	100	80	60-106	9	30
Acetophenone	8270D	145	200	72	151	200	75	46-114	4	30
Anthracene	8270D	80.6	100	81	86.2	100	86	55-116	6	30
Atrazine	8270D	108	100	108	111	100	111	60-158	3	30
Benz(a)anthracene	8270D	83.4	100	83	85.0	100	85	66-110	2	30
Benzaldehyde	8270D	76.6	100	77	79.8	100	80	46-200	4	30
Benzo(a)pyrene	8270D	85.3	100	85	88.5	100	89	44-114	5	30

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/19/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1706700-02			RQ1706700-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Benzo(b)fluoranthene	8270D	79.2	100	79	82.9	100	83	69-117	5	30
Benzo(g,h,i)perylene	8270D	91.6	100	92	93.1	100	93	63-136	1	30
Benzo(k)fluoranthene	8270D	86.2	100	86	86.8	100	87	49-133	1	30
Biphenyl	8270D	64.9	100	65	76.9	100	77	39-106	17	30
2,2'-Oxybis(1-chloropropane)	8270D	66.3	100	66	71.1	100	71	47-132	7	30
Bis(2-chloroethoxy)methane	8270D	75.8	100	76	79.2	100	79	55-110	4	30
Bis(2-chloroethyl) Ether	8270D	63.8	100	64	67.2	100	67	56-102	5	30
Bis(2-ethylhexyl) Phthalate	8270D	86.4	100	86	85.6	100	86	70-132	<1	30
Butyl Benzyl Phthalate	8270D	85.4	100	85	88.2	100	88	41-148	3	30
Caprolactam	8270D	27.4	100	27	27.8	100	28	10-41	4	30
Carbazole	8270D	83.5	100	83	87.1	100	87	61-126	5	30
Chrysene	8270D	82.9	100	83	85.1	100	85	57-118	2	30
Di-n-butyl Phthalate	8270D	85.5	100	85	88.8	100	89	57-139	5	30
Di-n-octyl Phthalate	8270D	86.5	100	87	87.6	100	88	70-134	1	30
Dibenz(a,h)anthracene	8270D	58.6	100	59	60.0	100	60	58-132	2	30
Dibenzofuran	8270D	75.5	100	75	83.6	100	84	62-105	11	30
Diethyl Phthalate	8270D	77.1	100	77	79.9	100	80	65-122	4	30
Dimethyl Phthalate	8270D	74.3	100	74	79.4	100	79	58-119	7	30
Fluoranthene	8270D	85.2	100	85	89.7	100	90	66-127	6	30
Fluorene	8270D	72.5	100	73	78.7	100	79	66-110	8	30
Hexachlorobenzene	8270D	86.1	100	86	90.1	100	90	68-115	5	30
Hexachlorobutadiene	8270D	56.1	100	56	62.5	100	63	16-95	12	30
Hexachlorocyclopentadiene	8270D	54.8	100	55	64.8	100	65	10-99	17	30
Hexachloroethane	8270D	50.5	100	51	51.9	100	52	15-92	2	30
Indeno(1,2,3-cd)pyrene	8270D	89.8	100	90	92.1	100	92	65-124	2	30
Isophorone	8270D	75.7	100	76	79.2	100	79	50-116	4	30
N-Nitrosodi-n-propylamine	8270D	67.1	100	67	68.1	100	68	49-115	1	30
N-Nitrosodiphenylamine	8270D	80.2	100	80	83.4	100	83	45-123	4	30
Naphthalene	8270D	61.8	100	62	67.7	100	68	36-95	9	30
Nitrobenzene	8270D	66.9	100	67	71.2	100	71	46-108	6	30
Pentachlorophenol (PCP)	8270D	117	100	117	121	100	121	41-154	3	30
Phenanthrene	8270D	80.7	100	81	85.4	100	85	58-118	5	30
Phenol	8270D	33.8	100	34	34.4	100	34	10-113	<1	30

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/19/17

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ1706700-02			RQ1706700-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pyrene	8270D	81.4	100	81	82.1	100	82	69-127	1	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: TRC Environmental Corporation **Service Request:** R1706281
Project: NYS DEC Fortino Tire
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Extraction Method: EPA 3510C

Sample Name	Lab Code	Decachlorobiphenyl 10 - 125	Tetrachloro-m-xylene 18 - 126
FT-MW-102	R1706281-001	51	79
FT-MW-102 Dissolved	R1706281-002	56	76
FT-MW-101	R1706281-003	31	65
FT-MW-101 Dissolved	R1706281-004	39	71
FT-MW-105	R1706281-005	74	75
FT-MW-105 Dissolved	R1706281-006	83	75
FT-MW-103	R1706281-007	23	71
FT-MW-103 Dissolved	R1706281-008	27	65
FT-MW-104	R1706281-009	63	81
FT-MW-104 Dissolved	R1706281-010	72	82
FT-MW-106	R1706281-011	50	77
FT-MW-106 Dissolved	R1706281-012	54	70
FT-MW-01	R1706281-013	9 *	55
FT-MW-01 RE	R1706281-013	23	74
FT-MW-01 Dissolved	R1706281-014	51	80
Method Blank	RQ1706600-01	86	86
Lab Control Sample	RQ1706600-02	80	28
Duplicate Lab Control Sample	RQ1706600-03	81	77
FT-MW-103 MS	RQ1706600-04	32	78
FT-MW-103 DMS	RQ1706600-05	26	59
FT-MW-103 Dissolved MS	RQ1706600-06	33	81
FT-MW-103 Dissolved DMS	RQ1706600-07	28	85
Method Blank	RQ1706892-01	79	80
Lab Control Sample	RQ1706892-02	84	78
Duplicate Lab Control Sample	RQ1706892-03	80	60

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QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17
Sample Matrix:	Water	**Date Received:**	07/11/17
		Date Analyzed:	07/14/17
		Date Extracted:	07/13/17

Duplicate Matrix Spike Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	FT-MW-103	**Units:**	ug/L
Lab Code:	R1706281-007	**Basis:**	NA
Analysis Method:	8082A		
Prep Method:	EPA 3510C		

		Matrix Spike RQ1706600-04			**Duplicate Matrix Spike** RQ1706600-05					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	0.050 U	1.37	0.500	274 *	3.64	0.500	728 *	16-127	91*	30
Aroclor 1260	0.12	0.461	0.500	69	0.942	0.500	165 *	19-162	69*	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17
Sample Matrix:	Water	**Date Received:**	07/11/17
		Date Analyzed:	07/14/17
		Date Extracted:	07/13/17

Duplicate Matrix Spike Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Sample Name:	FT-MW-103 Dissolved	**Units:**	ug/L
Lab Code:	R1706281-008	**Basis:**	NA
Analysis Method:	8082A		
Prep Method:	EPA 3510C		

		Matrix Spike RQ1706600-06			Duplicate Matrix Spike RQ1706600-07					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	0.050 U	1.18	0.500	236 *	1.38	0.500	276 *	16-127	15	30
Aroclor 1260	0.12	0.408	0.500	57	0.345	0.500	44	19-162	17	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1706600-01	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/14/17 12:08	7/13/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/14/17 12:08	7/13/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/14/17 12:08	7/13/17	
Aroclor 1242	0.050 U	0.050	0.025	1	07/14/17 12:08	7/13/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/14/17 12:08	7/13/17	
Aroclor 1254	0.050 U	0.050	0.025	1	07/14/17 12:08	7/13/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/14/17 12:08	7/13/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	86	10 - 125	07/14/17 12:08	
Tetrachloro-m-xylene	86	18 - 126	07/14/17 12:08	

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ1706892-01	**Basis:**	NA

Low Level Polychlorinated Biphenyls (PCBs) by GC

Analysis Method: 8082A
Prep Method: EPA 3510C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	0.050 U	0.050	0.037	1	07/24/17 14:41	7/20/17	
Aroclor 1221	0.050 U	0.050	0.035	1	07/24/17 14:41	7/20/17	
Aroclor 1232	0.050 U	0.050	0.025	1	07/24/17 14:41	7/20/17	
Aroclor 1242	0.050 U	0.050	0.025	1	07/24/17 14:41	7/20/17	
Aroclor 1248	0.050 U	0.050	0.027	1	07/24/17 14:41	7/20/17	
Aroclor 1254	0.050 U	0.050	0.025	1	07/24/17 14:41	7/20/17	
Aroclor 1260	0.050 U	0.050	0.025	1	07/24/17 14:41	7/20/17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	79	10 - 125	07/24/17 14:41	
Tetrachloro-m-xylene	80	18 - 126	07/24/17 14:41	

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/14/17

Duplicate Lab Control Sample Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

			Lab Control Sample			Duplicate Lab Control Sample				
			RQ1706600-02			RQ1706600-03				
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	0.292	0.500	58	0.449	0.500	90	40-140	42*	30
Aroclor 1260	8082A	0.428	0.500	86	0.433	0.500	87	24-157	1	30

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/24/17

Duplicate Lab Control Sample Summary
Low Level Polychlorinated Biphenyls (PCBs) by GC

Units:ug/L
Basis:NA

			Lab Control Sample			Duplicate Lab Control Sample				
			RQ1706892-02			RQ1706892-03				
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	0.295	0.500	59	0.299	0.500	60	40-140	1	30
Aroclor 1260	8082A	0.351	0.500	70	0.417	0.500	83	24-157	17	30

Metals

ALS Environmental—Rochester Laboratory
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METALS

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BLANKS

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	99.20	U	99.20	U	99.20	U	99.20	U	99.200	U	P
Antimony	7.26	U	7.26	U	7.26	U	7.26	U	7.260	U	P
Barium	13.00	U	13.00	U	13.00	U	13.00	U	13.000	U	P
Beryllium	0.60	U	0.60	U	0.60	U	0.60	U	0.603	U	P
Cadmium	0.90	U	0.90	U	0.90	U	0.90	U	0.900	U	P
Mercury	0.090	U	0.090	U	0.090	U	0.090	U	0.090	U	CV
Calcium	309.00	U	309.00	U	309.00	U	309.00	U	309.000	U	P
Chromium	2.68	U	2.68	U	2.68	U	2.68	U	2.680	U	P
Cobalt	2.90	U	2.90	U	2.90	U	2.90	U	2.900	U	P
Copper	9.29	U	9.29	U	9.29	U	9.29	U	9.290	U	P
Iron	72.40	U	72.40	U	72.40	U	72.40	U	72.400	U	P
Lead	3.60	U	3.60	U	3.60	U	3.60	U	3.600	U	P
Magnesium	212.00	U	212.00	U	212.00	U	212.00	U	212.000	U	P
Manganese	4.90	U	4.90	U	4.90	U	4.90	U	4.900	U	P
Nickel	8.90	U	8.90	U	8.90	U	8.90	U	8.900	U	P
Potassium	281.00	U	281.00	U	281.00	U	281.00	U	281.000	U	P
Selenium	3.32	U	3.32	U	3.32	U	3.32	U	3.320	U	P
Silver	1.69	U	1.69	U	1.69	U	1.69	U	1.690	U	P
Sodium	373.00	U	373.00	U	373.00	U	373.00	U	373.000	U	P
Thallium	5.40	U	5.40	U	5.40	U	5.40	U	5.400	U	P
Vanadium	2.69	U	2.69	U	2.69	U	2.69	U	2.690	U	P
Zinc	7.00	U	7.00	U	7.00	U	7.00	U	7.000	U	P

Comments:

METALS

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BLANKS

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			99.20	U	99.20	U	99.20	U			P
Antimony			7.26	U	7.26	U	7.26	U			P
Barium			13.00	U	13.00	U	13.00	U			P
Beryllium			0.60	U	0.60	U	0.60	U			P
Cadmium			0.90	U	0.90	U	0.90	U			P
Mercury			0.090	U	0.090	U	0.090	U			CV
Calcium			309.00	U	309.00	U	309.00	U			P
Chromium			2.68	U	2.68	U	2.68	U			P
Cobalt			2.90	U	2.90	U	2.90	U			P
Copper			9.29	U	9.29	U	9.29	U			P
Iron			72.40	U	72.40	U	72.40	U			P
Lead			3.60	U	3.60	U	3.60	U			P
Magnesium			212.00	U	212.00	U	212.00	U			P
Manganese			4.90	U	4.90	U	4.90	U			P
Nickel			8.90	U	8.90	U	8.90	U			P
Potassium			281.00	U	281.00	U	281.00	U			P
Selenium			3.32	U	3.32	U	3.32	U			P
Silver			1.69	U	1.69	U	1.69	U			P
Sodium			373.00	U	373.00	U	373.00	U			P
Thallium			5.40	U	5.40	U	5.40	U			P
Vanadium			2.69	U	2.69	U	2.69	U			P
Zinc			7.00	U	7.00	U	7.00	U			P

Comments:

METALS

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BLANKS

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	3.60	U	3.60	U	3.60	U	3.60	U	4.000	J	P
Iron	72.40	U	72.40	U	72.40	U	72.40	U			P
Manganese	4.90	U	4.90	U	4.90	U	4.90	U			P
Nickel	8.90	U	8.90	U	8.90	U	8.90	U			P
Sodium	373.00	U	373.00	U	373.00	U	373.00	U			P

Comments:

METALS

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BLANKS

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			3.60	U	5.00	J	3.60	U			P
Iron			72.40	U	72.40	U	72.40	U			P
Manganese			4.90	U	4.90	U	4.90	U			P
Nickel			8.90	U	8.90	U	8.90	U			P
Sodium			373.00	U	373.00	U	373.00	U			P

Comments:

METALS

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BLANKS

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L, ppt, or mg/kg): UG/L

Analyte	Initial Calib. Blank ug/L	C	Continuing Calibration Blank ug/L 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic			3.60	U	3.60	U	3.80	J			P
Iron			72.40	U	72.40	U	72.40	U			P
Manganese			4.90	U	4.90	U	4.90	U			P
Nickel			8.90	U	8.90	U	8.90	U			P
Sodium			373.00	U	373.00	U	373.00	U			P

Comments:

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-MW-103S

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	2350.00		358.00		2000.0	100		P
Antimony	75 - 125	484.00		7.26	U	500.0	97		P
Arsenic	75 - 125	48.40		3.80	J	40.0	112		P
Barium	75 - 125	3380.00		1420.00		2000.0	98		P
Beryllium	75 - 125	47.20		0.60	U	50.0	94		P
Cadmium	75 - 125	47.10		0.90	J	50.0	92		P
Mercury	75 - 125	1.090		0.093	J	1.00	100		CV
Calcium		15100.00		13300.00		2000.0	90		P
Chromium	75 - 125	195.00		3.00	J	200.0	96		P
Cobalt	75 - 125	495.00		2.90	U	500.0	99		P
Copper	75 - 125	254.00		14.20	J	250.0	96		P
Iron		6860.00		6100.00		1000.0	76		P
Lead	75 - 125	531.00		63.90		500.0	93		P
Magnesium		23000.00		21400.00		2000.0	80		P
Manganese	75 - 125	534.00		55.20		500.0	96		P
Nickel	75 - 125	466.00		8.90	U	500.0	93		P
Potassium	75 - 125	40400.00		21000.00		20000.0	97		P
Selenium	75 - 125	1010.00		3.32	U	1010.0	100		P
Silver	75 - 125	46.70		1.69	U	50.0	93		P
Sodium		168000.00		157000.00		20000.0	55		P
Thallium	75 - 125	1910.00		5.40	U	2000.0	96		P
Vanadium	75 - 125	483.00		2.69	U	500.0	97		P
Zinc	75 - 125	585.00		117.00		500.0	94		P

Comments: _____

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-MW-103SD

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	2360.00		358.00		2000.0	100		P
Antimony	75 - 125	481.00		7.26	U	500.0	96		P
Arsenic	75 - 125	52.70		3.80	J	40.0	122		P
Barium	75 - 125	3370.00		1420.00		2000.0	98		P
Beryllium	75 - 125	47.30		0.60	U	50.0	95		P
Cadmium	75 - 125	47.30		0.90	J	50.0	93		P
Mercury	75 - 125	1.090		0.093	J	1.00	100		CV
Calcium		15200.00		13300.00		2000.0	95		P
Chromium	75 - 125	196.00		3.00	J	200.0	96		P
Cobalt	75 - 125	495.00		2.90	U	500.0	99		P
Copper	75 - 125	256.00		14.20	J	250.0	97		P
Iron		6900.00		6100.00		1000.0	80		P
Lead	75 - 125	532.00		63.90		500.0	94		P
Magnesium		23100.00		21400.00		2000.0	85		P
Manganese	75 - 125	535.00		55.20		500.0	96		P
Nickel	75 - 125	468.00		8.90	U	500.0	94		P
Potassium	75 - 125	40600.00		21000.00		20000.0	98		P
Selenium	75 - 125	1010.00		3.32	U	1010.0	100		P
Silver	75 - 125	46.90		1.69	U	50.0	94		P
Sodium		171000.00		157000.00		20000.0	70		P
Thallium	75 - 125	1920.00		5.40	U	2000.0	96		P
Vanadium	75 - 125	484.00		2.69	U	500.0	97		P
Zinc	75 - 125	585.00		117.00		500.0	94		P

Comments: _____

METALS

-5A-

SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-MW-103 DissolvedS

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	2050.00		99.20	U	2000.0	102		P
Antimony	75 - 125	483.00		7.26	U	500.0	97		P
Arsenic	75 - 125	51.70		6.00	J	40.0	114		P
Barium	75 - 125	3350.00		1390.00		2000.0	98		P
Beryllium	75 - 125	47.30		0.60	U	50.0	95		P
Cadmium	75 - 125	46.50		0.90	U	50.0	93		P
Mercury	75 - 125	1.070		0.090	U	1.00	107		CV
Calcium		14900.00		13000.00		2000.0	95		P
Chromium	75 - 125	194.00		2.68	U	200.0	97		P
Cobalt	75 - 125	494.00		2.90	U	500.0	99		P
Copper	75 - 125	242.00		9.29	U	250.0	97		P
Iron		6140.00		5320.00		1000.0	82		P
Lead	75 - 125	476.00		7.30		500.0	94		P
Magnesium		22800.00		21200.00		2000.0	80		P
Manganese	75 - 125	528.00		49.00		500.0	96		P
Nickel	75 - 125	466.00		8.90	U	500.0	93		P
Potassium	75 - 125	40300.00		20700.00		20000.0	98		P
Selenium	75 - 125	1010.00		3.32	U	1010.0	100		P
Silver	75 - 125	46.70		1.69	U	50.0	93		P
Sodium		172000.00		152000.00		20000.0	100		P
Thallium	75 - 125	1920.00		5.40	U	2000.0	96		P
Vanadium	75 - 125	484.00		2.69	U	500.0	97		P
Zinc	75 - 125	513.00		44.80		500.0	94		P

Comments: _____

METALS

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SPIKE SAMPLE RECOVERY

SAMPLE NO.

