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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

25 YEARS
1991 - 2016

CONSTRUCTION COMPLETION REPORT

FORMER RKO DRY CLEANERS SITE



566 Washington Ave.
Albany, Albany County, New York
NYSDEC Site No. 401065

August 12, 2019

Prepared For:

The New York State Department of Environmental Conservation
Division of Environmental Remediation

Prepared By:

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1.0 -INTRODUCTION:

Precision Environmental Services, Inc. (PES) has prepared this report of findings to document investigative and remedial work implemented at the Former RKO Dry Cleaners Site (hereafter referred to as 'The Site'). Work completed and documented herein was completed at the direction of and on behalf of the New York State Department of Environmental Conservation (NYSDEC) pursuant to Prime Contract C100614. Based on historical use and contaminant assessment, The Site was entered into the New York State's Superfund Program (Superfund) and assigned NYSDEC Site No.: 401065. The site is physically located at 566 Washington Ave., City of Albany, Albany County, New York. Figure 1 provides additional site location detail.

PES was contracted to implement an Interim Remedial Measure (IRM) pursuant to and in conformance with NYSDEC's approved Interim Remedial Measures Work Plan from July 2017. The selected IRM was chosen in accordance with the New York State Environmental Conservation Law and Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375 and substantially conformed with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

A description of the ***major*** work elements tasked to PES, along with a brief executive summary of their implementation are as follows:

1) Existing conditions baseline survey (June 8, 2017) – PES procured the services of Advance Engineering and Land Surveying, PLLC, to complete a boundary, topographic, and existing site features survey of The Site and immediately adjacent surrounding properties. The survey also provided vertical elevation control to facilitate construction and documentation of the IRM effort.

2) Supplemental Subsurface Investigation (SSI) (June 2017) – PES completed an SSI to define shallow contaminant impacts and to provide for the collection of soil data to allow for waste characterization. Waste characterization was necessary for planning of contaminated soil transportation and off-site disposal. PES utilized in-house drilling equipment to collect soil samples for the refinement of the site's soil characterization. Six (6) shallow soil borings (SBs) were installed on June 27, 2017 via direct push methods in the proposed excavation area and along the downgradient property boundary to determine soil quality with respect to magnitude of impact and vertical/horizontal distribution of contaminants of concern. All drilling activities were performed under the direction and supervision of qualified PES management staff. Grab samples were collected from each SB and were analyzed for volatile organic compounds (VOCs) to assess Tetrachloroethene (PCE) concentrations. The data collected was used to assist in planning and logistically implementing the proposed excavation work.

3) Site Preparation for Excavation – The proposed IRM consisted of focused excavation of perceived source soils near adjacent, off-site occupied structures. Target depth of excavation was 14 to 16-feet deep, which necessitated a shoring strategy to ensure integrity of excavation sidewalls and that adjacent structures would not be damaged as a result of the work. Andrew J Donovan, P.E., P.C. of Albany, NY, which consisted of install of steel trench boxes and sequencing cut and fill within the boxes to maintain a safe and structurally sound excavation area. The plan was created and certified on October 31, 2017.

   Additionally, and prior to the start of intrusive work, PES procured the services of a third-party independent building inspection firm (Vibra-Tech) to document existing conditions of nearby

adjacent structures that could be affected by the work. On November 2, 2018 Vibra-Tech entered, inspected and documented the existing conditions of 564 Washington Ave. structure and 182-186 Ontario Street apartment complex.

4) Excavation/Off Site Disposal (May 2018 to July 2018) – The selected IRM called for excavation and off-site disposal of suspected source contamination within soils along the eastern property boundary. These areas were targeted for remediation based on data generated during the remedial investigation performed by others as well as PES's 2017 investigative efforts. Prior to and during the excavation process, engineering controls were established to facilitate safe soil removal and backfill activities at The Site. Engineering controls consisted of:

- Private utility mark out of The Site and proposed excavation area;
- Installation of temporary security fencing at the perimeter of The Site;
- Creation of temporary site construction improvements and associated soil stockpiling and equipment staging areas;
- Development of a community air monitoring program (CAMP); and
- Creation of an equipment decontamination pad;
- Installation of shoring system;
- Construction dewatering; and
- Implementation of progressive cut and fill excavation methods.

Completed engineering controls allowed for safe and practical excavation of contaminated soil. Soils were excavated to 13.5-feet deep within horizontal limits as established in the approved work plan. PES construction and professional staff performed the required excavation work using progressive cut and fill methods. The upper 6-feet of soils were pre-characterized in place and as such were directly cut and then disposed of off-site as non-hazardous waste pursuant to Contained-In ruling and decision from NYSDEC of December 7, 2017. 155.08 tons of non-hazardous soil were transported and disposed at the Ontario County Landfill, located in Stanley, NY.

Soils below the six-foot depth were cut, staged and characterized ex-situ. These soils were deemed an D039 and F002 hazardous waste based on laboratory analytical data collected on June 5, 2017. Once characterized, the soils were loaded and transported off site for disposal on July 23 and 24, 2018. 198.4 tons of RCRA hazardous soil were transported to EnGlobe Corp., located in Quebec, Ontario, Canada, where it was treated and eventually disposed.

5) Soil Amendment Application and Backfill – Once termination depths/boundaries were reached and as determined by physical limitations imposed by the shoring system and location of property boundaries and structures relative to the excavation area, 900 pounds of the in-situ chemical reducing (ISCR) agent: Daramend Reagent, were placed and mixed into the floor of the excavation area prior to backfilling. Imported, clean, bank run sand and gravel (select fill) was then applied to the general excavation to fill the void to within 6-inches of grade. Final surface restoration was completed with processed crushed stone. Fill application occurred in approximately one-foot lifts and was mechanically compacted to within 95% based on standard proctor results. Compaction efforts were verified and documented by Dente Group of Watervliet, NY using in-place nuclear density gauge in accordance with ASTM D6938.

6) Monitoring Well Installation (Replacement) – The approved IRM work plan required abandonment and then install of a replacement monitoring well in the vicinity of MW-6. As such, PES installed grout within the well screen and then physically removed the upper 13.5-ft of screen and casing of MW-6 that was within the excavation area. On August 24, 2018 the well was replaced with an additional two-inch diameter well in