FT-MW-103 DissolvedSD

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75 - 125	2060.00		99.20	U	2000.0	103		P
Antimony	75 - 125	480.00		7.26	U	500.0	96		P
Arsenic	75 - 125	46.00		6.00	J	40.0	100		P
Barium	75 - 125	3360.00		1390.00		2000.0	98		P
Beryllium	75 - 125	47.40		0.60	U	50.0	95		P
Cadmium	75 - 125	46.50		0.90	U	50.0	93		P
Mercury	75 - 125	1.070		0.090	U	1.00	107		CV
Calcium		15200.00		13000.00		2000.0	110		P
Chromium	75 - 125	194.00		2.68	U	200.0	97		P
Cobalt	75 - 125	495.00		2.90	U	500.0	99		P
Copper	75 - 125	244.00		9.29	U	250.0	98		P
Iron		6240.00		5320.00		1000.0	92		P
Lead	75 - 125	477.00		7.30		500.0	94		P
Magnesium		23200.00		21200.00		2000.0	100		P
Manganese	75 - 125	530.00		49.00		500.0	96		P
Nickel	75 - 125	464.00		8.90	U	500.0	93		P
Potassium	75 - 125	40900.00		20700.00		20000.0	101		P
Selenium	75 - 125	1010.00		3.32	U	1010.0	100		P
Silver	75 - 125	47.00		1.69	U	50.0	94		P
Sodium		170000.00		152000.00		20000.0	90		P
Thallium	75 - 125	1930.00		5.40	U	2000.0	96		P
Vanadium	75 - 125	484.00		2.69	U	500.0	97		P
Zinc	75 - 125	516.00		44.80		500.0	94		P

Comments: _____

METALS
-6-
DUPLICATES

SAMPLE NO.: FT-MW-103SD

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		2350.00		2360.00		0		P
Antimony		484.00		481.00		1		P
Arsenic		48.40		52.70		9		P
Barium		3380.00		3370.00		0		P
Beryllium		47.20		47.30		0		P
Cadmium		47.10		47.30		0		P
Mercury		1.090		1.090		0		CV
Calcium		15100.00		15200.00		1		P
Chromium		195.00		196.00		1		P
Cobalt		495.00		495.00		0		P
Copper		254.00		256.00		1		P
Iron		6860.00		6900.00		1		P
Lead		531.00		532.00		0		P
Magnesium		23000.00		23100.00		0		P
Manganese		534.00		535.00		0		P
Nickel		466.00		468.00		0		P
Potassium		40400.00		40600.00		0		P
Selenium		1010.00		1010.00		0		P
Silver		46.70		46.90		0		P
Sodium		168000.00		171000.00		2		P
Thallium		1910.00		1920.00		1		P
Vanadium		483.00		484.00		0		P
Zinc		585.00		585.00		0		P

Comments: _____

METALS
-6-
DUPLICATES

SAMPLE NO.: FT-MW-103 DissolvedSD

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		2050.00		2060.00		0		P
Antimony		483.00		480.00		1		P
Arsenic		51.70		46.00		12		P
Barium		3350.00		3360.00		0		P
Beryllium		47.30		47.40		0		P
Cadmium		46.50		46.50		0		P
Mercury		1.070		1.070		0		CV
Calcium		14900.00		15200.00		2		P
Chromium		194.00		194.00		0		P
Cobalt		494.00		495.00		0		P
Copper		242.00		244.00		1		P
Iron		6140.00		6240.00		2		P
Lead		476.00		477.00		0		P
Magnesium		22800.00		23200.00		2		P
Manganese		528.00		530.00		0		P
Nickel		466.00		464.00		0		P
Potassium		40300.00		40900.00		1		P
Selenium		1010.00		1010.00		0		P
Silver		46.70		47.00		1		P
Sodium		172000.00		170000.00		1		P
Thallium		1920.00		1930.00		1		P
Vanadium		484.00		484.00		0		P
Zinc		513.00		516.00		1		P

Comments:

METALS

-7-

LABORATORY CONTROL SAMPLE

Contract: R1706281

Lab Code: _____ Case No.: _____ SAS No.: _____ SDG NO.: FT-MW-102

Solid LCS Source: _____

Aqueous LCS Source: CPI

Analyte	Aqueous (ug/L			Solid (mg/K				
	True	Found	%R	True	Found	C	Limits	%R
Aluminum	2000	1840	92					
Antimony	500	474	95					
Arsenic	40	48	120					
Barium	2000	2010	100					
Beryllium	50	47	94					
Cadmium	50	47	94					
Mercury	1.000	1.050	105					
Calcium	2000	1880	94					
Chromium	200	193	96					
Cobalt	500	499	100					
Copper	250	234	94					
Iron	1000	934	93					
Lead	500	480	96					
Magnesium	2000	1890	94					
Manganese	500	483	97					
Nickel	500	498	100					
Potassium	20000	18500	92					
Selenium	1010	975	97					
Silver	50	46	92					
Sodium	20000	19500	98					
Thallium	2000	1800	90					
Vanadium	500	480	96					
Zinc	500	467	93					

Comments: _____

General Chemistry

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	R1706281-MB		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Cyanide, Dissolved	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:16	07/18/17	
Cyanide, Total	9012B	0.010 U	mg/L	0.010	0.002	1	07/20/17 21:16	07/18/17	

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17
Sample Matrix:	Water	**Date Received:**	07/11/17
		Date Analyzed:	07/20/17
		Date Extracted:	07/18/17

Duplicate Matrix Spike Summary
Cyanide, Total

Sample Name:	FT-MW-103	**Units:**	mg/L
Lab Code:	R1706281-007	**Basis:**	NA
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike			Duplicate Matrix Spike					
		R1706281-007MS			R1706281-007DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Total	0.010 U	0.094	0.100	94	0.099	0.100	99	77-119	6	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	TRC Environmental Corporation	**Service Request:**	R1706281
Project:	NYS DEC Fortino Tire	**Date Collected:**	07/11/17
Sample Matrix:	Water	**Date Received:**	07/11/17
		Date Analyzed:	07/20/17
		Date Extracted:	07/18/17

Duplicate Matrix Spike Summary
Cyanide, Dissolved

Sample Name:	FT-MW-103 Dissolved	**Units:**	mg/L
Lab Code:	R1706281-008	**Basis:**	NA
Analysis Method:	9012B		
Prep Method:	Method		

		Matrix Spike R1706281-008MS			Duplicate Matrix Spike R1706281-008DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Cyanide, Dissolved	0.010 U	0.097	0.100	97	0.094	0.100	94	77-119	3	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/20/17

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/L
Basis:NA

Lab Control Sample
R1706281-LCS1

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Dissolved	9012B	0.0984	0.100	98	85-115
Cyanide, Total	9012B	0.0984	0.100	98	85-115

Client: TRC Environmental Corporation
Project: NYS DEC Fortino Tire
Sample Matrix: Water

Service Request: R1706281
Date Analyzed: 07/20/17

Lab Control Sample Summary
General Chemistry Parameters

Units:mg/L
Basis:NA

Lab Control Sample
R1706281-LCS2

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Cyanide, Dissolved	9012B	0.566	0.600	94	85-115
Cyanide, Total	9012B	0.566	0.600	94	85-115

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-120950-1
Client Project/Site: NYSDEC - Fortino Tire Site

For:
TRC Environmental Corporation
10 Maxwell Drive
Suite 200
Clifton Park, New York 12065

Attn: Marc E Flanagan

Melissa Deyo

Authorized for release by:
7/31/2017 8:53:55 PM

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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-120950-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-120950-1

Receipt
The samples were received on 7/12/2017 1:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.0º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LCMS
Method(s) 537 (modified): The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 320-175739 and 320-175739 and analytical batch 320-176414 recovered outside control limits for the following analyte: Perfluorotetradecanoic acid (PFTeA). This analyte was biased high in the LCS/LCSD and was detected below the reporting limit in the associated samples; therefore, the data have been reported.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following samples is below the method recommended limit for 13C8 FOSA: FT-MW-102 (480-120950-1), FT-MW-105 (480-120950-3), FT-MW-104 (480-120950-5), FT-MW-01 (480-120950-7), (320-29841-A-2-A), (320-29841-A-2-B MS) and (320-29841-A-2-C MSD). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the samples.

Method(s) 537 (modified): The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Perfluorotetradecanoic acid (PFTeA)preparation batch 320-175739 and analytical batch 320-176417 were outside control limits. Sample matrix interference is suspected. All associated samples had PFTeA detections below the reporting limit.

Method(s) 537 (modified): The matrix spike recovery for Perfluorotridecanoic Acid (PFTriA) preparation batch 320-175739 and analytical batch 320-176417 was outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 537 (modified): The following samples were diluted to bring the concentration of target analytes within the calibration range: FT-MW-103 (480-120950-4) and FT-MW-104 (480-120950-5). Elevated reporting limits (RLs) are provided.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recoveries associated with the following samples are below the method recommended limit for 13C8 FOSA and 13C4 PFBA: FT-MW-101 (480-120950-2) and FT-MW-106 (480-120950-6). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the samples.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recoveries associated with the following sample are below the method recommended limit for 13C8 FOSA and 13C5 PFPeA: FT-MW-103 (480-120950-4). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit for 13C8 FOSA and 13C4 PFBA: FT-MW-102 (480-120950-1). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample. All detection limits are below the lower calibration.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3535: Approximately 250mL of the aqueous portion of the following samples were decanted into a new polyethylene bottle prior to extraction due to an excessive amount of sediment in the sample bottles which had the potential to clog the solid-phase column: FT-MW-102 (480-120950-1), FT-MW-101 (480-120950-2), FT-MW-105 (480-120950-3), FT-MW-104 (480-120950-5), FT-MW-106 (480-120950-6) and FT-MW-01 (480-120950-7)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 480-120950-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 480-120950-1

Client Sample ID: FT-MW-102 — Lab Sample ID: 480-120950-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	130	B	2.0	0.45	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	9.5		2.0	0.77	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	7.5		2.0	0.79	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	74		2.0	0.74	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	49		2.0	0.64	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	2.1		2.0	0.43	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	12		2.0	0.90	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	24		2.0	0.86	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	1.8	J	2.0	0.70	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	77		2.0	1.3	ng/L	1		537 (modified)	Total/NA
Perfluorooctane Sulfonamide (FOSA)	1.8	J	39	0.63	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FT-MW-101 — Lab Sample ID: 480-120950-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	24		2.0	0.78	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	21		2.0	0.80	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	150		2.0	0.75	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	12		2.0	0.65	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	2.1		2.0	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	1.0	J *	2.0	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	15		2.0	0.92	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	62		2.0	0.87	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	3.2		2.0	0.71	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	50		2.0	1.3	ng/L	1		537 (modified)	Total/NA
Perfluorooctane Sulfonamide (FOSA)	1.0	J	40	0.64	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FT-MW-105 — Lab Sample ID: 480-120950-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	17		2.0	0.78	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.9		2.0	0.80	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	42		2.0	0.75	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	11		2.0	0.65	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	1.3	J	2.0	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	1.1	J *	2.0	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	6.7		2.0	0.92	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	53		2.0	0.87	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	2.7		2.0	0.71	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	71		2.0	1.3	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FT-MW-103 — Lab Sample ID: 480-120950-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	66		1.9	0.77	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	28		1.9	0.63	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	2.0		1.9	0.42	ng/L	1		537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.0	J	1.9	0.72	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 480-120950-1

Client Sample ID: FT-MW-103 (Continued) — Lab Sample ID: 480-120950-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanesulfonic acid (PFBS)	19		1.9	0.89	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	97		1.9	0.84	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	4.0		1.9	0.69	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	160		1.9	1.2	ng/L	1		537 (modified)	Total/NA
Perfluorooctane Sulfonamide (FOSA)	0.86	J	39	0.62	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - DL	320	B	9.6	2.2	ng/L	5		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA) - DL	400		9.6	3.6	ng/L	5		537 (modified)	Total/NA

Client Sample ID: FT-MW-104 — Lab Sample ID: 480-120950-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	42		2.0	0.79	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	24		2.0	0.81	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	120		2.0	0.75	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	6.7		2.0	0.66	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	1.4	J	2.0	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	24		2.0	0.93	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	40		2.0	0.88	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	2.0		2.0	0.72	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	55		2.0	1.3	ng/L	1		537 (modified)	Total/NA
Perfluorooctane Sulfonamide (FOSA)	0.91	J	40	0.64	ng/L	1		537 (modified)	Total/NA
Perfluorobutanoic acid (PFBA) - DL	180	B	10	2.3	ng/L	5		537 (modified)	Total/NA

Client Sample ID: FT-MW-106 — Lab Sample ID: 480-120950-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	190		1.9	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	18		1.9	0.76	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	12		1.9	0.77	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	36		1.9	0.72	ng/L	1		537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	0.61	J *	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	15		1.9	0.88	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	19		1.9	0.84	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.6		1.9	1.2	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FT-MW-01 — Lab Sample ID: 480-120950-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorotetradecanoic acid (PFTeA)	1.3	J *	2.0	0.20	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: FT-MW-102

Date Collected: 07/11/17 09:10
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-1
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/21/17 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*71 - 144*		*07/21/17 01:24*	*1*
4-Bromofluorobenzene	*98*		*72 - 133*		*07/21/17 01:24*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**130**	**B**	2.0	0.45	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.97	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorohexanoic acid (PFHxA)	**9.5**		2.0	0.77	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluoroheptanoic acid (PFHpA)	**7.5**		2.0	0.79	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorooctanoic acid (PFOA)	**74**		2.0	0.74	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorononanoic acid (PFNA)	**49**		2.0	0.64	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorodecanoic acid (PFDA)	**2.1**		2.0	0.43	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.74	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.58	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.54	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorotetradecanoic acid (PFTeA)	ND	*	2.0	0.20	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorobutanesulfonic acid (PFBS)	**12**		2.0	0.90	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorohexanesulfonic acid (PFHxS)	**24**		2.0	0.86	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluoroheptanesulfonic Acid (PFHpS)	**1.8**	**J**	2.0	0.70	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorooctanesulfonic acid (PFOS)	**77**		2.0	1.3	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		07/25/17 08:56	07/28/17 14:38	1
Perfluorooctane Sulfonamide (FOSA)	**1.8**	**J**	39	0.63	ng/L		07/25/17 08:56	07/28/17 14:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*12*	*	*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
13C4 PFBA	*24*	*	*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
13C2 PFHxA	*59*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
13C4 PFOA	*66*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
13C5 PFNA	*64*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
13C2 PFDA	*74*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
13C2 PFUnA	*83*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
13C2 PFDoA	*66*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
18O2 PFHxS	*69*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
13C4 PFOS	*64*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
13C4-PFHpA	*56*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*
13C5 PFPeA	*44*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:38*	*1*

Client Sample ID: FT-MW-101

Date Collected: 07/11/17 09:15
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-2
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/20/17 01:23	1

Client Sample ID: FT-MW-101

Date Collected: 07/11/17 09:15
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-2

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		71 - 144		07/20/17 01:23	1
4-Bromofluorobenzene	103		72 - 133		07/20/17 01:23	1

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0	0.46	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.99	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorohexanoic acid (PFHxA)	**24**		2.0	0.78	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluoroheptanoic acid (PFHpA)	**21**		2.0	0.80	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorooctanoic acid (PFOA)	**150**		2.0	0.75	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorononanoic acid (PFNA)	**12**		2.0	0.65	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorodecanoic acid (PFDA)	**2.1**		2.0	0.44	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.75	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.58	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.55	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorotetradecanoic acid (PFTeA)	**1.0**	**J ***	2.0	0.20	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorobutanesulfonic acid (PFBS)	**15**		2.0	0.92	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorohexanesulfonic acid (PFHxS)	**62**		2.0	0.87	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluoroheptanesulfonic Acid (PFHpS)	**3.2**		2.0	0.71	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorooctanesulfonic acid (PFOS)	**50**		2.0	1.3	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		07/25/17 08:56	07/27/17 17:56	1
Perfluorooctane Sulfonamide (FOSA)	**1.0**	**J**	40	0.64	ng/L		07/25/17 08:56	07/27/17 17:56	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 FOSA	13	*	25 - 150	07/25/17 08:56	07/27/17 17:56	1
13C4 PFBA	15	*	25 - 150	07/25/17 08:56	07/27/17 17:56	1
13C2 PFHxA	44		25 - 150	07/25/17 08:56	07/27/17 17:56	1
13C4 PFOA	63		25 - 150	07/25/17 08:56	07/27/17 17:56	1
13C5 PFNA	65		25 - 150	07/25/17 08:56	07/27/17 17:56	1
13C2 PFDA	72		25 - 150	07/25/17 08:56	07/27/17 17:56	1
13C2 PFUnA	81		25 - 150	07/25/17 08:56	07/27/17 17:56	1
13C2 PFDoA	70		25 - 150	07/25/17 08:56	07/27/17 17:56	1
18O2 PFHxS	66		25 - 150	07/25/17 08:56	07/27/17 17:56	1
13C4 PFOS	66		25 - 150	07/25/17 08:56	07/27/17 17:56	1
13C4-PFHpA	53		25 - 150	07/25/17 08:56	07/27/17 17:56	1
13C5 PFPeA	29		25 - 150	07/25/17 08:56	07/27/17 17:56	1

Client Sample ID: FT-MW-105

Date Collected: 07/11/17 10:50
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-3

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/20/17 01:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	73		71 - 144		07/20/17 01:46	1

Client Sample ID: FT-MW-105

Date Collected: 07/11/17 10:50
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-3

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	*110*		*72 - 133*		*07/20/17 01:46*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0	0.46	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.99	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorohexanoic acid (PFHxA)	**17**		2.0	0.78	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluoroheptanoic acid (PFHpA)	**6.9**		2.0	0.80	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorooctanoic acid (PFOA)	**42**		2.0	0.75	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorononanoic acid (PFNA)	**11**		2.0	0.65	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorodecanoic acid (PFDA)	**1.3**	**J**	2.0	0.44	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.75	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.58	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.55	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorotetradecanoic acid (PFTeA)	**1.1**	**J ***	2.0	0.20	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorobutanesulfonic acid (PFBS)	**6.7**		2.0	0.92	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorohexanesulfonic acid (PFHxS)	**53**		2.0	0.87	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluoroheptanesulfonic Acid (PFHpS)	**2.7**		2.0	0.71	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorooctanesulfonic acid (PFOS)	**71**		2.0	1.3	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		07/25/17 08:56	07/27/17 18:03	1
Perfluorooctane Sulfonamide (FOSA)	ND		40	0.64	ng/L		07/25/17 08:56	07/27/17 18:03	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 FOSA	*16*	*	*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
13C4 PFBA	*31*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
13C2 PFHxA	*70*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
13C4 PFOA	*73*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
13C5 PFNA	*76*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
13C2 PFDA	*94*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
13C2 PFUnA	*88*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
13C2 PFDoA	*74*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
18O2 PFHxS	*77*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
13C4 PFOS	*79*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
13C4-PFHpA	*68*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*
13C5 PFPeA	*55*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:03*	*1*

Client Sample ID: FT-MW-103

Date Collected: 07/11/17 11:15
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-4

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/21/17 01:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*89*		*71 - 144*		*07/21/17 01:46*	*1*
4-Bromofluorobenzene	*85*		*72 - 133*		*07/21/17 01:46*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	ND		1.9	0.95	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorohexanoic acid (PFHxA)	ND		1.9	0.76	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluoroheptanoic acid (PFHpA)	**66**		1.9	0.77	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorononanoic acid (PFNA)	**28**		1.9	0.63	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorodecanoic acid (PFDA)	**2.0**		1.9	0.42	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluoroundecanoic acid (PFUnA)	**1.0**	**J**	1.9	0.72	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.56	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	0.53	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorotetradecanoic acid (PFTeA)	ND	*	1.9	0.19	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorobutanesulfonic acid (PFBS)	**19**		1.9	0.89	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorohexanesulfonic acid (PFHxS)	**97**		1.9	0.84	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluoroheptanesulfonic Acid (PFHpS)	**4.0**		1.9	0.69	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorooctanesulfonic acid (PFOS)	**160**		1.9	1.2	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	1.2	ng/L		07/25/17 08:56	07/27/17 18:10	1
Perfluorooctane Sulfonamide (FOSA)	**0.86**	**J**	39	0.62	ng/L		07/25/17 08:56	07/27/17 18:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*9*	*	*25 - 150*	*07/25/17 08:56*	*07/27/17 18:10*	*1*
13C2 PFHxA	*28*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:10*	*1*
13C5 PFNA	*71*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:10*	*1*
13C2 PFDA	*72*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:10*	*1*
13C2 PFUnA	*77*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:10*	*1*
13C2 PFDoA	*60*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:10*	*1*
18O2 PFHxS	*77*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:10*	*1*
13C4 PFOS	*78*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:10*	*1*
13C4-PFHpA	*47*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:10*	*1*
13C5 PFPeA	*20*	*	*25 - 150*	*07/25/17 08:56*	*07/27/17 18:10*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**320**	**B**	9.6	2.2	ng/L		07/25/17 08:56	07/28/17 14:45	5
Perfluorooctanoic acid (PFOA)	**400**		9.6	3.6	ng/L		07/25/17 08:56	07/28/17 14:45	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*27*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:45*	*5*
13C4 PFOA	*91*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:45*	*5*

Client Sample ID: FT-MW-104

Date Collected: 07/11/17 13:00
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-5

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/21/17 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*71 - 144*		*07/21/17 02:09*	*1*
4-Bromofluorobenzene	*97*		*72 - 133*		*07/21/17 02:09*	*1*

Client Sample ID: FT-MW-104

Date Collected: 07/11/17 13:00
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-5
Matrix: Water

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoropentanoic acid (PFPeA)	ND		2.0	1.0	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorohexanoic acid (PFHxA)	**42**		2.0	0.79	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluoroheptanoic acid (PFHpA)	**24**		2.0	0.81	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorooctanoic acid (PFOA)	**120**		2.0	0.75	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorononanoic acid (PFNA)	**6.7**		2.0	0.66	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorodecanoic acid (PFDA)	**1.4**	**J**	2.0	0.44	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.75	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.59	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.56	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorotetradecanoic acid (PFTeA)	ND	*	2.0	0.20	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorobutanesulfonic acid (PFBS)	**24**		2.0	0.93	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorohexanesulfonic acid (PFHxS)	**40**		2.0	0.88	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluoroheptanesulfonic Acid (PFHpS)	**2.0**		2.0	0.72	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorooctanesulfonic acid (PFOS)	**55**		2.0	1.3	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		07/25/17 08:56	07/27/17 18:17	1
Perfluorooctane Sulfonamide (FOSA)	**0.91**	**J**	40	0.64	ng/L		07/25/17 08:56	07/27/17 18:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*12*	*	*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*
13C2 PFHxA	*49*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*
13C4 PFOA	*69*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*
13C5 PFNA	*78*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*
13C2 PFDA	*86*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*
13C2 PFUnA	*81*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*
13C2 PFDoA	*62*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*
18O2 PFHxS	*78*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*
13C4 PFOS	*78*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*
13C4-PFHpA	*64*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*
13C5 PFPeA	*25*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:17*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**180**	**B**	10	2.3	ng/L		07/25/17 08:56	07/28/17 14:52	5

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*31*		*25 - 150*	*07/25/17 08:56*	*07/28/17 14:52*	*5*

Client Sample ID: FT-MW-106

Date Collected: 07/11/17 13:45
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-6
Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/20/17 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*71 - 144*		*07/20/17 02:54*	*1*
4-Bromofluorobenzene	*106*		*72 - 133*		*07/20/17 02:54*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**190**		1.9	0.44	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluoropentanoic acid (PFPeA)	ND		1.9	0.95	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorohexanoic acid (PFHxA)	**18**		1.9	0.76	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluoroheptanoic acid (PFHpA)	**12**		1.9	0.77	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorooctanoic acid (PFOA)	**36**		1.9	0.72	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.63	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.42	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.72	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.56	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	0.53	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorotetradecanoic acid (PFTeA)	**0.61**	**J ***	1.9	0.19	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorobutanesulfonic acid (PFBS)	**15**		1.9	0.88	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorohexanesulfonic acid (PFHxS)	**19**		1.9	0.84	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.69	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorooctanesulfonic acid (PFOS)	**3.6**		1.9	1.2	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	1.2	ng/L		07/25/17 08:56	07/27/17 18:23	1
Perfluorooctane Sulfonamide (FOSA)	ND		39	0.61	ng/L		07/25/17 08:56	07/27/17 18:23	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*9*	*	*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
13C4 PFBA	*13*	*	*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
13C2 PFHxA	*64*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
13C4 PFOA	*77*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
13C5 PFNA	*85*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
13C2 PFDA	*92*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
13C2 PFUnA	*82*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
13C2 PFDoA	*63*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
18O2 PFHxS	*86*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
13C4 PFOS	*83*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
13C4-PFHpA	*73*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*
13C5 PFPeA	*37*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:23*	*1*

Client Sample ID: FT-MW-01

Date Collected: 07/11/17 15:30
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-7

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/21/17 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*71 - 144*		*07/21/17 04:25*	*1*
4-Bromofluorobenzene	*92*		*72 - 133*		*07/21/17 04:25*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		2.0	0.45	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.97	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.77	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.79	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.73	ng/L		07/25/17 08:56	07/27/17 18:30	1

Client Sample ID: FT-MW-01
Date Collected: 07/11/17 15:30
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-7
Matrix: Water

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	ND		2.0	0.64	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.43	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.73	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.57	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.54	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorotetradecanoic acid (PFTeA)	**1.3**	**J ***	2.0	0.20	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.90	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.85	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.70	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		07/25/17 08:56	07/27/17 18:30	1
Perfluorooctane Sulfonamide (FOSA)	ND		39	0.63	ng/L		07/25/17 08:56	07/27/17 18:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*2*	*	*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
13C4 PFBA	*50*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
13C2 PFHxA	*82*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
13C4 PFOA	*100*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
13C5 PFNA	*89*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
13C2 PFDA	*100*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
13C2 PFUnA	*95*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
13C2 PFDoA	*91*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
18O2 PFHxS	*111*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
13C4 PFOS	*112*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
13C4-PFHpA	*102*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*
13C5 PFPeA	*75*		*25 - 150*	*07/25/17 08:56*	*07/27/17 18:30*	*1*

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 480-120950-1

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		12DCE	BFB
Lab Sample ID	Client Sample ID	(71-144)	(72-133)
480-120950-1	FT-MW-102	89	98
480-120950-2	FT-MW-101	94	103
480-120950-3	FT-MW-105	73	110
480-120950-4	FT-MW-103	89	85
480-120950-5	FT-MW-104	86	97
480-120950-6	FT-MW-106	83	106
480-120950-7	FT-MW-01	95	92
LCS 460-450567/4	Lab Control Sample	91	101
LCS 460-450833/4	Lab Control Sample	119	97
LCSD 460-450567/5	Lab Control Sample Dup	80	102
LCSD 460-450833/6	Lab Control Sample Dup	109	99
MB 460-450567/8	Method Blank	85	99
MB 460-450833/9	Method Blank	100	86

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene

Isotope Dilution Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 480-120950-1

Method: 537 (modified) - Perfluorinated Hydrocarbons

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	3C8 FOSA (25-150)	3C4 PFBA (25-150)	3C2 PFHxA (25-150)	3C4 PFOA (25-150)	3C5 PFNA (25-150)	3C2 PFDA (25-150)	3C2 PFUnA (25-150)	3C2 PFDoA (25-150)
480-120950-1	FT-MW-102	12 *	24 *	59	66	64	74	83	66
480-120950-2	FT-MW-101	13 *	15 *	44	63	65	72	81	70
480-120950-3	FT-MW-105	16 *	31	70	73	76	94	88	74
480-120950-4	FT-MW-103	9 *		28		71	72	77	60
480-120950-4 - DL	FT-MW-103		27		91				
480-120950-5	FT-MW-104	12 *		49	69	78	86	81	62
480-120950-5 - DL	FT-MW-104		31						
480-120950-6	FT-MW-106	9 *	13 *	64	77	85	92	82	63
480-120950-7	FT-MW-01	2 *	50	82	100	89	100	95	91
LCS 320-175739/2-A	Lab Control Sample	75	112	120	131	115	129	117	101
LCSD 320-175739/3-A	Lab Control Sample Dup	43	114	122	128	116	127	122	104
MB 320-175739/1-A	Method Blank	55	121	126	144	131	137	124	102

		Percent Isotope Dilution Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	18O2 PFHxS (25-150)	13C4 PFOS (25-150)	13C4-PFHpA (25-150)	13C5 PFPeA (25-150)
480-120950-1	FT-MW-102	69	64	56	44
480-120950-2	FT-MW-101	66	66	53	29
480-120950-3	FT-MW-105	77	79	68	55
480-120950-4	FT-MW-103	77	78	47	20 *
480-120950-4 - DL	FT-MW-103				
480-120950-5	FT-MW-104	78	78	64	25
480-120950-5 - DL	FT-MW-104				
480-120950-6	FT-MW-106	86	83	73	37
480-120950-7	FT-MW-01	111	112	102	75
LCS 320-175739/2-A	Lab Control Sample	118	114	129	119
LCSD 320-175739/3-A	Lab Control Sample Dup	116	106	128	117
MB 320-175739/1-A	Method Blank	122	122	136	124

Surrogate Legend

13C8 FOSA = 13C8 FOSA
13C4 PFBA = 13C4 PFBA
13C2 PFHxA = 13C2 PFHxA
13C4 PFOA = 13C4 PFOA
13C5 PFNA = 13C5 PFNA
13C2 PFDA = 13C2 PFDA
13C2 PFUnA = 13C2 PFUnA
13C2 PFDoA = 13C2 PFDoA
18O2 PFHxS = 18O2 PFHxS
13C4 PFOS = 13C4 PFOS
13C4-PFHpA = 13C4-PFHpA
13C5 PFPeA = 13C5 PFPeA

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-450567/8
Matrix: Water
Analysis Batch: 450567

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/19/17 23:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*71 - 144*		*07/19/17 23:30*	*1*
4-Bromofluorobenzene	*99*		*72 - 133*		*07/19/17 23:30*	*1*

Lab Sample ID: LCS 460-450567/4
Matrix: Water
Analysis Batch: 450567

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			5.00	5.19		ug/L		104	66 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*71 - 144*
4-Bromofluorobenzene	*101*		*72 - 133*

Lab Sample ID: LCSD 460-450567/5
Matrix: Water
Analysis Batch: 450567

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			5.00	4.98		ug/L		100	66 - 135	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*71 - 144*
4-Bromofluorobenzene	*102*		*72 - 133*

Lab Sample ID: MB 460-450833/9
Matrix: Water
Analysis Batch: 450833

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			07/20/17 23:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 144*		*07/20/17 23:07*	*1*
4-Bromofluorobenzene	*86*		*72 - 133*		*07/20/17 23:07*	*1*

Lab Sample ID: LCS 460-450833/4
Matrix: Water
Analysis Batch: 450833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			5.00	3.68		ug/L		74	66 - 135		

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-450833/4
Matrix: Water
Analysis Batch: 450833

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 144*
4-Bromofluorobenzene	*97*		*72 - 133*

Lab Sample ID: LCSD 460-450833/6
Matrix: Water
Analysis Batch: 450833

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane	5.00	3.60		ug/L		72	66 - 135	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 144*
4-Bromofluorobenzene	*99*		*72 - 133*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Lab Sample ID: MB 320-175739/1-A
Matrix: Water
Analysis Batch: 176414

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 175739

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.540	J	2.0	0.46	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.99	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.79	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.44	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.75	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.58	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.55	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorotetradecanoic acid (PFTeA)	1.23	J	2.0	0.20	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.71	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		07/25/17 08:54	07/27/17 15:38	1
Perfluorooctane Sulfonamide (FOSA)	ND		40	0.64	ng/L		07/25/17 08:54	07/27/17 15:38	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*55*		*25 - 150*	*07/25/17 08:54*	*07/27/17 15:38*	*1*
13C4 PFBA	*121*		*25 - 150*	*07/25/17 08:54*	*07/27/17 15:38*	*1*
13C2 PFHxA	*126*		*25 - 150*	*07/25/17 08:54*	*07/27/17 15:38*	*1*
13C4 PFOA	*144*		*25 - 150*	*07/25/17 08:54*	*07/27/17 15:38*	*1*
13C5 PFNA	*131*		*25 - 150*	*07/25/17 08:54*	*07/27/17 15:38*	*1*
13C2 PFDA	*137*		*25 - 150*	*07/25/17 08:54*	*07/27/17 15:38*	*1*
13C2 PFUnA	*124*		*25 - 150*	*07/25/17 08:54*	*07/27/17 15:38*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Lab Sample ID: MB 320-175739/1-A
Matrix: Water
Analysis Batch: 176414

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 175739

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDoA	102		25 - 150	07/25/17 08:54	07/27/17 15:38	1
18O2 PFHxS	122		25 - 150	07/25/17 08:54	07/27/17 15:38	1
13C4 PFOS	122		25 - 150	07/25/17 08:54	07/27/17 15:38	1
13C4-PFHpA	136		25 - 150	07/25/17 08:54	07/27/17 15:38	1
13C5 PFPeA	124		25 - 150	07/25/17 08:54	07/27/17 15:38	1

Lab Sample ID: LCS 320-175739/2-A
Matrix: Water
Analysis Batch: 176414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 175739

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	46.3		ng/L		116	74 - 138
Perfluoropentanoic acid (PFPeA)	40.0	40.0		ng/L		100	69 - 134
Perfluorohexanoic acid (PFHxA)	40.0	43.5		ng/L		109	70 - 136
Perfluoroheptanoic acid (PFHpA)	40.0	39.3		ng/L		98	63 - 135
Perfluorooctanoic acid (PFOA)	40.0	39.6		ng/L		99	63 - 141
Perfluorononanoic acid (PFNA)	40.0	41.7		ng/L		104	71 - 140
Perfluorodecanoic acid (PFDA)	40.0	41.9		ng/L		105	66 - 141
Perfluoroundecanoic acid (PFUnA)	40.0	44.5		ng/L		111	68 - 139
Perfluorododecanoic acid (PFDoA)	40.0	44.6		ng/L		112	71 - 139
Perfluorotridecanoic Acid (PFTriA)	40.0	47.0		ng/L		117	51 - 139
Perfluorotetradecanoic acid (PFTeA)	40.0	66.7	*	ng/L		167	47 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	37.0		ng/L		105	55 - 147
Perfluorohexanesulfonic acid (PFHxS)	36.4	35.1		ng/L		97	58 - 138
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	43.2		ng/L		114	32 - 170
Perfluorooctanesulfonic acid (PFOS)	37.1	37.5		ng/L		101	47 - 162
Perfluorodecanesulfonic acid (PFDS)	38.6	39.5		ng/L		102	35 - 157
Perfluorooctane Sulfonamide (FOSA)	40.0	46.9		ng/L		117	59 - 163

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C8 FOSA	75		25 - 150
13C4 PFBA	112		25 - 150
13C2 PFHxA	120		25 - 150
13C4 PFOA	131		25 - 150
13C5 PFNA	115		25 - 150
13C2 PFDA	129		25 - 150
13C2 PFUnA	117		25 - 150
13C2 PFDoA	101		25 - 150
18O2 PFHxS	118		25 - 150
13C4 PFOS	114		25 - 150
13C4-PFHpA	129		25 - 150

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Lab Sample ID: LCS 320-175739/2-A
Matrix: Water
Analysis Batch: 176414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 175739

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C5 PFPeA	119		25 - 150

Lab Sample ID: LCSD 320-175739/3-A
Matrix: Water
Analysis Batch: 176414

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 175739

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			40.0	41.5		ng/L		104	74 - 138	11	30
Perfluoropentanoic acid (PFPeA)			40.0	37.1		ng/L		93	69 - 134	8	30
Perfluorohexanoic acid (PFHxA)			40.0	40.7		ng/L		102	70 - 136	7	30
Perfluoroheptanoic acid (PFHpA)			40.0	39.7		ng/L		99	63 - 135	1	30
Perfluorooctanoic acid (PFOA)			40.0	37.8		ng/L		95	63 - 141	5	30
Perfluorononanoic acid (PFNA)			40.0	40.7		ng/L		102	71 - 140	2	30
Perfluorodecanoic acid (PFDA)			40.0	38.1		ng/L		95	66 - 141	10	30
Perfluoroundecanoic acid (PFUnA)			40.0	38.1		ng/L		95	68 - 139	15	30
Perfluorododecanoic acid (PFDoA)			40.0	40.9		ng/L		102	71 - 139	9	30
Perfluorotridecanoic Acid (PFTriA)			40.0	43.7		ng/L		109	51 - 139	7	30
Perfluorotetradecanoic acid (PFTeA)			40.0	67.4	*	ng/L		168	47 - 130	1	30
Perfluorobutanesulfonic acid (PFBS)			35.4	36.3		ng/L		103	55 - 147	2	30
Perfluorohexanesulfonic acid (PFHxS)			36.4	34.7		ng/L		95	58 - 138	1	30
Perfluoroheptanesulfonic Acid (PFHpS)			38.1	44.1		ng/L		116	32 - 170	2	30
Perfluorooctanesulfonic acid (PFOS)			37.1	37.1		ng/L		100	47 - 162	1	30
Perfluorodecanesulfonic acid (PFDS)			38.6	39.7		ng/L		103	35 - 157	1	30
Perfluorooctane Sulfonamide (FOSA)			40.0	44.3		ng/L		111	59 - 163	6	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C8 FOSA	43		25 - 150
13C4 PFBA	114		25 - 150
13C2 PFHxA	122		25 - 150
13C4 PFOA	128		25 - 150
13C5 PFNA	116		25 - 150
13C2 PFDA	127		25 - 150
13C2 PFUnA	122		25 - 150
13C2 PFDoA	104		25 - 150
18O2 PFHxS	116		25 - 150
13C4 PFOS	106		25 - 150
13C4-PFHpA	128		25 - 150
13C5 PFPeA	117		25 - 150

GC/MS VOA

Analysis Batch: 450567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120950-2	FT-MW-101	Total/NA	Water	8260C SIM	
480-120950-3	FT-MW-105	Total/NA	Water	8260C SIM	
480-120950-6	FT-MW-106	Total/NA	Water	8260C SIM	
MB 460-450567/8	Method Blank	Total/NA	Water	8260C SIM	
LCS 460-450567/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 460-450567/5	Lab Control Sample Dup	Total/NA	Water	8260C SIM	

Analysis Batch: 450833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120950-1	FT-MW-102	Total/NA	Water	8260C SIM	
480-120950-4	FT-MW-103	Total/NA	Water	8260C SIM	
480-120950-5	FT-MW-104	Total/NA	Water	8260C SIM	
480-120950-7	FT-MW-01	Total/NA	Water	8260C SIM	
MB 460-450833/9	Method Blank	Total/NA	Water	8260C SIM	
LCS 460-450833/4	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 460-450833/6	Lab Control Sample Dup	Total/NA	Water	8260C SIM	

LCMS

Prep Batch: 175739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120950-1	FT-MW-102	Total/NA	Water	3535	
480-120950-2	FT-MW-101	Total/NA	Water	3535	
480-120950-3	FT-MW-105	Total/NA	Water	3535	
480-120950-4 - DL	FT-MW-103	Total/NA	Water	3535	
480-120950-4	FT-MW-103	Total/NA	Water	3535	
480-120950-5 - DL	FT-MW-104	Total/NA	Water	3535	
480-120950-5	FT-MW-104	Total/NA	Water	3535	
480-120950-6	FT-MW-106	Total/NA	Water	3535	
480-120950-7	FT-MW-01	Total/NA	Water	3535	
MB 320-175739/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-175739/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-175739/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 176414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 320-175739/1-A	Method Blank	Total/NA	Water	537 (modified)	175739
LCS 320-175739/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	175739
LCSD 320-175739/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	175739

Analysis Batch: 176417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120950-2	FT-MW-101	Total/NA	Water	537 (modified)	175739
480-120950-3	FT-MW-105	Total/NA	Water	537 (modified)	175739
480-120950-4	FT-MW-103	Total/NA	Water	537 (modified)	175739
480-120950-5	FT-MW-104	Total/NA	Water	537 (modified)	175739
480-120950-6	FT-MW-106	Total/NA	Water	537 (modified)	175739
480-120950-7	FT-MW-01	Total/NA	Water	537 (modified)	175739

LCMS (Continued)

Analysis Batch: 176619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-120950-1	FT-MW-102	Total/NA	Water	537 (modified)	175739
480-120950-4 - DL	FT-MW-103	Total/NA	Water	537 (modified)	175739
480-120950-5 - DL	FT-MW-104	Total/NA	Water	537 (modified)	175739

Client Sample ID: FT-MW-102
Date Collected: 07/11/17 09:10
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	450833	07/21/17 01:24	DAS	TAL EDI
Total/NA	Prep	3535			175739	07/25/17 08:56	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	176619	07/28/17 14:38	SBC	TAL SAC

Client Sample ID: FT-MW-101
Date Collected: 07/11/17 09:15
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	450567	07/20/17 01:23	DAS	TAL EDI
Total/NA	Prep	3535			175739	07/25/17 08:56	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	176417	07/27/17 17:56	SBC	TAL SAC

Client Sample ID: FT-MW-105
Date Collected: 07/11/17 10:50
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	450567	07/20/17 01:46	DAS	TAL EDI
Total/NA	Prep	3535			175739	07/25/17 08:56	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	176417	07/27/17 18:03	SBC	TAL SAC

Client Sample ID: FT-MW-103
Date Collected: 07/11/17 11:15
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	450833	07/21/17 01:46	DAS	TAL EDI
Total/NA	Prep	3535			175739	07/25/17 08:56	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	176417	07/27/17 18:10	SBC	TAL SAC
Total/NA	Prep	3535	DL		175739	07/25/17 08:56	J1S	TAL SAC
Total/NA	Analysis	537 (modified)	DL	5	176619	07/28/17 14:45	SBC	TAL SAC

Client Sample ID: FT-MW-104
Date Collected: 07/11/17 13:00
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	450833	07/21/17 02:09	DAS	TAL EDI
Total/NA	Prep	3535			175739	07/25/17 08:56	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	176417	07/27/17 18:17	SBC	TAL SAC
Total/NA	Prep	3535	DL		175739	07/25/17 08:56	J1S	TAL SAC

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 480-120950-1

Client Sample ID: FT-MW-104

Date Collected: 07/11/17 13:00
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	537 (modified)	DL	5	176619	07/28/17 14:52	SBC	TAL SAC

Client Sample ID: FT-MW-106

Date Collected: 07/11/17 13:45
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	450567	07/20/17 02:54	DAS	TAL EDI
Total/NA	Prep	3535			175739	07/25/17 08:56	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	176417	07/27/17 18:23	SBC	TAL SAC

Client Sample ID: FT-MW-01

Date Collected: 07/11/17 15:30
Date Received: 07/12/17 13:20

Lab Sample ID: 480-120950-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	450833	07/21/17 04:25	DAS	TAL EDI
Total/NA	Prep	3535			175739	07/25/17 08:56	J1S	TAL SAC
Total/NA	Analysis	537 (modified)		1	176417	07/27/17 18:30	SBC	TAL SAC

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 480-120950-1

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Laboratory: TestAmerica Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-18

Laboratory: TestAmerica Sacramento

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11666	04-01-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
537 (modified)	3535	Water	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	3535	Water	Perfluorobutanoic acid (PFBA)
537 (modified)	3535	Water	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	3535	Water	Perfluorodecanoic acid (PFDA)
537 (modified)	3535	Water	Perfluorododecanoic acid (PFDoA)
537 (modified)	3535	Water	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	3535	Water	Perfluoroheptanoic acid (PFHpA)
537 (modified)	3535	Water	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	3535	Water	Perfluorohexanoic acid (PFHxA)
537 (modified)	3535	Water	Perfluorononanoic acid (PFNA)
537 (modified)	3535	Water	Perfluorooctane Sulfonamide (FOSA)
537 (modified)	3535	Water	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	3535	Water	Perfluorooctanoic acid (PFOA)
537 (modified)	3535	Water	Perfluoropentanoic acid (PFPeA)
537 (modified)	3535	Water	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	3535	Water	Perfluorotridecanoic Acid (PFTriA)
537 (modified)	3535	Water	Perfluoroundecanoic acid (PFUnA)

Method Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 480-120950-1

Method	Method Description	Protocol	Laboratory
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL EDI
537 (modified)	Perfluorinated Hydrocarbons	EPA	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 480-120950-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-120950-1	FT-MW-102	Water	07/11/17 09:10	07/12/17 13:20
480-120950-2	FT-MW-101	Water	07/11/17 09:15	07/12/17 13:20
480-120950-3	FT-MW-105	Water	07/11/17 10:50	07/12/17 13:20
480-120950-4	FT-MW-103	Water	07/11/17 11:15	07/12/17 13:20
480-120950-5	FT-MW-104	Water	07/11/17 13:00	07/12/17 13:20
480-120950-6	FT-MW-106	Water	07/11/17 13:45	07/12/17 13:20
480-120950-7	FT-MW-01	Water	07/11/17 15:30	07/12/17 13:20

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228
Phone: 716.691.2600 Fax: 716.691.7991

Chain of Custody Record

202306

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Marc Flanagan	Site Contact: Steve Johnasson	Date: ~~7~~ 7/11/17	COC No:
Company Name: TRC	Tel/Fax:	Lab Contact:	Carrier:	1 of 1 COCs
Address: 10 Maxwell Dr	Analysis Turnaround Time			Sampler:
City/State/Zip: Clifton Park, NY 12065	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (518) 419-2219	TAT if different from Below STD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: NYS DEC Fortino TRC	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	PFC_ISM_PFAs_Standard List	8260C_SIM-1,4-Dioxane	Sample Specific Notes:
FT-MW-102	7/11/17	0910	G	W	3	N		✓	✓	
FT-MW-101	7/11/17	0915	G	W	3	N		✓	✓	
FT-MW-105	7/11/17	1050	G	W	3	N		✓	✓	
FT-MW-103	7/11/17	1115	G	W	3	N		✓	✓	
FT-MW-104	7/11/17	1300	G	W	3	N		✓	✓	
FT-MW-106	7/11/17	1345	G	W	3	N		✓	✓	
FT-MW-01	7/11/17	1530	G	W	3	N		✓	✓	

480-120950 COC

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☑ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: 3.0 Corr'd: _____ | Therm ID No.: #1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TRC	07/12/17 1320		TAS BUFFALO	7/12/17 1320
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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7/31/2017

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-36027.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: melissa.deyo@testamericainc.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-120950-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 7/24/2017			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: NYSDEC - Fortino Tire Site	Project #: 48016016			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA/3535_PFC PFAS, Standard List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
FT-MW-102 (480-120950-1)	7/11/17	09:10 Eastern		Water			X	2	
FT-MW-101 (480-120950-2)	7/11/17	09:15 Eastern		Water			X	2	
FT-MW-105 (480-120950-3)	7/11/17	10:50 Eastern		Water			X	2	
FT-MW-103 (480-120950-4)	7/11/17	11:15 Eastern		Water			X	2	
FT-MW-104 (480-120950-5)	7/11/17	13:00 Eastern		Water			X	2	
FT-MW-106 (480-120950-6)	7/11/17	13:45 Eastern		Water			X	2	
FT-MW-01 (480-120950-7)	7/11/17	15:30 Eastern		Water			X	2	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	7/13/17 1400	TAB UFFALO		7/14/17 928	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1-5

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

480-120950 Chain of Custody

Client Information (Sub Contract Lab)			
Client Contact: Shipping/Receiving	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-36022.1
Company: TestAmerica Laboratories, Inc.	E-Mail: melissa.deyo@testamericainc.com	State of Origin: New York	Page: Page 1 of 1
Address: 777 New Durham Road, ,	Due Date Requested: 7/24/2017	Accreditations Required (See note): NELAP - New York	Job #: 480-120950-1
City: Edison	TAT Requested (days):		
State, Zip: NJ, 08817	PO #:		
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	WO #:		
Email:	Project #: 48016016		
Project Name: NYSDEC - Fortino Tire Site	SSOW#:		
Site:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C_SIM/5030C 1,4-Dioxane	Total Number of Containers	Special Instructions/Note:
			Preservation Code:						
FT-MW-102 (480-120950-1)	7/11/17	09:10 Eastern		Water			X		
FT-MW-101 (480-120950-2)	7/11/17	09:15 Eastern		Water			X		
FT-MW-105 (480-120950-3)	7/11/17	10:50 Eastern		Water			X		
FT-MW-103 (480-120950-4)	7/11/17	11:15 Eastern		Water			X		
FT-MW-104 (480-120950-5)	7/11/17	13:00 Eastern		Water			X		
FT-MW-106 (480-120950-6)	7/11/17	13:45 Eastern		Water			X		
FT-MW-01 (480-120950-7)	7/11/17	15:30 Eastern		Water			X		

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to TestAmerica Laboratories, Inc.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 7/14/17 1600	Company: TAS	Received by: Kim Cummins (FedEx)	Date/Time: 7/15/17 12:00	Company: TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.: 033735		Cooler Temperature(s) °C and Other Remarks:		5.4°C

7/31/2017

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-120950-1

Login Number: 120950
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	trc
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-120950-1

Login Number: 120950
List Number: 3
Creator: Meyers, Gary

List Source: TestAmerica Edison
List Creation: 07/19/17 11:48 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	033735
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.4 ° C IR #8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 480-120950-1

Login Number: 120950
List Number: 2
Creator: Aguayo, Alonso

List Source: TestAmerica Sacramento
List Creation: 07/14/17 04:09 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	033745
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

TestAmerica Job ID: 460-134035-1
Client Project/Site: NYSDEC - Fortino Tire Site

For:
TRC Environmental Corporation
10 Maxwell Drive
Suite 200
Clifton Park, New York 12065

Attn: Marc E Flanagan

Authorized for release by:
6/8/2017 11:39:38 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	ISTD response or retention time outside acceptable limits
X	Surrogate is outside control limits

LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 460-134035-1

Laboratory: TestAmerica Edison

Narrative

Job Narrative
460-134035-1

Receipt
The samples were received on 5/25/2017 9:55 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5º C.

GC/MS VOA
Method(s) 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for batch 439934 recovered outside control limits for the following analyte: 1,4-Dioxane.

Method(s) 8260C: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 and Chlorobenzene-d5 for the following sample were outside acceptance criteria: FT-SD-07 (460-134035-7). These ISTD do not correspond to any of the requested target compounds; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following samples is below the method recommended limit for 13C8 FOSA: FT-WS-08 (460-134035-13), FT-WS-10 (460-134035-14), FT-WS-13 (460-134035-15), FT-WS-14 (460-134035-16), (MB 320-166705/1-A), (480-118397-A-3-A), (480-118397-A-3-B MS) and (480-118397-A-3-C MSD). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the samples.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following samples is below the method recommended limit for 13C4 PFBA: FT-WS-08 (460-134035-13), FT-WS-13 (460-134035-15) and FT-WS-14 (460-134035-16). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the samples.

Method(s) 537 (modified): The following sample was diluted to bring the concentration of target analytes within the calibration range: FT-WS-10 (460-134035-14). Elevated reporting limits (RLs) are provided.

Method(s) 537 (modified): The Isotope Dilution Analyte (IDA) recovery associated with the following samples were below the method recommended limit: FT-SD-01 (460-134035-1), FT-SD-02 (460-134035-2), FT-SD-04 (460-134035-4), FT-SD-05 (460-134035-5), FT-SD-07 (460-134035-7), FT-SD-08 (460-134035-8), FT-SD-11 (460-134035-11), FT-SD-12 (460-134035-12), (460-134035-E-12-B MS) and (460-134035-E-12-C MS). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the samples. All detection limits are below the lower calibration.

Method(s) 537 (modified): The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 320-166697 and analytical batch 320-167590 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method(s) 3535: The following sample: FT-WS-08 (460-134035-13) and FT-WS-10 (460-134035-14) was decanted prior to preparation due to having floating sediment particles and also some wood material.

Method(s) 3535: The following sample was centrifuged prior to spiking and the extraction due to the color being a dark yellow with floating material instead, which we cannot decant: FT-WS-13 (460-134035-15).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Client Sample ID: FT-SD-01 — Lab Sample ID: 460-134035-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.47	B	0.30	0.096	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.42		0.30	0.15	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.21	J	0.30	0.12	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.15	J	0.30	0.084	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.22	J	0.30	0.17	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	3.3		0.30	0.19	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-02 — Lab Sample ID: 460-134035-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.49	B	0.27	0.088	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.25	J	0.27	0.096	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.42		0.27	0.14	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.11	J	0.27	0.11	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.30		0.27	0.16	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.0		0.27	0.17	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-03 — Lab Sample ID: 460-134035-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.19	J B	0.26	0.083	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.64		0.26	0.16	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-04 — Lab Sample ID: 460-134035-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	1.2	B	0.36	0.12	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.38		0.36	0.13	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.19	J	0.36	0.16	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.88		0.36	0.18	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.0		0.36	0.15	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.41		0.36	0.10	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.23	J	0.36	0.19	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.75		0.36	0.21	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	11		0.36	0.23	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-05 — Lab Sample ID: 460-134035-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.50	B	0.43	0.14	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.69		0.43	0.22	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.2		0.43	0.18	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.23	J	0.43	0.12	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.44		0.43	0.25	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	4.8		0.43	0.27	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-06 — Lab Sample ID: 460-134035-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.33	B	0.32	0.10	ug/Kg	1	☼	537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: FT-SD-06 (Continued) — Lab Sample ID: 460-134035-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.42		0.32	0.16	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.40		0.32	0.13	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.24	J	0.32	0.19	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.9		0.32	0.20	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-07 — Lab Sample ID: 460-134035-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.96	B	0.55	0.18	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.39	J	0.55	0.20	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.4		0.55	0.28	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.9		0.55	0.23	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.85		0.55	0.16	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluoroundecanoic acid (PFUnA)	0.48	J	0.55	0.29	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	0.24	J	0.55	0.16	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.63		0.55	0.33	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.40	J	0.55	0.33	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	39		0.55	0.35	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctane Sulfonamide (FOSA)	0.30	J	0.55	0.22	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-08 — Lab Sample ID: 460-134035-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.31	B	0.28	0.092	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.21	J	0.28	0.10	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.60		0.28	0.14	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.43		0.28	0.12	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.11	J	0.28	0.081	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.37		0.28	0.17	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.18	J	0.28	0.17	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	6.0		0.28	0.18	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-09 — Lab Sample ID: 460-134035-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.14	J B	0.26	0.084	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.13	J	0.26	0.13	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.11	J	0.26	0.11	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.47		0.26	0.16	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-10 — Lab Sample ID: 460-134035-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.11	J B	0.28	0.090	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.30		0.28	0.17	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-11 — Lab Sample ID: 460-134035-11

This Detection Summary does not include radiochemical test results.

Client Sample ID: FT-SD-11 (Continued) — Lab Sample ID: 460-134035-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.28	J B	0.34	0.11	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.20	J	0.34	0.17	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.1		0.34	0.21	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-SD-12 — Lab Sample ID: 460-134035-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	0.57	B	0.36	0.12	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.25	J	0.36	0.13	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.76		0.36	0.18	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.19	J	0.36	0.15	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.40		0.36	0.21	ug/Kg	1	☼	537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.2		0.36	0.22	ug/Kg	1	☼	537 (modified)	Total/NA

Client Sample ID: FT-WS-08 — Lab Sample ID: 460-134035-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	12	B	9.9	2.3	ng/L	5		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	15		2.0	0.78	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	26		2.0	0.79	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	130		2.0	0.74	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	15		2.0	0.65	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	1.0	J	2.0	0.44	ng/L	1		537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	0.82	J B	2.0	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	21		2.0	0.91	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	44		2.0	0.86	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	3.4		2.0	0.71	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	100		2.0	1.3	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FT-WS-10 — Lab Sample ID: 460-134035-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	17	J B	20	4.7	ng/L	10		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	14		2.0	0.80	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	23		2.0	0.82	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	110		2.0	0.76	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	6.3		2.0	0.66	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.78	J	2.0	0.45	ng/L	1		537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	0.62	J B	2.0	0.20	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	14		2.0	0.93	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	45		2.0	0.88	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	3.9		2.0	0.72	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	100		2.0	1.3	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FT-WS-13 — Lab Sample ID: 460-134035-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	8.0	B	1.8	0.42	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	6.5		1.8	0.72	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: FT-WS-13 (Continued) — Lab Sample ID: 460-134035-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	4.2		1.8	0.73	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	7.8		1.8	0.68	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	2.0		1.8	0.60	ng/L	1		537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	0.75	J B	1.8	0.18	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.6	J	1.8	0.84	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	9.7		1.8	0.80	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanesulfonic Acid (PFHpS)	0.88	J	1.8	0.65	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	33		1.8	1.2	ng/L	1		537 (modified)	Total/NA

Client Sample ID: FT-WS-14 — Lab Sample ID: 460-134035-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	9.7	B	1.9	0.43	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	4.2		1.9	0.73	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	3.5		1.9	0.75	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	5.7		1.9	0.70	ng/L	1		537 (modified)	Total/NA
Perfluorononanoic acid (PFNA)	1.2	J	1.9	0.61	ng/L	1		537 (modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.93	J	1.9	0.41	ng/L	1		537 (modified)	Total/NA
Perfluorotetradecanoic acid (PFTeA)	0.51	J B	1.9	0.19	ng/L	1		537 (modified)	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.3		1.9	0.85	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	4.9		1.9	0.81	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	48		1.9	1.2	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: FT-SD-01
Date Collected: 05/23/17 10:50
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-1
Matrix: Solid
Percent Solids: 67.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		26	8.3	ug/Kg	☼	05/25/17 19:28	05/27/17 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*78 - 135*	*05/25/17 19:28*	*05/27/17 11:35*	*1*
Toluene-d8 (Surr)	*101*		*73 - 121*	*05/25/17 19:28*	*05/27/17 11:35*	*1*
4-Bromofluorobenzene	*107*		*67 - 126*	*05/25/17 19:28*	*05/27/17 11:35*	*1*
Dibromofluoromethane (Surr)	*104*		*61 - 149*	*05/25/17 19:28*	*05/27/17 11:35*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.47**	**B**	0.30	0.096	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluoropentanoic acid (PFPeA)	ND		0.30	0.19	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorohexanoic acid (PFHxA)	ND		0.30	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluoroheptanoic acid (PFHpA)	ND		0.30	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorooctanoic acid (PFOA)	**0.42**		0.30	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorononanoic acid (PFNA)	**0.21**	**J**	0.30	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorodecanoic acid (PFDA)	**0.15**	**J**	0.30	0.084	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluoroundecanoic acid (PFUnA)	ND		0.30	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorododecanoic acid (PFDoA)	ND		0.30	0.18	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.30	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.30	0.086	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.30	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorohexanesulfonic acid (PFHxS)	**0.22**	**J**	0.30	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.30	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorooctanesulfonic acid (PFOS)	**3.3**		0.30	0.19	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.30	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.30	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 04:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*27*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
13C4 PFBA	*53*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
13C2 PFHxA	*52*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
13C4 PFOA	*95*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
13C5 PFNA	*83*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
13C2 PFDA	*86*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
13C2 PFUnA	*58*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
13C2 PFDoA	*19*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
18O2 PFHxS	*82*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
13C4 PFOS	*64*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
13C4-PFHpA	*97*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*
13C5 PFPeA	*82*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:33*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**32.2**		1.0	1.0	%			06/01/17 12:22	1
Percent Solids	**67.8**		1.0	1.0	%			06/01/17 12:22	1

Client Sample ID: FT-SD-02
Date Collected: 05/23/17 11:05
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-2
Matrix: Solid
Percent Solids: 73.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		19	6.1	ug/Kg	☼	05/25/17 19:29	05/27/17 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*78 - 135*	*05/25/17 19:29*	*05/27/17 11:59*	*1*
Toluene-d8 (Surr)	*94*		*73 - 121*	*05/25/17 19:29*	*05/27/17 11:59*	*1*
4-Bromofluorobenzene	*101*		*67 - 126*	*05/25/17 19:29*	*05/27/17 11:59*	*1*
Dibromofluoromethane (Surr)	*104*		*61 - 149*	*05/25/17 19:29*	*05/27/17 11:59*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.49**	**B**	0.27	0.088	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluoropentanoic acid (PFPeA)	ND		0.27	0.18	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorohexanoic acid (PFHxA)	**0.25**	**J**	0.27	0.096	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluoroheptanoic acid (PFHpA)	ND		0.27	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorooctanoic acid (PFOA)	**0.42**		0.27	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorononanoic acid (PFNA)	**0.11**	**J**	0.27	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorodecanoic acid (PFDA)	ND		0.27	0.077	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluoroundecanoic acid (PFUnA)	ND		0.27	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorododecanoic acid (PFDoA)	ND		0.27	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.27	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.27	0.078	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.27	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorohexanesulfonic acid (PFHxS)	**0.30**		0.27	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.27	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorooctanesulfonic acid (PFOS)	**4.0**		0.27	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.27	0.097	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.27	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 04:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*5*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
13C4 PFBA	*59*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
13C2 PFHxA	*89*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
13C4 PFOA	*99*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
13C5 PFNA	*99*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
13C2 PFDA	*72*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
13C2 PFUnA	*30*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
13C2 PFDoA	*8*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
18O2 PFHxS	*81*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
13C4 PFOS	*55*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
13C4-PFHpA	*91*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*
13C5 PFPeA	*79*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**26.3**		1.0	1.0	%			06/01/17 12:22	1
Percent Solids	**73.7**		1.0	1.0	%			06/01/17 12:22	1

Client Sample ID: FT-SD-03
Date Collected: 05/23/17 11:20
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-3
Matrix: Solid
Percent Solids: 79.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		20	6.3	ug/Kg	☼	05/25/17 19:30	05/27/17 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*78 - 135*	*05/25/17 19:30*	*05/27/17 12:24*	*1*
Toluene-d8 (Surr)	*98*		*73 - 121*	*05/25/17 19:30*	*05/27/17 12:24*	*1*
4-Bromofluorobenzene	*103*		*67 - 126*	*05/25/17 19:30*	*05/27/17 12:24*	*1*
Dibromofluoromethane (Surr)	*105*		*61 - 149*	*05/25/17 19:30*	*05/27/17 12:24*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.19**	**J B**	0.26	0.083	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluoropentanoic acid (PFPeA)	ND		0.26	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorohexanoic acid (PFHxA)	ND		0.26	0.091	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluoroheptanoic acid (PFHpA)	ND		0.26	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorooctanoic acid (PFOA)	ND		0.26	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorononanoic acid (PFNA)	ND		0.26	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorodecanoic acid (PFDA)	ND		0.26	0.073	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluoroundecanoic acid (PFUnA)	ND		0.26	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorododecanoic acid (PFDoA)	ND		0.26	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.26	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.26	0.074	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.26	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.26	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.26	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorooctanesulfonic acid (PFOS)	**0.64**		0.26	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.26	0.092	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.26	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 04:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*79*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
13C4 PFBA	*85*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
13C2 PFHxA	*118*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
13C4 PFOA	*120*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
13C5 PFNA	*124*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
13C2 PFDA	*127*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
13C2 PFUnA	*134*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
13C2 PFDoA	*101*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
18O2 PFHxS	*92*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
13C4 PFOS	*89*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
13C4-PFHpA	*111*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*
13C5 PFPeA	*114*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:48*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**21.0**		1.0	1.0	%			06/01/17 12:22	1
Percent Solids	**79.0**		1.0	1.0	%			06/01/17 12:22	1

Client Sample ID: FT-SD-04
Date Collected: 05/23/17 12:45
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-4
Matrix: Solid
Percent Solids: 55.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		30	9.7	ug/Kg	☼	05/25/17 19:31	05/27/17 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*78 - 135*	*05/25/17 19:31*	*05/27/17 12:49*	*1*
Toluene-d8 (Surr)	*97*		*73 - 121*	*05/25/17 19:31*	*05/27/17 12:49*	*1*
4-Bromofluorobenzene	*103*		*67 - 126*	*05/25/17 19:31*	*05/27/17 12:49*	*1*
Dibromofluoromethane (Surr)	*102*		*61 - 149*	*05/25/17 19:31*	*05/27/17 12:49*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**1.2**	**B**	0.36	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluoropentanoic acid (PFPeA)	ND		0.36	0.24	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorohexanoic acid (PFHxA)	**0.38**		0.36	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluoroheptanoic acid (PFHpA)	**0.19**	**J**	0.36	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorooctanoic acid (PFOA)	**0.88**		0.36	0.18	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorononanoic acid (PFNA)	**2.0**		0.36	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorodecanoic acid (PFDA)	**0.41**		0.36	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluoroundecanoic acid (PFUnA)	**0.23**	**J**	0.36	0.19	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorododecanoic acid (PFDoA)	ND		0.36	0.22	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.36	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.36	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.36	0.19	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorohexanesulfonic acid (PFHxS)	**0.75**		0.36	0.21	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.36	0.21	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorooctanesulfonic acid (PFOS)	**11**		0.36	0.23	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.36	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.36	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 04:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*3*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
13C4 PFBA	*57*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
13C2 PFHxA	*91*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
13C4 PFOA	*92*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
13C5 PFNA	*84*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
13C2 PFDA	*50*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
13C2 PFUnA	*19*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
13C2 PFDoA	*7*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
18O2 PFHxS	*79*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
13C4 PFOS	*44*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
13C4-PFHpA	*86*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*
13C5 PFPeA	*79*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**44.9**		1.0	1.0	%			06/01/17 12:22	1
Percent Solids	**55.1**		1.0	1.0	%			06/01/17 12:22	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Client Sample ID: FT-SD-05
Date Collected: 05/23/17 13:00
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-5
Matrix: Solid
Percent Solids: 46.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		38	12	ug/Kg	☼	05/25/17 19:32	05/27/17 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*78 - 135*	*05/25/17 19:32*	*05/27/17 13:13*	*1*
Toluene-d8 (Surr)	*95*		*73 - 121*	*05/25/17 19:32*	*05/27/17 13:13*	*1*
4-Bromofluorobenzene	*99*		*67 - 126*	*05/25/17 19:32*	*05/27/17 13:13*	*1*
Dibromofluoromethane (Surr)	*105*		*61 - 149*	*05/25/17 19:32*	*05/27/17 13:13*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.50**	**B**	0.43	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluoropentanoic acid (PFPeA)	ND		0.43	0.28	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorohexanoic acid (PFHxA)	ND		0.43	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluoroheptanoic acid (PFHpA)	ND		0.43	0.19	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorooctanoic acid (PFOA)	**0.69**		0.43	0.22	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorononanoic acid (PFNA)	**1.2**		0.43	0.18	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorodecanoic acid (PFDA)	**0.23**	**J**	0.43	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluoroundecanoic acid (PFUnA)	ND		0.43	0.23	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorododecanoic acid (PFDoA)	ND		0.43	0.26	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.43	0.20	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.43	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.43	0.22	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorohexanesulfonic acid (PFHxS)	**0.44**		0.43	0.25	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.43	0.25	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorooctanesulfonic acid (PFOS)	**4.8**		0.43	0.27	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.43	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.43	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:04	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*24*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
13C4 PFBA	*79*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
13C2 PFHxA	*104*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
13C4 PFOA	*103*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
13C5 PFNA	*97*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
13C2 PFDA	*82*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
13C2 PFUnA	*57*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
13C2 PFDoA	*40*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
18O2 PFHxS	*70*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
13C4 PFOS	*53*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
13C4-PFHpA	*95*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*
13C5 PFPeA	*102*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**53.8**		1.0	1.0	%			06/01/17 12:22	1
Percent Solids	**46.2**		1.0	1.0	%			06/01/17 12:22	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Client Sample ID: FT-SD-06
Date Collected: 05/23/17 13:15
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-6
Matrix: Solid
Percent Solids: 62.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		24	7.8	ug/Kg	☼	05/25/17 19:33	05/27/17 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*78 - 135*	*05/25/17 19:33*	*05/27/17 13:37*	*1*
Toluene-d8 (Surr)	*95*		*73 - 121*	*05/25/17 19:33*	*05/27/17 13:37*	*1*
4-Bromofluorobenzene	*102*		*67 - 126*	*05/25/17 19:33*	*05/27/17 13:37*	*1*
Dibromofluoromethane (Surr)	*103*		*61 - 149*	*05/25/17 19:33*	*05/27/17 13:37*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.33**	**B**	0.32	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluoropentanoic acid (PFPeA)	ND		0.32	0.21	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorohexanoic acid (PFHxA)	ND		0.32	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluoroheptanoic acid (PFHpA)	ND		0.32	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorooctanoic acid (PFOA)	**0.42**		0.32	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorononanoic acid (PFNA)	**0.40**		0.32	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorodecanoic acid (PFDA)	ND		0.32	0.092	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluoroundecanoic acid (PFUnA)	ND		0.32	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorododecanoic acid (PFDoA)	ND		0.32	0.19	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.32	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.32	0.093	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.32	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorohexanesulfonic acid (PFHxS)	**0.24**	**J**	0.32	0.19	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.32	0.19	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorooctanesulfonic acid (PFOS)	**1.9**		0.32	0.20	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.32	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.32	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 05:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*56*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
13C4 PFBA	*88*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
13C2 PFHxA	*109*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
13C4 PFOA	*113*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
13C5 PFNA	*119*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
13C2 PFDA	*115*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
13C2 PFUnA	*121*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
13C2 PFDoA	*86*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
18O2 PFHxS	*67*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
13C4 PFOS	*62*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
13C4-PFHpA	*102*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*
13C5 PFPeA	*109*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**37.7**		1.0	1.0	%			06/01/17 12:22	1
Percent Solids	**62.3**		1.0	1.0	%			06/01/17 12:22	1

Client Sample ID: FT-SD-07
Date Collected: 05/23/17 14:30
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-7
Matrix: Solid
Percent Solids: 36.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		70	22	ug/Kg	☼	05/25/17 19:34	05/27/17 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*78 - 135*	*05/25/17 19:34*	*05/27/17 14:00*	*1*
Toluene-d8 (Surr)	*116*	*	*73 - 121*	*05/25/17 19:34*	*05/27/17 14:00*	*1*
4-Bromofluorobenzene	*127*	*X	*67 - 126*	*05/25/17 19:34*	*05/27/17 14:00*	*1*
Dibromofluoromethane (Surr)	*113*		*61 - 149*	*05/25/17 19:34*	*05/27/17 14:00*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.96**	**B**	0.55	0.18	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluoropentanoic acid (PFPeA)	ND		0.55	0.36	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorohexanoic acid (PFHxA)	**0.39**	**J**	0.55	0.20	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluoroheptanoic acid (PFHpA)	ND		0.55	0.24	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorooctanoic acid (PFOA)	**1.4**		0.55	0.28	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorononanoic acid (PFNA)	**1.9**		0.55	0.23	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorodecanoic acid (PFDA)	**0.85**		0.55	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluoroundecanoic acid (PFUnA)	**0.48**	**J**	0.55	0.29	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorododecanoic acid (PFDoA)	ND		0.55	0.34	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.55	0.25	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorotetradecanoic acid (PFTeA)	**0.24**	**J**	0.55	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.55	0.29	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorohexanesulfonic acid (PFHxS)	**0.63**		0.55	0.33	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.40**	**J**	0.55	0.33	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorooctanesulfonic acid (PFOS)	**39**		0.55	0.35	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.55	0.20	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1
Perfluorooctane Sulfonamide (FOSA)	**0.30**	**J**	0.55	0.22	ug/Kg	☼	05/30/17 16:57	06/06/17 05:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*19*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
13C4 PFBA	*57*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
13C2 PFHxA	*87*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
13C4 PFOA	*81*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
13C5 PFNA	*79*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
13C2 PFDA	*83*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
13C2 PFUnA	*80*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
13C2 PFDoA	*56*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
18O2 PFHxS	*79*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
13C4 PFOS	*72*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
13C4-PFHpA	*78*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*
13C5 PFPeA	*77*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**63.7**		1.0	1.0	%			06/01/17 12:22	1
Percent Solids	**36.3**		1.0	1.0	%			06/01/17 12:22	1

Client Sample ID: FT-SD-08
Date Collected: 05/23/17 14:45
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-8
Matrix: Solid
Percent Solids: 70.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		21	6.6	ug/Kg	☼	05/25/17 19:35	05/27/17 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*78 - 135*	*05/25/17 19:35*	*05/27/17 14:23*	*1*
Toluene-d8 (Surr)	*99*		*73 - 121*	*05/25/17 19:35*	*05/27/17 14:23*	*1*
4-Bromofluorobenzene	*105*		*67 - 126*	*05/25/17 19:35*	*05/27/17 14:23*	*1*
Dibromofluoromethane (Surr)	*107*		*61 - 149*	*05/25/17 19:35*	*05/27/17 14:23*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.31**	**B**	0.28	0.092	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluoropentanoic acid (PFPeA)	ND		0.28	0.19	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorohexanoic acid (PFHxA)	**0.21**	**J**	0.28	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluoroheptanoic acid (PFHpA)	ND		0.28	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorooctanoic acid (PFOA)	**0.60**		0.28	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorononanoic acid (PFNA)	**0.43**		0.28	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorodecanoic acid (PFDA)	**0.11**	**J**	0.28	0.081	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluoroundecanoic acid (PFUnA)	ND		0.28	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorododecanoic acid (PFDoA)	ND		0.28	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.28	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.28	0.082	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.28	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorohexanesulfonic acid (PFHxS)	**0.37**		0.28	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.18**	**J**	0.28	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorooctanesulfonic acid (PFOS)	**6.0**		0.28	0.18	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.28	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.28	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 05:34	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*7*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
13C4 PFBA	*70*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
13C2 PFHxA	*100*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
13C4 PFOA	*95*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
13C5 PFNA	*72*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
13C2 PFDA	*39*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
13C2 PFUnA	*24*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
13C2 PFDoA	*16*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
18O2 PFHxS	*82*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
13C4 PFOS	*39*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
13C4-PFHpA	*94*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*
13C5 PFPeA	*101*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:34*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**29.2**		1.0	1.0	%			06/01/17 12:22	1
Percent Solids	**70.8**		1.0	1.0	%			06/01/17 12:22	1

Client Sample ID: FT-SD-09
Date Collected: 05/23/17 15:00
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-9
Matrix: Solid
Percent Solids: 76.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		19	6.0	ug/Kg	☼	05/25/17 19:36	05/27/17 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*78 - 135*	*05/25/17 19:36*	*05/27/17 14:47*	*1*
Toluene-d8 (Surr)	*92*		*73 - 121*	*05/25/17 19:36*	*05/27/17 14:47*	*1*
4-Bromofluorobenzene	*96*		*67 - 126*	*05/25/17 19:36*	*05/27/17 14:47*	*1*
Dibromofluoromethane (Surr)	*106*		*61 - 149*	*05/25/17 19:36*	*05/27/17 14:47*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.14**	**J B**	0.26	0.084	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluoropentanoic acid (PFPeA)	ND		0.26	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorohexanoic acid (PFHxA)	ND		0.26	0.092	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluoroheptanoic acid (PFHpA)	ND		0.26	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorooctanoic acid (PFOA)	**0.13**	**J**	0.26	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorononanoic acid (PFNA)	**0.11**	**J**	0.26	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorodecanoic acid (PFDA)	ND		0.26	0.074	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluoroundecanoic acid (PFUnA)	ND		0.26	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorododecanoic acid (PFDoA)	ND		0.26	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.26	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.26	0.075	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.26	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.26	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.26	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorooctanesulfonic acid (PFOS)	**0.47**		0.26	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.26	0.093	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.26	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 05:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*59*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
13C4 PFBA	*97*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
13C2 PFHxA	*111*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
13C4 PFOA	*121*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
13C5 PFNA	*120*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
13C2 PFDA	*119*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
13C2 PFUnA	*120*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
13C2 PFDoA	*82*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
18O2 PFHxS	*78*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
13C4 PFOS	*70*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
13C4-PFHpA	*111*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*
13C5 PFPeA	*115*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:42*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**23.3**		1.0	1.0	%			06/01/17 13:10	1
Percent Solids	**76.7**		1.0	1.0	%			06/01/17 13:10	1

Client Sample ID: FT-SD-10
Date Collected: 05/24/17 09:00
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-10
Matrix: Solid
Percent Solids: 72.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		21	6.6	ug/Kg	☼	05/25/17 19:37	05/27/17 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*78 - 135*	*05/25/17 19:37*	*05/27/17 15:10*	*1*
Toluene-d8 (Surr)	*99*		*73 - 121*	*05/25/17 19:37*	*05/27/17 15:10*	*1*
4-Bromofluorobenzene	*109*		*67 - 126*	*05/25/17 19:37*	*05/27/17 15:10*	*1*
Dibromofluoromethane (Surr)	*105*		*61 - 149*	*05/25/17 19:37*	*05/27/17 15:10*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.11**	**J B**	0.28	0.090	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluoropentanoic acid (PFPeA)	ND		0.28	0.18	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorohexanoic acid (PFHxA)	ND		0.28	0.098	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluoroheptanoic acid (PFHpA)	ND		0.28	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorooctanoic acid (PFOA)	ND		0.28	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorononanoic acid (PFNA)	ND		0.28	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorodecanoic acid (PFDA)	ND		0.28	0.079	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluoroundecanoic acid (PFUnA)	ND		0.28	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorododecanoic acid (PFDoA)	ND		0.28	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.28	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.28	0.080	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.28	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.28	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.28	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorooctanesulfonic acid (PFOS)	**0.30**		0.28	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.28	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.28	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 05:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*39*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
13C4 PFBA	*99*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
13C2 PFHxA	*109*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
13C4 PFOA	*114*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
13C5 PFNA	*101*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
13C2 PFDA	*70*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
13C2 PFUnA	*62*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
13C2 PFDoA	*51*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
18O2 PFHxS	*87*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
13C4 PFOS	*56*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
13C4-PFHpA	*112*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*
13C5 PFPeA	*120*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**28.0**		1.0	1.0	%			06/01/17 13:10	1
Percent Solids	**72.0**		1.0	1.0	%			06/01/17 13:10	1

Client Sample ID: FT-SD-11
Date Collected: 05/24/17 09:15
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-11
Matrix: Solid
Percent Solids: 60.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		26	8.4	ug/Kg	☼	05/25/17 19:38	05/27/17 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*78 - 135*	*05/25/17 19:38*	*05/27/17 15:33*	*1*
Toluene-d8 (Surr)	*97*		*73 - 121*	*05/25/17 19:38*	*05/27/17 15:33*	*1*
4-Bromofluorobenzene	*100*		*67 - 126*	*05/25/17 19:38*	*05/27/17 15:33*	*1*
Dibromofluoromethane (Surr)	*100*		*61 - 149*	*05/25/17 19:38*	*05/27/17 15:33*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.28**	**J B**	0.34	0.11	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluoropentanoic acid (PFPeA)	ND		0.34	0.22	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorohexanoic acid (PFHxA)	ND		0.34	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluoroheptanoic acid (PFHpA)	ND		0.34	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorooctanoic acid (PFOA)	**0.20**	**J**	0.34	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorononanoic acid (PFNA)	ND		0.34	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorodecanoic acid (PFDA)	ND		0.34	0.096	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluoroundecanoic acid (PFUnA)	ND		0.34	0.18	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorododecanoic acid (PFDoA)	ND		0.34	0.20	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.34	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.34	0.097	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.34	0.17	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.34	0.20	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.34	0.20	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorooctanesulfonic acid (PFOS)	**1.1**		0.34	0.21	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.34	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.34	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 05:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*18*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
13C4 PFBA	*92*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
13C2 PFHxA	*109*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
13C4 PFOA	*107*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
13C5 PFNA	*103*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
13C2 PFDA	*75*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
13C2 PFUnA	*42*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
13C2 PFDoA	*26*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
18O2 PFHxS	*78*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
13C4 PFOS	*52*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
13C4-PFHpA	*102*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*
13C5 PFPeA	*108*		*25 - 150*	*05/30/17 16:57*	*06/06/17 05:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**39.3**		1.0	1.0	%			06/01/17 13:10	1
Percent Solids	**60.7**		1.0	1.0	%			06/01/17 13:10	1

Client Sample ID: FT-SD-12
Date Collected: 05/24/17 09:30
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-12
Matrix: Solid
Percent Solids: 55.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND	*	29	9.4	ug/Kg	☼	05/25/17 19:39	05/29/17 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*78 - 135*	*05/25/17 19:39*	*05/29/17 11:43*	*1*
Toluene-d8 (Surr)	*97*		*73 - 121*	*05/25/17 19:39*	*05/29/17 11:43*	*1*
4-Bromofluorobenzene	*125*		*67 - 126*	*05/25/17 19:39*	*05/29/17 11:43*	*1*
Dibromofluoromethane (Surr)	*91*		*61 - 149*	*05/25/17 19:39*	*05/29/17 11:43*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**0.57**	**B**	0.36	0.12	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluoropentanoic acid (PFPeA)	ND		0.36	0.23	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorohexanoic acid (PFHxA)	**0.25**	**J**	0.36	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluoroheptanoic acid (PFHpA)	ND		0.36	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorooctanoic acid (PFOA)	**0.76**		0.36	0.18	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorononanoic acid (PFNA)	**0.19**	**J**	0.36	0.15	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorodecanoic acid (PFDA)	ND		0.36	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluoroundecanoic acid (PFUnA)	ND		0.36	0.19	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorododecanoic acid (PFDoA)	ND		0.36	0.22	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.36	0.16	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.36	0.10	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorobutanesulfonic acid (PFBS)	ND	F1	0.36	0.18	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorohexanesulfonic acid (PFHxS)	**0.40**		0.36	0.21	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND	F1	0.36	0.21	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorooctanesulfonic acid (PFOS)	**1.2**		0.36	0.22	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.36	0.13	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.36	0.14	ug/Kg	☼	05/30/17 16:57	06/06/17 06:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*7*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
13C4 PFBA	*64*		*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
13C2 PFHxA	*82*		*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
13C4 PFOA	*82*		*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
13C5 PFNA	*53*		*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
13C2 PFDA	*24*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
13C2 PFUnA	*14*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
13C2 PFDoA	*9*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
18O2 PFHxS	*70*		*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
13C4 PFOS	*21*	*	*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
13C4-PFHpA	*92*		*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*
13C5 PFPeA	*88*		*25 - 150*	*05/30/17 16:57*	*06/06/17 06:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**44.3**		1.0	1.0	%			06/01/17 13:10	1
Percent Solids	**55.7**		1.0	1.0	%			06/01/17 13:10	1

Client Sample ID: FT-WS-08

Lab Sample ID: 460-134035-13

Date Collected: 05/23/17 15:15

Matrix: Water

Date Received: 05/25/17 09:55

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			05/27/17 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*71 - 144*		*05/27/17 17:31*	*1*
4-Bromofluorobenzene	*100*		*72 - 133*		*05/27/17 17:31*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**12**	**B**	9.9	2.3	ng/L		05/30/17 18:04	06/04/17 18:15	5
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.98	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorohexanoic acid (PFHxA)	**15**		2.0	0.78	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluoroheptanoic acid (PFHpA)	**26**		2.0	0.79	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorooctanoic acid (PFOA)	**130**		2.0	0.74	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorononanoic acid (PFNA)	**15**		2.0	0.65	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorodecanoic acid (PFDA)	**1.0**	**J**	2.0	0.44	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.74	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.58	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.55	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorotetradecanoic acid (PFTeA)	**0.82**	**J B**	2.0	0.20	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorobutanesulfonic acid (PFBS)	**21**		2.0	0.91	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorohexanesulfonic acid (PFHxS)	**44**		2.0	0.86	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluoroheptanesulfonic Acid (PFHpS)	**3.4**		2.0	0.71	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorooctanesulfonic acid (PFOS)	**100**		2.0	1.3	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		05/30/17 18:04	06/02/17 06:37	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.0	0.63	ng/L		05/30/17 18:04	06/02/17 06:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*3*	*	*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*
13C4 PFBA	*24*	*	*25 - 150*	*05/30/17 18:04*	*06/04/17 18:15*	*5*
13C2 PFHxA	*48*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*
13C4 PFOA	*73*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*
13C5 PFNA	*80*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*
13C2 PFDA	*83*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*
13C2 PFUnA	*88*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*
13C2 PFDoA	*70*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*
18O2 PFHxS	*84*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*
13C4 PFOS	*93*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*
13C4-PFHpA	*63*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*
13C5 PFPeA	*28*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:37*	*1*

Client Sample ID: FT-WS-10

Lab Sample ID: 460-134035-14

Date Collected: 05/24/17 08:50

Matrix: Water

Date Received: 05/25/17 09:55

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			05/27/17 17:53	1

Client Sample ID: FT-WS-10

Date Collected: 05/24/17 08:50
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-14

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		71 - 144		05/27/17 17:53	1
4-Bromofluorobenzene	99		72 - 133		05/27/17 17:53	1

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**17**	**J B**	20	4.7	ng/L		05/30/17 18:04	06/04/17 17:59	10
Perfluoropentanoic acid (PFPeA)	ND		2.0	1.0	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorohexanoic acid (PFHxA)	**14**		2.0	0.80	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluoroheptanoic acid (PFHpA)	**23**		2.0	0.82	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorooctanoic acid (PFOA)	**110**		2.0	0.76	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorononanoic acid (PFNA)	**6.3**		2.0	0.66	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorodecanoic acid (PFDA)	**0.78**	**J**	2.0	0.45	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.76	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.59	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.56	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorotetradecanoic acid (PFTeA)	**0.62**	**J B**	2.0	0.20	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorobutanesulfonic acid (PFBS)	**14**		2.0	0.93	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorohexanesulfonic acid (PFHxS)	**45**		2.0	0.88	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluoroheptanesulfonic Acid (PFHpS)	**3.9**		2.0	0.72	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorooctanesulfonic acid (PFOS)	**100**		2.0	1.3	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		05/30/17 18:04	06/02/17 06:44	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.0	0.65	ng/L		05/30/17 18:04	06/02/17 06:44	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 FOSA	8	*	25 - 150	05/30/17 18:04	06/02/17 06:44	1
13C4 PFBA	44		25 - 150	05/30/17 18:04	06/04/17 17:59	10
13C2 PFHxA	50		25 - 150	05/30/17 18:04	06/02/17 06:44	1
13C4 PFOA	71		25 - 150	05/30/17 18:04	06/02/17 06:44	1
13C5 PFNA	74		25 - 150	05/30/17 18:04	06/02/17 06:44	1
13C2 PFDA	76		25 - 150	05/30/17 18:04	06/02/17 06:44	1
13C2 PFUnA	79		25 - 150	05/30/17 18:04	06/02/17 06:44	1
13C2 PFDoA	66		25 - 150	05/30/17 18:04	06/02/17 06:44	1
18O2 PFHxS	80		25 - 150	05/30/17 18:04	06/02/17 06:44	1
13C4 PFOS	86		25 - 150	05/30/17 18:04	06/02/17 06:44	1
13C4-PFHpA	61		25 - 150	05/30/17 18:04	06/02/17 06:44	1
13C5 PFPeA	28		25 - 150	05/30/17 18:04	06/02/17 06:44	1

Client Sample ID: FT-WS-13

Date Collected: 05/24/17 10:00
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-15

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			05/27/17 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		71 - 144		05/27/17 18:16	1
4-Bromofluorobenzene	96		72 - 133		05/27/17 18:16	1

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**8.0**	**B**	1.8	0.42	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluoropentanoic acid (PFPeA)	ND		1.8	0.91	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorohexanoic acid (PFHxA)	**6.5**		1.8	0.72	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluoroheptanoic acid (PFHpA)	**4.2**		1.8	0.73	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorooctanoic acid (PFOA)	**7.8**		1.8	0.68	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorononanoic acid (PFNA)	**2.0**		1.8	0.60	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorodecanoic acid (PFDA)	ND		1.8	0.40	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.68	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.53	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.8	0.50	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorotetradecanoic acid (PFTeA)	**0.75**	**J B**	1.8	0.18	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorobutanesulfonic acid (PFBS)	**1.6**	**J**	1.8	0.84	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorohexanesulfonic acid (PFHxS)	**9.7**		1.8	0.80	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.88**	**J**	1.8	0.65	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorooctanesulfonic acid (PFOS)	**33**		1.8	1.2	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	1.1	ng/L		05/30/17 18:04	06/02/17 06:52	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.8	0.58	ng/L		05/30/17 18:04	06/02/17 06:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*3*	*	*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
13C4 PFBA	*20*	*	*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
13C2 PFHxA	*65*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
13C4 PFOA	*99*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
13C5 PFNA	*101*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
13C2 PFDA	*103*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
13C2 PFUnA	*96*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
13C2 PFDoA	*84*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
18O2 PFHxS	*92*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
13C4 PFOS	*102*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
13C4-PFHpA	*85*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*
13C5 PFPeA	*52*		*25 - 150*	*05/30/17 18:04*	*06/02/17 06:52*	*1*

Client Sample ID: FT-WS-14

Date Collected: 05/24/17 10:15
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-16

Matrix: Water

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			05/27/17 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 144*		*05/27/17 18:39*	*1*
4-Bromofluorobenzene	*103*		*72 - 133*		*05/27/17 18:39*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**9.7**	**B**	1.9	0.43	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluoropentanoic acid (PFPeA)	ND		1.9	0.92	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorohexanoic acid (PFHxA)	**4.2**		1.9	0.73	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluoroheptanoic acid (PFHpA)	**3.5**		1.9	0.75	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorooctanoic acid (PFOA)	**5.7**		1.9	0.70	ng/L		05/30/17 18:04	06/02/17 07:00	1

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Client Sample ID: FT-WS-14
Date Collected: 05/24/17 10:15
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-16
Matrix: Water

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid (PFNA)	**1.2**	**J**	1.9	0.61	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorodecanoic acid (PFDA)	**0.93**	**J**	1.9	0.41	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.70	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.54	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.9	0.51	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorotetradecanoic acid (PFTeA)	**0.51**	**J B**	1.9	0.19	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorobutanesulfonic acid (PFBS)	**2.3**		1.9	0.85	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorohexanesulfonic acid (PFHxS)	**4.9**		1.9	0.81	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.66	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorooctanesulfonic acid (PFOS)	**48**		1.9	1.2	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	1.1	ng/L		05/30/17 18:04	06/02/17 07:00	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.9	0.59	ng/L		05/30/17 18:04	06/02/17 07:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*3*	*	*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
13C4 PFBA	*14*	*	*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
13C2 PFHxA	*47*		*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
13C4 PFOA	*66*		*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
13C5 PFNA	*62*		*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
13C2 PFDA	*64*		*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
13C2 PFUnA	*59*		*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
13C2 PFDoA	*45*		*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
18O2 PFHxS	*65*		*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
13C4 PFOS	*63*		*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
13C4-PFHpA	*62*		*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*
13C5 PFPeA	*39*		*25 - 150*	*05/30/17 18:04*	*06/02/17 07:00*	*1*

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	12DCE (78-135)	TOL (73-121)	BFB (67-126)	DBFM (61-149)
460-134035-1	FT-SD-01	101	101	107	104
460-134035-2	FT-SD-02	98	94	101	104
460-134035-3	FT-SD-03	99	98	103	105
460-134035-4	FT-SD-04	103	97	103	102
460-134035-5	FT-SD-05	107	95	99	105
460-134035-6	FT-SD-06	105	95	102	103
460-134035-7	FT-SD-07	110	116 *	127 * X	113
460-134035-8	FT-SD-08	110	99	105	107
460-134035-9	FT-SD-09	103	92	96	106
460-134035-10	FT-SD-10	104	99	109	105
460-134035-11	FT-SD-11	90	97	100	100
460-134035-12	FT-SD-12	87	97	125	91
LCS 460-439738/3	Lab Control Sample	94	100	103	99
LCS 460-439934/3	Lab Control Sample	85	95	109	88
LCSD 460-439738/4	Lab Control Sample Dup	89	102	102	102
LCSD 460-439934/4	Lab Control Sample Dup	81	89	101	87
MB 460-439738/7	Method Blank	91	97	95	96
MB 460-439934/6	Method Blank	85	88	109	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	12DCE (71-144)	BFB (72-133)
460-134035-13	FT-WS-08	86	100
460-134035-14	FT-WS-10	80	99
460-134035-15	FT-WS-13	88	96
460-134035-16	FT-WS-14	101	103
LCS 460-439752/3	Lab Control Sample	85	100
LCSD 460-439752/4	Lab Control Sample Dup	104	103
MB 460-439752/7	Method Blank	86	105

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene

Isotope Dilution Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Method: 537 (modified) - Perfluorinated Hydrocarbons

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	3C8 FOSA (25-150)	3C4 PFBA (25-150)	3C2 PFHxA (25-150)	3C4 PFOA (25-150)	3C5 PFNA (25-150)	3C2 PFDA (25-150)	3C2 PFUnA (25-150)	3C2 PFDoA (25-150)
460-134035-1	FT-SD-01	27	53	52	95	83	86	58	19 *
460-134035-2	FT-SD-02	5 *	59	89	99	99	72	30	8 *
460-134035-3	FT-SD-03	79	85	118	120	124	127	134	101
460-134035-4	FT-SD-04	3 *	57	91	92	84	50	19 *	7 *
460-134035-5	FT-SD-05	24 *	79	104	103	97	82	57	40
460-134035-6	FT-SD-06	56	88	109	113	119	115	121	86
460-134035-7	FT-SD-07	19 *	57	87	81	79	83	80	56
460-134035-8	FT-SD-08	7 *	70	100	95	72	39	24 *	16 *
460-134035-9	FT-SD-09	59	97	111	121	120	119	120	82
460-134035-10	FT-SD-10	39	99	109	114	101	70	62	51
460-134035-11	FT-SD-11	18 *	92	109	107	103	75	42	26
460-134035-12	FT-SD-12	7 *	64	82	82	53	24 *	14 *	9 *
460-134035-12 MS	FT-SD-12	13 *	73	98	90	62	33	25	19 *
460-134035-12 MSD	FT-SD-12	7 *	68	90	83	59	30	20 *	15 *
LCS 320-166697/2-A	Lab Control Sample	41	111	111	115	109	112	113	82
MB 320-166697/1-A	Method Blank	47	112	108	116	109	110	109	77

		Percent Isotope Dilution Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	18O2 PFHxS (25-150)	13C4 PFOS (25-150)	13C4-PFHpA (25-150)	13C5 PFPeA (25-150)
460-134035-1	FT-SD-01	82	64	97	82
460-134035-2	FT-SD-02	81	55	91	79
460-134035-3	FT-SD-03	92	89	111	114
460-134035-4	FT-SD-04	79	44	86	79
460-134035-5	FT-SD-05	70	53	95	102
460-134035-6	FT-SD-06	67	62	102	109
460-134035-7	FT-SD-07	79	72	78	77
460-134035-8	FT-SD-08	82	39	94	101
460-134035-9	FT-SD-09	78	70	111	115
460-134035-10	FT-SD-10	87	56	112	120
460-134035-11	FT-SD-11	78	52	102	108
460-134035-12	FT-SD-12	70	21 *	92	88
460-134035-12 MS	FT-SD-12	71	24 *	95	97
460-134035-12 MSD	FT-SD-12	69	23 *	91	91
LCS 320-166697/2-A	Lab Control Sample	97	89	126	110
MB 320-166697/1-A	Method Blank	100	88	128	112

Surrogate Legend

13C8 FOSA = 13C8 FOSA
13C4 PFBA = 13C4 PFBA
13C2 PFHxA = 13C2 PFHxA
13C4 PFOA = 13C4 PFOA
13C5 PFNA = 13C5 PFNA
13C2 PFDA = 13C2 PFDA
13C2 PFUnA = 13C2 PFUnA
13C2 PFDoA = 13C2 PFDoA
18O2 PFHxS = 18O2 PFHxS
13C4 PFOS = 13C4 PFOS
13C4-PFHpA = 13C4-PFHpA
13C5 PFPeA = 13C5 PFPeA

Isotope Dilution Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Method: 537 (modified) - Perfluorinated Hydrocarbons

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	3C8 FOSA (25-150)	3C4 PFBA (25-150)	3C2 PFHxA (25-150)	3C4 PFOA (25-150)	3C5 PFNA (25-150)	3C2 PFDA (25-150)	3C2 PFUnA (25-150)	3C2 PFDoA (25-150)
460-134035-13	FT-WS-08	3 *		48	73	80	83	88	70
460-134035-13	FT-WS-08		24 *						
460-134035-14	FT-WS-10	8 *		50	71	74	76	79	66
460-134035-14	FT-WS-10		44						
460-134035-15	FT-WS-13	3 *	20 *	65	99	101	103	96	84
460-134035-16	FT-WS-14	3 *	14 *	47	66	62	64	59	45
LCS 320-166705/2-A	Lab Control Sample	26	115	112	122	119	130	136	117
LCSD 320-166705/3-A	Lab Control Sample Dup	27	109	103	118	116	128	133	116
MB 320-166705/1-A	Method Blank	22 *	119	114	129	126	133	144	122

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	18O2 PFHxS (25-150)	13C4 PFOS (25-150)	13C4-PFHpA (25-150)	13C5 PFPeA (25-150)				
460-134035-13	FT-WS-08	84	93	63	28				
460-134035-13	FT-WS-08								
460-134035-14	FT-WS-10	80	86	61	28				
460-134035-14	FT-WS-10								
460-134035-15	FT-WS-13	92	102	85	52				
460-134035-16	FT-WS-14	65	63	62	39				
LCS 320-166705/2-A	Lab Control Sample	104	108	115	112				
LCSD 320-166705/3-A	Lab Control Sample Dup	103	110	109	106				
MB 320-166705/1-A	Method Blank	111	111	120	114				

Surrogate Legend

13C8 FOSA = 13C8 FOSA
13C4 PFBA = 13C4 PFBA
13C2 PFHxA = 13C2 PFHxA
13C4 PFOA = 13C4 PFOA
13C5 PFNA = 13C5 PFNA
13C2 PFDA = 13C2 PFDA
13C2 PFUnA = 13C2 PFUnA
13C2 PFDoA = 13C2 PFDoA
18O2 PFHxS = 18O2 PFHxS
13C4 PFOS = 13C4 PFOS
13C4-PFHpA = 13C4-PFHpA
13C5 PFPeA = 13C5 PFPeA

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-439738/7
Matrix: Solid
Analysis Batch: 439738

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		20	6.4	ug/Kg			05/27/17 11:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*78 - 135*		*05/27/17 11:01*	*1*
Toluene-d8 (Surr)	*97*		*73 - 121*		*05/27/17 11:01*	*1*
4-Bromofluorobenzene	*95*		*67 - 126*		*05/27/17 11:01*	*1*
Dibromofluoromethane (Surr)	*96*		*61 - 149*		*05/27/17 11:01*	*1*

Lab Sample ID: LCS 460-439738/3
Matrix: Solid
Analysis Batch: 439738

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			400	477		ug/Kg		119	67 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*78 - 135*
Toluene-d8 (Surr)	*100*		*73 - 121*
4-Bromofluorobenzene	*103*		*67 - 126*
Dibromofluoromethane (Surr)	*99*		*61 - 149*

Lab Sample ID: LCSD 460-439738/4
Matrix: Solid
Analysis Batch: 439738

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			400	443		ug/Kg		111	67 - 150	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*78 - 135*
Toluene-d8 (Surr)	*102*		*73 - 121*
4-Bromofluorobenzene	*102*		*67 - 126*
Dibromofluoromethane (Surr)	*102*		*61 - 149*

Lab Sample ID: MB 460-439934/6
Matrix: Solid
Analysis Batch: 439934

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		20	6.4	ug/Kg			05/29/17 07:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*78 - 135*		*05/29/17 07:13*	*1*
Toluene-d8 (Surr)	*88*		*73 - 121*		*05/29/17 07:13*	*1*
4-Bromofluorobenzene	*109*		*67 - 126*		*05/29/17 07:13*	*1*
Dibromofluoromethane (Surr)	*95*		*61 - 149*		*05/29/17 07:13*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-439934/3
Matrix: Solid
Analysis Batch: 439934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			400	338		ug/Kg		85	67 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*78 - 135*
Toluene-d8 (Surr)	*95*		*73 - 121*
4-Bromofluorobenzene	*109*		*67 - 126*
Dibromofluoromethane (Surr)	*88*		*61 - 149*

Lab Sample ID: LCSD 460-439934/4
Matrix: Solid
Analysis Batch: 439934

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			400	511	*	ug/Kg		128	67 - 150	41	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*78 - 135*
Toluene-d8 (Surr)	*89*		*73 - 121*
4-Bromofluorobenzene	*101*		*67 - 126*
Dibromofluoromethane (Surr)	*87*		*61 - 149*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-439752/7
Matrix: Water
Analysis Batch: 439752

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.40	0.20	ug/L			05/27/17 10:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*71 - 144*		*05/27/17 10:42*	*1*
4-Bromofluorobenzene	*105*		*72 - 133*		*05/27/17 10:42*	*1*

Lab Sample ID: LCS 460-439752/3
Matrix: Water
Analysis Batch: 439752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,4-Dioxane			5.00	4.77		ug/L		95	66 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*71 - 144*
4-Bromofluorobenzene	*100*		*72 - 133*

Method: 8260C SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-439752/4
Matrix: Water
Analysis Batch: 439752

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dioxane			5.00	4.88		ug/L		98	66 - 135	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*71 - 144*
4-Bromofluorobenzene	*103*		*72 - 133*

Method: 537 (modified) - Perfluorinated Hydrocarbons

Lab Sample ID: MB 320-166697/1-A
Matrix: Solid
Analysis Batch: 167590

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 166697

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.0662	J	0.20	0.065	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluoropentanoic acid (PFPeA)	ND		0.20	0.13	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorohexanoic acid (PFHxA)	ND		0.20	0.071	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluoroheptanoic acid (PFHpA)	ND		0.20	0.088	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorooctanoic acid (PFOA)	ND		0.20	0.10	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorononanoic acid (PFNA)	ND		0.20	0.083	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorodecanoic acid (PFDA)	ND		0.20	0.057	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluoroundecanoic acid (PFUnA)	ND		0.20	0.11	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorododecanoic acid (PFDoA)	ND		0.20	0.12	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorotridecanoic Acid (PFTriA)	ND		0.20	0.092	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorotetradecanoic acid (PFTeA)	ND		0.20	0.058	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorobutanesulfonic acid (PFBS)	ND		0.20	0.10	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorohexanesulfonic acid (PFHxS)	ND		0.20	0.12	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		0.20	0.12	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorooctanesulfonic acid (PFOS)	ND		0.20	0.13	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorodecanesulfonic acid (PFDS)	ND		0.20	0.072	ug/Kg		05/30/17 16:57	06/06/17 04:02	1
Perfluorooctane Sulfonamide (FOSA)	ND		0.20	0.080	ug/Kg		05/30/17 16:57	06/06/17 04:02	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*47*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
13C4 PFBA	*112*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
13C2 PFHxA	*108*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
13C4 PFOA	*116*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
13C5 PFNA	*109*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
13C2 PFDA	*110*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
13C2 PFUnA	*109*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
13C2 PFDoA	*77*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
18O2 PFHxS	*100*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
13C4 PFOS	*88*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
13C4-PFHpA	*128*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*
13C5 PFPeA	*112*		*25 - 150*	*05/30/17 16:57*	*06/06/17 04:02*	*1*

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Lab Sample ID: LCS 320-166697/2-A
Matrix: Solid
Analysis Batch: 167590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 166697

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	4.00	4.68		ug/Kg		117	23 - 191
Perfluoropentanoic acid (PFPeA)	4.00	4.03		ug/Kg		101	57 - 154
Perfluorohexanoic acid (PFHxA)	4.00	3.87		ug/Kg		97	62 - 152
Perfluoroheptanoic acid (PFHpA)	4.00	4.11		ug/Kg		103	69 - 148
Perfluorooctanoic acid (PFOA)	4.00	4.11		ug/Kg		103	54 - 144
Perfluorononanoic acid (PFNA)	4.00	4.16		ug/Kg		104	75 - 134
Perfluorodecanoic acid (PFDA)	4.00	4.16		ug/Kg		104	69 - 145
Perfluoroundecanoic acid (PFUnA)	4.00	3.88		ug/Kg		97	66 - 156
Perfluorododecanoic acid (PFDoA)	4.00	4.18		ug/Kg		104	62 - 152
Perfluorotridecanoic Acid (PFTriA)	4.00	2.32		ug/Kg		58	56 - 138
Perfluorotetradecanoic acid (PFTeA)	4.00	1.96		ug/Kg		49	38 - 143
Perfluorobutanesulfonic acid (PFBS)	3.54	4.09		ug/Kg		116	69 - 139
Perfluorohexanesulfonic acid (PFHxS)	3.64	3.75		ug/Kg		103	53 - 157
Perfluoroheptanesulfonic Acid (PFHpS)	3.81	4.79		ug/Kg		126	61 - 156
Perfluorooctanesulfonic acid (PFOS)	3.71	3.99		ug/Kg		107	47 - 154
Perfluorodecanesulfonic acid (PFDS)	3.86	3.15		ug/Kg		82	41 - 122
Perfluorooctane Sulfonamide (FOSA)	4.00	4.06		ug/Kg		102	65 - 144

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C8 FOSA	*41*		*25 - 150*
13C4 PFBA	*111*		*25 - 150*
13C2 PFHxA	*111*		*25 - 150*
13C4 PFOA	*115*		*25 - 150*
13C5 PFNA	*109*		*25 - 150*
13C2 PFDA	*112*		*25 - 150*
13C2 PFUnA	*113*		*25 - 150*
13C2 PFDoA	*82*		*25 - 150*
18O2 PFHxS	*97*		*25 - 150*
13C4 PFOS	*89*		*25 - 150*
13C4-PFHpA	*126*		*25 - 150*
13C5 PFPeA	*110*		*25 - 150*

Lab Sample ID: 460-134035-12 MS
Matrix: Solid
Analysis Batch: 167590

Client Sample ID: FT-SD-12
Prep Type: Total/NA
Prep Batch: 166697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	0.57	B	7.08	8.56		ug/Kg	☼	113	23 - 191
Perfluoropentanoic acid (PFPeA)	ND		7.08	6.82		ug/Kg	☼	96	57 - 154
Perfluorohexanoic acid (PFHxA)	0.25	J	7.08	7.40		ug/Kg	☼	101	62 - 152
Perfluoroheptanoic acid (PFHpA)	ND		7.08	7.48		ug/Kg	☼	106	69 - 148

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Lab Sample ID: 460-134035-12 MS
Matrix: Solid
Analysis Batch: 167590

Client Sample ID: FT-SD-12
Prep Type: Total/NA
Prep Batch: 166697

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorooctanoic acid (PFOA)	0.76		7.08	7.63		ug/Kg	☼	97	54 - 144
Perfluorononanoic acid (PFNA)	0.19	J	7.08	7.40		ug/Kg	☼	102	75 - 134
Perfluorodecanoic acid (PFDA)	ND		7.08	7.44		ug/Kg	☼	105	69 - 145
Perfluoroundecanoic acid (PFUnA)	ND		7.08	7.00		ug/Kg	☼	99	66 - 156
Perfluorododecanoic acid (PFDoA)	ND		7.08	7.43		ug/Kg	☼	105	62 - 152
Perfluorotridecanoic Acid (PFTriA)	ND		7.08	6.47		ug/Kg	☼	91	56 - 138
Perfluorotetradecanoic acid (PFTeA)	ND		7.08	7.81		ug/Kg	☼	110	38 - 143
Perfluorobutanesulfonic acid (PFBS)	ND	F1	6.26	8.67		ug/Kg	☼	138	69 - 139
Perfluorohexanesulfonic acid (PFHxS)	0.40		6.45	6.63		ug/Kg	☼	97	53 - 157
Perfluoroheptanesulfonic Acid (PFHpS)	ND	F1	6.74	15.1	F1	ug/Kg	☼	225	61 - 156
Perfluorooctanesulfonic acid (PFOS)	1.2		6.57	8.45		ug/Kg	☼	110	47 - 154
Perfluorodecanesulfonic acid (PFDS)	ND		6.83	4.00		ug/Kg	☼	59	41 - 122
Perfluorooctane Sulfonamide (FOSA)	ND		7.08	7.43		ug/Kg	☼	105	65 - 144

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C8 FOSA	*13*	*	*25 - 150*
13C4 PFBA	*73*		*25 - 150*
13C2 PFHxA	*98*		*25 - 150*
13C4 PFOA	*90*		*25 - 150*
13C5 PFNA	*62*		*25 - 150*
13C2 PFDA	*33*		*25 - 150*
13C2 PFUnA	*25*		*25 - 150*
13C2 PFDoA	*19*	*	*25 - 150*
18O2 PFHxS	*71*		*25 - 150*
13C4 PFOS	*24*	*	*25 - 150*
13C4-PFHpA	*95*		*25 - 150*
13C5 PFPeA	*97*		*25 - 150*

Lab Sample ID: 460-134035-12 MSD
Matrix: Solid
Analysis Batch: 167590

Client Sample ID: FT-SD-12
Prep Type: Total/NA
Prep Batch: 166697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.57	B	7.18	8.91		ug/Kg	☼	116	23 - 191	4	30
Perfluoropentanoic acid (PFPeA)	ND		7.18	6.76		ug/Kg	☼	94	57 - 154	1	30
Perfluorohexanoic acid (PFHxA)	0.25	J	7.18	7.68		ug/Kg	☼	103	62 - 152	4	30
Perfluoroheptanoic acid (PFHpA)	ND		7.18	7.53		ug/Kg	☼	105	69 - 148	1	30
Perfluorooctanoic acid (PFOA)	0.76		7.18	7.96		ug/Kg	☼	100	54 - 144	4	30
Perfluorononanoic acid (PFNA)	0.19	J	7.18	7.32		ug/Kg	☼	99	75 - 134	1	30
Perfluorodecanoic acid (PFDA)	ND		7.18	7.76		ug/Kg	☼	108	69 - 145	4	30

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Lab Sample ID: 460-134035-12 MSD
Matrix: Solid
Analysis Batch: 167590

Client Sample ID: FT-SD-12
Prep Type: Total/NA
Prep Batch: 166697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluoroundecanoic acid (PFUnA)	ND		7.18	6.81		ug/Kg	☼	95	66 - 156	3	30
Perfluorododecanoic acid (PFDoA)	ND		7.18	7.67		ug/Kg	☼	107	62 - 152	3	30
Perfluorotridecanoic Acid (PFTriA)	ND		7.18	6.52		ug/Kg	☼	91	56 - 138	1	30
Perfluorotetradecanoic acid (PFTeA)	ND		7.18	7.85		ug/Kg	☼	109	38 - 143	0	30
Perfluorobutanesulfonic acid (PFBS)	ND	F1	6.35	9.00	F1	ug/Kg	☼	142	69 - 139	4	30
Perfluorohexanesulfonic acid (PFHxS)	0.40		6.54	7.09		ug/Kg	☼	102	53 - 157	7	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	F1	6.84	16.5	F1	ug/Kg	☼	241	61 - 156	8	30
Perfluorooctanesulfonic acid (PFOS)	1.2		6.66	8.86		ug/Kg	☼	114	47 - 154	5	30
Perfluorodecanesulfonic acid (PFDS)	ND		6.92	3.38		ug/Kg	☼	49	41 - 122	17	30
Perfluorooctane Sulfonamide (FOSA)	ND		7.18	7.36		ug/Kg	☼	102	65 - 144	1	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C8 FOSA	*7*	*	*25 - 150*
13C4 PFBA	*68*		*25 - 150*
13C2 PFHxA	*90*		*25 - 150*
13C4 PFOA	*83*		*25 - 150*
13C5 PFNA	*59*		*25 - 150*
13C2 PFDA	*30*		*25 - 150*
13C2 PFUnA	*20*	*	*25 - 150*
13C2 PFDoA	*15*	*	*25 - 150*
18O2 PFHxS	*69*		*25 - 150*
13C4 PFOS	*23*	*	*25 - 150*
13C4-PFHpA	*91*		*25 - 150*
13C5 PFPeA	*91*		*25 - 150*

Lab Sample ID: MB 320-166705/1-A
Matrix: Water
Analysis Batch: 167378

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 166705

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	1.17	J	2.0	0.46	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.99	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.79	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.80	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.75	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.65	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.44	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.75	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.58	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorotridecanoic Acid (PFTriA)	ND		2.0	0.55	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorotetradecanoic acid (PFTeA)	0.421	J	2.0	0.20	ng/L		05/30/17 18:04	06/04/17 17:28	1

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Lab Sample ID: MB 320-166705/1-A
Matrix: Water
Analysis Batch: 167378

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 166705

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.92	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.87	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.71	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	1.3	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	1.2	ng/L		05/30/17 18:04	06/04/17 17:28	1
Perfluorooctane Sulfonamide (FOSA)	ND		2.0	0.64	ng/L		05/30/17 18:04	06/04/17 17:28	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 FOSA	*22*	*	*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
13C4 PFBA	*119*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
13C2 PFHxA	*114*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
13C4 PFOA	*129*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
13C5 PFNA	*126*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
13C2 PFDA	*133*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
13C2 PFUnA	*144*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
13C2 PFDoA	*122*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
18O2 PFHxS	*111*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
13C4 PFOS	*111*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
13C4-PFHpA	*120*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*
13C5 PFPeA	*114*		*25 - 150*	*05/30/17 18:04*	*06/04/17 17:28*	*1*

Lab Sample ID: LCS 320-166705/2-A
Matrix: Water
Analysis Batch: 167378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 166705

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid (PFBA)	40.0	45.3		ng/L		113	74 - 138
Perfluoropentanoic acid (PFPeA)	40.0	39.1		ng/L		98	69 - 134
Perfluorohexanoic acid (PFHxA)	40.0	40.1		ng/L		100	70 - 136
Perfluoroheptanoic acid (PFHpA)	40.0	39.6		ng/L		99	63 - 135
Perfluorooctanoic acid (PFOA)	40.0	40.1		ng/L		100	63 - 141
Perfluorononanoic acid (PFNA)	40.0	40.9		ng/L		102	71 - 140
Perfluorodecanoic acid (PFDA)	40.0	41.8		ng/L		104	66 - 141
Perfluoroundecanoic acid (PFUnA)	40.0	39.6		ng/L		99	68 - 139
Perfluorododecanoic acid (PFDoA)	40.0	40.1		ng/L		100	71 - 139
Perfluorotridecanoic Acid (PFTriA)	40.0	45.4		ng/L		113	51 - 139
Perfluorotetradecanoic acid (PFTeA)	40.0	50.8		ng/L		127	47 - 130
Perfluorobutanesulfonic acid (PFBS)	35.4	40.8		ng/L		115	55 - 147
Perfluorohexanesulfonic acid (PFHxS)	36.4	38.1		ng/L		105	58 - 138
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	46.4		ng/L		122	32 - 170
Perfluorooctanesulfonic acid (PFOS)	37.1	39.1		ng/L		105	47 - 162

Method: 537 (modified) - Perfluorinated Hydrocarbons (Continued)

Lab Sample ID: LCS 320-166705/2-A
Matrix: Water
Analysis Batch: 167378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 166705

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perfluorodecanesulfonic acid (PFDS)			38.6	37.4		ng/L		97	35 - 157		
Perfluorooctane Sulfonamide (FOSA)			40.0	39.3		ng/L		98	59 - 163		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C8 FOSA	*26*		*25 - 150*
13C4 PFBA	*115*		*25 - 150*
13C2 PFHxA	*112*		*25 - 150*
13C4 PFOA	*122*		*25 - 150*
13C5 PFNA	*119*		*25 - 150*
13C2 PFDA	*130*		*25 - 150*
13C2 PFUnA	*136*		*25 - 150*
13C2 PFDoA	*117*		*25 - 150*
18O2 PFHxS	*104*		*25 - 150*
13C4 PFOS	*108*		*25 - 150*
13C4-PFHpA	*115*		*25 - 150*
13C5 PFPeA	*112*		*25 - 150*

Lab Sample ID: LCSD 320-166705/3-A
Matrix: Water
Analysis Batch: 167378

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 166705

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			40.0	47.9		ng/L		120	74 - 138	6	30
Perfluoropentanoic acid (PFPeA)			40.0	40.5		ng/L		101	69 - 134	4	30
Perfluorohexanoic acid (PFHxA)			40.0	42.5		ng/L		106	70 - 136	6	30
Perfluoroheptanoic acid (PFHpA)			40.0	40.5		ng/L		101	63 - 135	2	30
Perfluorooctanoic acid (PFOA)			40.0	40.2		ng/L		101	63 - 141	0	30
Perfluorononanoic acid (PFNA)			40.0	41.8		ng/L		104	71 - 140	2	30
Perfluorodecanoic acid (PFDA)			40.0	40.7		ng/L		102	66 - 141	3	30
Perfluoroundecanoic acid (PFUnA)			40.0	40.6		ng/L		102	68 - 139	3	30
Perfluorododecanoic acid (PFDoA)			40.0	41.6		ng/L		104	71 - 139	4	30
Perfluorotridecanoic Acid (PFTriA)			40.0	44.6		ng/L		112	51 - 139	2	30
Perfluorotetradecanoic acid (PFTeA)			40.0	52.1		ng/L		130	47 - 130	3	30
Perfluorobutanesulfonic acid (PFBS)			35.4	40.2		ng/L		114	55 - 147	2	30
Perfluorohexanesulfonic acid (PFHxS)			36.4	36.6		ng/L		101	58 - 138	4	30
Perfluoroheptanesulfonic Acid (PFHpS)			38.1	45.4		ng/L		119	32 - 170	2	30
Perfluorooctanesulfonic acid (PFOS)			37.1	38.2		ng/L		103	47 - 162	2	30
Perfluorodecanesulfonic acid (PFDS)			38.6	35.4		ng/L		92	35 - 157	5	30
Perfluorooctane Sulfonamide (FOSA)			40.0	41.2		ng/L		103	59 - 163	5	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C8 FOSA	27		25 - 150
13C4 PFBA	109		25 - 150
13C2 PFHxA	103		25 - 150
13C4 PFOA	118		25 - 150
13C5 PFNA	116		25 - 150
13C2 PFDA	128		25 - 150
13C2 PFUnA	133		25 - 150
13C2 PFDoA	116		25 - 150
18O2 PFHxS	103		25 - 150
13C4 PFOS	110		25 - 150
13C4-PFHpA	109		25 - 150
13C5 PFPeA	106		25 - 150

Method: Moisture - Percent Moisture

Lab Sample ID: 460-134035-8 DU
Matrix: Solid
Analysis Batch: 440648

Client Sample ID: FT-SD-08
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	29.2			30.6		%				5	20
Percent Solids	70.8			69.4		%				2	20

GC/MS VOA

Prep Batch: 439415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-1	FT-SD-01	Total/NA	Solid	5035	
460-134035-2	FT-SD-02	Total/NA	Solid	5035	
460-134035-3	FT-SD-03	Total/NA	Solid	5035	
460-134035-4	FT-SD-04	Total/NA	Solid	5035	
460-134035-5	FT-SD-05	Total/NA	Solid	5035	
460-134035-6	FT-SD-06	Total/NA	Solid	5035	
460-134035-7	FT-SD-07	Total/NA	Solid	5035	
460-134035-8	FT-SD-08	Total/NA	Solid	5035	
460-134035-9	FT-SD-09	Total/NA	Solid	5035	
460-134035-10	FT-SD-10	Total/NA	Solid	5035	
460-134035-11	FT-SD-11	Total/NA	Solid	5035	
460-134035-12	FT-SD-12	Total/NA	Solid	5035	

Analysis Batch: 439738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-1	FT-SD-01	Total/NA	Solid	8260C	439415
460-134035-2	FT-SD-02	Total/NA	Solid	8260C	439415
460-134035-3	FT-SD-03	Total/NA	Solid	8260C	439415
460-134035-4	FT-SD-04	Total/NA	Solid	8260C	439415
460-134035-5	FT-SD-05	Total/NA	Solid	8260C	439415
460-134035-6	FT-SD-06	Total/NA	Solid	8260C	439415
460-134035-7	FT-SD-07	Total/NA	Solid	8260C	439415
460-134035-8	FT-SD-08	Total/NA	Solid	8260C	439415
460-134035-9	FT-SD-09	Total/NA	Solid	8260C	439415
460-134035-10	FT-SD-10	Total/NA	Solid	8260C	439415
460-134035-11	FT-SD-11	Total/NA	Solid	8260C	439415
MB 460-439738/7	Method Blank	Total/NA	Solid	8260C	
LCS 460-439738/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-439738/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

Analysis Batch: 439752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-13	FT-WS-08	Total/NA	Water	8260C SIM	
460-134035-14	FT-WS-10	Total/NA	Water	8260C SIM	
460-134035-15	FT-WS-13	Total/NA	Water	8260C SIM	
460-134035-16	FT-WS-14	Total/NA	Water	8260C SIM	
MB 460-439752/7	Method Blank	Total/NA	Water	8260C SIM	
LCS 460-439752/3	Lab Control Sample	Total/NA	Water	8260C SIM	
LCSD 460-439752/4	Lab Control Sample Dup	Total/NA	Water	8260C SIM	

Analysis Batch: 439934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-12	FT-SD-12	Total/NA	Solid	8260C	439415
MB 460-439934/6	Method Blank	Total/NA	Solid	8260C	
LCS 460-439934/3	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-439934/4	Lab Control Sample Dup	Total/NA	Solid	8260C	

LCMS

Prep Batch: 166697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-1	FT-SD-01	Total/NA	Solid	SHAKE	
460-134035-2	FT-SD-02	Total/NA	Solid	SHAKE	
460-134035-3	FT-SD-03	Total/NA	Solid	SHAKE	
460-134035-4	FT-SD-04	Total/NA	Solid	SHAKE	
460-134035-5	FT-SD-05	Total/NA	Solid	SHAKE	
460-134035-6	FT-SD-06	Total/NA	Solid	SHAKE	
460-134035-7	FT-SD-07	Total/NA	Solid	SHAKE	
460-134035-8	FT-SD-08	Total/NA	Solid	SHAKE	
460-134035-9	FT-SD-09	Total/NA	Solid	SHAKE	
460-134035-10	FT-SD-10	Total/NA	Solid	SHAKE	
460-134035-11	FT-SD-11	Total/NA	Solid	SHAKE	
460-134035-12	FT-SD-12	Total/NA	Solid	SHAKE	
MB 320-166697/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-166697/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
460-134035-12 MS	FT-SD-12	Total/NA	Solid	SHAKE	
460-134035-12 MSD	FT-SD-12	Total/NA	Solid	SHAKE	

Prep Batch: 166705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-13	FT-WS-08	Total/NA	Water	3535	
460-134035-14	FT-WS-10	Total/NA	Water	3535	
460-134035-15	FT-WS-13	Total/NA	Water	3535	
460-134035-16	FT-WS-14	Total/NA	Water	3535	
MB 320-166705/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-166705/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-166705/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 167167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-13	FT-WS-08	Total/NA	Water	537 (modified)	166705
460-134035-14	FT-WS-10	Total/NA	Water	537 (modified)	166705
460-134035-15	FT-WS-13	Total/NA	Water	537 (modified)	166705
460-134035-16	FT-WS-14	Total/NA	Water	537 (modified)	166705

Analysis Batch: 167378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-13	FT-WS-08	Total/NA	Water	537 (modified)	166705
460-134035-14	FT-WS-10	Total/NA	Water	537 (modified)	166705
MB 320-166705/1-A	Method Blank	Total/NA	Water	537 (modified)	166705
LCS 320-166705/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	166705
LCSD 320-166705/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	166705

Analysis Batch: 167590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-1	FT-SD-01	Total/NA	Solid	537 (modified)	166697
460-134035-2	FT-SD-02	Total/NA	Solid	537 (modified)	166697
460-134035-3	FT-SD-03	Total/NA	Solid	537 (modified)	166697
460-134035-4	FT-SD-04	Total/NA	Solid	537 (modified)	166697
460-134035-5	FT-SD-05	Total/NA	Solid	537 (modified)	166697
460-134035-6	FT-SD-06	Total/NA	Solid	537 (modified)	166697
460-134035-7	FT-SD-07	Total/NA	Solid	537 (modified)	166697

LCMS (Continued)

Analysis Batch: 167590 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-8	FT-SD-08	Total/NA	Solid	537 (modified)	166697
460-134035-9	FT-SD-09	Total/NA	Solid	537 (modified)	166697
460-134035-10	FT-SD-10	Total/NA	Solid	537 (modified)	166697
460-134035-11	FT-SD-11	Total/NA	Solid	537 (modified)	166697
460-134035-12	FT-SD-12	Total/NA	Solid	537 (modified)	166697
MB 320-166697/1-A	Method Blank	Total/NA	Solid	537 (modified)	166697
LCS 320-166697/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	166697
460-134035-12 MS	FT-SD-12	Total/NA	Solid	537 (modified)	166697
460-134035-12 MSD	FT-SD-12	Total/NA	Solid	537 (modified)	166697

General Chemistry

Analysis Batch: 440648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-1	FT-SD-01	Total/NA	Solid	Moisture	
460-134035-2	FT-SD-02	Total/NA	Solid	Moisture	
460-134035-3	FT-SD-03	Total/NA	Solid	Moisture	
460-134035-4	FT-SD-04	Total/NA	Solid	Moisture	
460-134035-5	FT-SD-05	Total/NA	Solid	Moisture	
460-134035-6	FT-SD-06	Total/NA	Solid	Moisture	
460-134035-7	FT-SD-07	Total/NA	Solid	Moisture	
460-134035-8	FT-SD-08	Total/NA	Solid	Moisture	
460-134035-8 DU	FT-SD-08	Total/NA	Solid	Moisture	

Analysis Batch: 440657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-134035-9	FT-SD-09	Total/NA	Solid	Moisture	
460-134035-10	FT-SD-10	Total/NA	Solid	Moisture	
460-134035-11	FT-SD-11	Total/NA	Solid	Moisture	
460-134035-12	FT-SD-12	Total/NA	Solid	Moisture	

Client Sample ID: FT-SD-01
Date Collected: 05/23/17 10:50
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440648	06/01/17 12:22	GTSV	TAL EDI

Client Sample ID: FT-SD-01
Date Collected: 05/23/17 10:50
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-1
Matrix: Solid
Percent Solids: 67.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:28	AVM	TAL EDI
Total/NA	Analysis	8260C		1	439738	05/27/17 11:35	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 04:33	TTP	TAL SAC

Client Sample ID: FT-SD-02
Date Collected: 05/23/17 11:05
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440648	06/01/17 12:22	GTSV	TAL EDI

Client Sample ID: FT-SD-02
Date Collected: 05/23/17 11:05
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-2
Matrix: Solid
Percent Solids: 73.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:29	AVM	TAL EDI
Total/NA	Analysis	8260C		1	439738	05/27/17 11:59	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 04:40	TTP	TAL SAC

Client Sample ID: FT-SD-03
Date Collected: 05/23/17 11:20
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440648	06/01/17 12:22	GTSV	TAL EDI

Client Sample ID: FT-SD-03
Date Collected: 05/23/17 11:20
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-3
Matrix: Solid
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:30	AVM	TAL EDI

Client Sample ID: FT-SD-03

Lab Sample ID: 460-134035-3

Date Collected: 05/23/17 11:20

Matrix: Solid

Date Received: 05/25/17 09:55

Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	439738	05/27/17 12:24	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 04:48	TTP	TAL SAC

Client Sample ID: FT-SD-04

Lab Sample ID: 460-134035-4

Date Collected: 05/23/17 12:45

Matrix: Solid

Date Received: 05/25/17 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440648	06/01/17 12:22	GTSV	TAL EDI

Client Sample ID: FT-SD-04

Lab Sample ID: 460-134035-4

Date Collected: 05/23/17 12:45

Matrix: Solid

Date Received: 05/25/17 09:55

Percent Solids: 55.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:31	AVM	TAL EDI
Total/NA	Analysis	8260C		1	439738	05/27/17 12:49	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 04:56	TTP	TAL SAC

Client Sample ID: FT-SD-05

Lab Sample ID: 460-134035-5

Date Collected: 05/23/17 13:00

Matrix: Solid

Date Received: 05/25/17 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440648	06/01/17 12:22	GTSV	TAL EDI

Client Sample ID: FT-SD-05

Lab Sample ID: 460-134035-5

Date Collected: 05/23/17 13:00

Matrix: Solid

Date Received: 05/25/17 09:55

Percent Solids: 46.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:32	AVM	TAL EDI
Total/NA	Analysis	8260C		1	439738	05/27/17 13:13	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 05:04	TTP	TAL SAC

Client Sample ID: FT-SD-06
Date Collected: 05/23/17 13:15
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440648	06/01/17 12:22	GTSV	TAL EDI

Client Sample ID: FT-SD-06
Date Collected: 05/23/17 13:15
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-6
Matrix: Solid
Percent Solids: 62.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:33	AVM	TAL EDI
Total/NA	Analysis	8260C		1	439738	05/27/17 13:37	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 05:11	TTP	TAL SAC

Client Sample ID: FT-SD-07
Date Collected: 05/23/17 14:30
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440648	06/01/17 12:22	GTSV	TAL EDI

Client Sample ID: FT-SD-07
Date Collected: 05/23/17 14:30
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-7
Matrix: Solid
Percent Solids: 36.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:34	AVM	TAL EDI
Total/NA	Analysis	8260C		1	439738	05/27/17 14:00	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 05:27	TTP	TAL SAC

Client Sample ID: FT-SD-08
Date Collected: 05/23/17 14:45
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440648	06/01/17 12:22	GTSV	TAL EDI

Client Sample ID: FT-SD-08
Date Collected: 05/23/17 14:45
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-8
Matrix: Solid
Percent Solids: 70.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:35	AVM	TAL EDI

Client Sample ID: FT-SD-08

Lab Sample ID: 460-134035-8

Date Collected: 05/23/17 14:45

Matrix: Solid

Date Received: 05/25/17 09:55

Percent Solids: 70.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	439738	05/27/17 14:23	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 05:34	TTP	TAL SAC

Client Sample ID: FT-SD-09

Lab Sample ID: 460-134035-9

Date Collected: 05/23/17 15:00

Matrix: Solid

Date Received: 05/25/17 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440657	06/01/17 13:10	GTSV	TAL EDI

Client Sample ID: FT-SD-09

Lab Sample ID: 460-134035-9

Date Collected: 05/23/17 15:00

Matrix: Solid

Date Received: 05/25/17 09:55

Percent Solids: 76.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:36	AVM	TAL EDI
Total/NA	Analysis	8260C		1	439738	05/27/17 14:47	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 05:42	TTP	TAL SAC

Client Sample ID: FT-SD-10

Lab Sample ID: 460-134035-10

Date Collected: 05/24/17 09:00

Matrix: Solid

Date Received: 05/25/17 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440657	06/01/17 13:10	GTSV	TAL EDI

Client Sample ID: FT-SD-10

Lab Sample ID: 460-134035-10

Date Collected: 05/24/17 09:00

Matrix: Solid

Date Received: 05/25/17 09:55

Percent Solids: 72.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:37	AVM	TAL EDI
Total/NA	Analysis	8260C		1	439738	05/27/17 15:10	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 05:50	TTP	TAL SAC

Client Sample ID: FT-SD-11
Date Collected: 05/24/17 09:15
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440657	06/01/17 13:10	GTSV	TAL EDI

Client Sample ID: FT-SD-11
Date Collected: 05/24/17 09:15
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-11
Matrix: Solid
Percent Solids: 60.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:38	AVM	TAL EDI
Total/NA	Analysis	8260C		1	439738	05/27/17 15:33	AAT	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 05:58	TTP	TAL SAC

Client Sample ID: FT-SD-12
Date Collected: 05/24/17 09:30
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	440657	06/01/17 13:10	GTSV	TAL EDI

Client Sample ID: FT-SD-12
Date Collected: 05/24/17 09:30
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-12
Matrix: Solid
Percent Solids: 55.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			439415	05/25/17 19:39	AVM	TAL EDI
Total/NA	Analysis	8260C		1	439934	05/29/17 11:43	EMM	TAL EDI
Total/NA	Prep	SHAKE			166697	05/30/17 16:57	TON	TAL SAC
Total/NA	Analysis	537 (modified)		1	167590	06/06/17 06:05	TTP	TAL SAC

Client Sample ID: FT-WS-08
Date Collected: 05/23/17 15:15
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	439752	05/27/17 17:31	DAS	TAL EDI
Total/NA	Prep	3535			166705	05/30/17 18:04	VPM	TAL SAC
Total/NA	Analysis	537 (modified)		1	167167	06/02/17 06:37	SBC	TAL SAC
Total/NA	Prep	3535			166705	05/30/17 18:04	VPM	TAL SAC
Total/NA	Analysis	537 (modified)		5	167378	06/04/17 18:15	SBC	TAL SAC

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Client Sample ID: FT-WS-10

Date Collected: 05/24/17 08:50
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	439752	05/27/17 17:53	DAS	TAL EDI
Total/NA	Prep	3535			166705	05/30/17 18:04	VPM	TAL SAC
Total/NA	Analysis	537 (modified)		1	167167	06/02/17 06:44	SBC	TAL SAC
Total/NA	Prep	3535			166705	05/30/17 18:04	VPM	TAL SAC
Total/NA	Analysis	537 (modified)		10	167378	06/04/17 17:59	SBC	TAL SAC

Client Sample ID: FT-WS-13

Date Collected: 05/24/17 10:00
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	439752	05/27/17 18:16	DAS	TAL EDI
Total/NA	Prep	3535			166705	05/30/17 18:04	VPM	TAL SAC
Total/NA	Analysis	537 (modified)		1	167167	06/02/17 06:52	SBC	TAL SAC

Client Sample ID: FT-WS-14

Date Collected: 05/24/17 10:15
Date Received: 05/25/17 09:55

Lab Sample ID: 460-134035-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C SIM		1	439752	05/27/17 18:39	DAS	TAL EDI
Total/NA	Prep	3535			166705	05/30/17 18:04	VPM	TAL SAC
Total/NA	Analysis	537 (modified)		1	167167	06/02/17 07:00	SBC	TAL SAC

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Laboratory: TestAmerica Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11452	04-01-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-18

Laboratory: TestAmerica Sacramento

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11666	04-01-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
537 (modified)	3535	Water	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	3535	Water	Perfluorobutanoic acid (PFBA)
537 (modified)	3535	Water	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	3535	Water	Perfluorodecanoic acid (PFDA)
537 (modified)	3535	Water	Perfluorododecanoic acid (PFDoA)
537 (modified)	3535	Water	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	3535	Water	Perfluoroheptanoic acid (PFHpA)
537 (modified)	3535	Water	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	3535	Water	Perfluorohexanoic acid (PFHxA)
537 (modified)	3535	Water	Perfluorononanoic acid (PFNA)
537 (modified)	3535	Water	Perfluorooctane Sulfonamide (FOSA)
537 (modified)	3535	Water	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	3535	Water	Perfluorooctanoic acid (PFOA)
537 (modified)	3535	Water	Perfluoropentanoic acid (PFPeA)
537 (modified)	3535	Water	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	3535	Water	Perfluorotridecanoic Acid (PFTriA)
537 (modified)	3535	Water	Perfluoroundecanoic acid (PFUnA)
537 (modified)	SHAKE	Solid	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	SHAKE	Solid	Perfluorobutanoic acid (PFBA)
537 (modified)	SHAKE	Solid	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	SHAKE	Solid	Perfluorodecanoic acid (PFDA)
537 (modified)	SHAKE	Solid	Perfluorododecanoic acid (PFDoA)
537 (modified)	SHAKE	Solid	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	SHAKE	Solid	Perfluoroheptanoic acid (PFHpA)
537 (modified)	SHAKE	Solid	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	SHAKE	Solid	Perfluorohexanoic acid (PFHxA)
537 (modified)	SHAKE	Solid	Perfluorononanoic acid (PFNA)
537 (modified)	SHAKE	Solid	Perfluorooctane Sulfonamide (FOSA)
537 (modified)	SHAKE	Solid	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	SHAKE	Solid	Perfluorooctanoic acid (PFOA)
537 (modified)	SHAKE	Solid	Perfluoropentanoic acid (PFPeA)

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Laboratory: TestAmerica Sacramento (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11666	04-01-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
537 (modified)	SHAKE	Solid	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	SHAKE	Solid	Perfluorotridecanoic Acid (PFTriA)
537 (modified)	SHAKE	Solid	Perfluoroundecanoic acid (PFUnA)

Method Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8260C SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL EDI
537 (modified)	Perfluorinated Hydrocarbons	EPA	TAL SAC
Moisture	Percent Moisture	EPA	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: TRC Environmental Corporation
Project/Site: NYSDEC - Fortino Tire Site

TestAmerica Job ID: 460-134035-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-134035-1	FT-SD-01	Solid	05/23/17 10:50	05/25/17 09:55
460-134035-2	FT-SD-02	Solid	05/23/17 11:05	05/25/17 09:55
460-134035-3	FT-SD-03	Solid	05/23/17 11:20	05/25/17 09:55
460-134035-4	FT-SD-04	Solid	05/23/17 12:45	05/25/17 09:55
460-134035-5	FT-SD-05	Solid	05/23/17 13:00	05/25/17 09:55
460-134035-6	FT-SD-06	Solid	05/23/17 13:15	05/25/17 09:55
460-134035-7	FT-SD-07	Solid	05/23/17 14:30	05/25/17 09:55
460-134035-8	FT-SD-08	Solid	05/23/17 14:45	05/25/17 09:55
460-134035-9	FT-SD-09	Solid	05/23/17 15:00	05/25/17 09:55
460-134035-10	FT-SD-10	Solid	05/24/17 09:00	05/25/17 09:55
460-134035-11	FT-SD-11	Solid	05/24/17 09:15	05/25/17 09:55
460-134035-12	FT-SD-12	Solid	05/24/17 09:30	05/25/17 09:55
460-134035-13	FT-WS-08	Water	05/23/17 15:15	05/25/17 09:55
460-134035-14	FT-WS-10	Water	05/24/17 08:50	05/25/17 09:55
460-134035-15	FT-WS-13	Water	05/24/17 10:00	05/25/17 09:55
460-134035-16	FT-WS-14	Water	05/24/17 10:15	05/25/17 09:55

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

480501-Albany

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Ryan Torrey	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-97646-23257.1
Client Contact: Marc Flanagan	Phone: (315) 868-4440	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 2
Company: TRC Environmental Corporation		Analysis Requested		Job #: 134035
Address: 10 Maxwell Drive Suite 200	Due Date Requested:			Preservation Codes:
City: Clifton Park	TAT Requested (days): Standard			
State, Zip: NY, 12065	PO #: Purchase Order not required			
Phone: 518-688-3154(Tel)	WO #:			
Email: meflanagan@trcsolutions.com				
Project Name: NYSDEC - Fortino Tire Site	Project #: 48016016			
Site:	SSOW#:			

460-134035 Chain of Custody

1 - Hexane
- None
- AsNaO2
- Na2O4S
- Na2SO3
- Na2S2O3
- H2SO4
- TSP Dodecahydrate
- Acetone
- MCAA
W - pH 4-5
Z - other (specify)
K - EDTA
L - EDA
Other:

SHORT HOLD

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA - PFAS, Standard List	8260C - 1,4-Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
FT-SD-01	05/23/17	1055	G	Solid	N		X	X	5	1
FT-SD-02	05/23/17	1105	G	Solid	N		X	X	5	2
FT-SD-03	05/23/17	1120	G	Solid	N		X	X	5	3
FT-SD-04	05/23/17	1245	G	Solid	N		X	X	5	4
FT-SD-05	05/23/17	1300	G	Solid	N		X	X	5	5
FT-SD-06	05/23/17	1315	G	Solid	N		X	X	5	6
FT-SD-07	05/23/17	1430	G	Solid	N		X	X	5	7
FT-SD-08	05/23/17	1445	G	Solid	N		X	X	5	8
FT-SD-09	05/23/17	1500	G	Solid	N		X	X	5	9
FT-SD-10	05/24/17	0900	G	Solid	N		X	X	5	10
FT-SD-11	05/24/17	0915	G	Solid	N		X	X	5	11

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/24/17 1700	TRC	Daniel Babiash	5/24/17 1700	TA
Relinquished by: Daniel Babiash	Date/Time: 5/24/17 1800	Company TA	Received by: [signature] via FedEx	Date/Time: 5/25/17 0955	Company TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: X Yes ☐ No
Custody Seal No.: 848452
Cooler Temperature(s) °C and Other Remarks: 2.5° COR8

6/8/2017

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

480501-Albany

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Ryan Jorkey	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-97646-23257.2
Client Contact: Marc Flanagan	Phone: (315) 868-4440	E-Mail: melissa.deyo@testamericainc.com		Page: Page 2 of 2
Company: TRC Environmental Corporation				Job #: 134035
Address: 10 Maxwell Drive Suite 200	Due Date Requested:			
City: Clifton Park	TAT Requested (days): Standard			
State, Zip: NY, 12065	PO #: Purchase Order not required			
Phone: 518-688-3154(Tel)	WO #:			
Email: meflanagan@trcsolutions.com	Project #: 48016016			
Project Name: NYSDEC - Fortino Tire Site	SSOW#:			
Site:				

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA - PFAS, Standard List	8260C - 1,4-Dioxane	8260C-SIM - 1,4-Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	A			
FT-SD-12	05/24/17	0930	G	Solid	N		X	X			12
FT-WS-08	05/23/17	1515	G	Water	N		X		X		13
FT-WS-10	05/24/17	0850	G	Water	N		X		X		14
FT-WS-13	05/24/17	1000	G	Water	N		X		X		15
FT-WS-14	05/24/17	1015	G	Water	N		X		X		16

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	5/24/17 1700	TRC	Daniel Bubniak	5/24/17 1700	TA
2	Daniel Bubniak	5/24/17 1800	TA	[signature] via FedEx	5/25/17 0955	TA
3						

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.: 848452
Cooler Temperature(s) °C and Other Remarks: 2.5°C IR8

6/8/2017

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 134035

Number of Coolers: 1 IR Gun # 8

Cooler Temperatures

	RAW	CORRECTED
Cooler #1:	2.5 °C	2.5 °C
Cooler #2:	°C	°C
Cooler #3:	°C	°C
Cooler #4:	°C	°C
Cooler #5:	°C	°C
Cooler #6:	°C	°C
Cooler #7:	°C	°C
Cooler #8:	°C	°C
Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: CA Date: 5/25/17

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

480501-Albany

Chain of Custody Record

460-134035 Chain of Custody

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Ryan Torrey	Lab PM: Deyo, Melissa L	COC No: 480-97646-23257.1
Client Contact: Marc Flanagan	Phone: (315) 868-4440	E-Mail: melissa.deyo@testamericainc.com	Page: Page 1 of 2
Company: TRC Environmental Corporation			Job #:
Address: 10 Maxwell Drive Suite 200	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Clifton Park	TAT Requested (days): Standard		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: NY, 12065			
Phone: 518-688-3154(Tel)	PO #: Purchase Order not required		
Email: meflanagan@trcsolutions.com	WO #:		Other:
Project Name: NYSDEC - Fortino Tire Site	Project #: 48016016		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA - PFAS, Standard List	8260C - 1,4-Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
FT-SD-01	05/23/17	1050	G	Solid	N		X	X	5	
FT-SD-02	05/23/17	1105	G	Solid	N		X	X	5	
FT-SD-03	05/23/17	1120	G	Solid	N		X	X	5	
FT-SD-04	05/23/17	1245	G	Solid	N		X	X	5	
FT-SD-05	05/23/17	1300	G	Solid	N		X	X	5	
FT-SD-06	05/23/17	1315	G	Solid	N		X	X	5	
FT-SD-07	05/23/17	1430	G	Solid	N		X	X	5	
FT-SD-08	05/23/17	1445	G	Solid	N		X	X	5	
FT-SD-09	05/23/17	1500	G	Solid	N		X	X	5	
FT-SD-10	05/24/17	0900	G	Solid	N		X	X	5	
FT-SD-11	05/24/17	0915	G	Solid	N		X	X	5	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	5/24/17 1700	TRC	Daniel Babiak	5/24/17 1700	TA
2	Daniel Babiak	5/24/17 1800	TA	[signature]	5/25/17 730	TAWS
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.4

6/8/2017

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

480501-Albany

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Ryan Torrey	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-97646-23257.2
Client Contact: Marc Flanagan	Phone: (315) 868-4440	E-Mail: melissa.deyo@testamericainc.com		Page: Page 2 of 2
Company: TRC Environmental Corporation				Job #:

Address: 10 Maxwell Drive Suite 200	Due Date Requested:	Analysis Requested	Preservation Codes:
City: Clifton Park	TAT Requested (days): Standard		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: NY, 12065			
Phone: 518-688-3154(Tel)	PO #: Purchase Order not required		
Email: meflanagan@trcsolutions.com	WO #:		Other:
Project Name: NYSDEC - Fortino Tire Site	Project #: 48016016		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA - PFAS, Standard List	8260C - 1,4-Dioxane	8260C-SIM - 1,4-Dioxane	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A		
FT-SD-12	05/24/17	0930	G	Solid	N		X	X			
FT-WS-08	05/23/17	1515	G	Water	N		X		X		
FT-WS-10	05/24/17	0850	G	Water	N		X		X		
FT-WS-13	05/24/17	1000	G	Water	N		X		X		
FT-WS-14	05/24/17	1015	G	Water	N		X		X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	5/24/17 1700	TRC	Daniel Bubniak	5/24/17 1700	TA
Daniel Bubniak	5/24/17 1800	TA	[signature]	5/25/17 930	TAMS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 1.1

6/8/2017

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 460-134035-1

Login Number: 134035
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	848452
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5°C, IR #8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Login Sample Receipt Checklist

Client: TRC Environmental Corporation

Job Number: 460-134035-1

Login Number: 134035
List Number: 3
Creator: Nelson, Kym D

List Source: TestAmerica Sacramento
List Creation: 05/25/17 01:12 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	848453
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX H
DATA USABILITY SUMMARY REPORTS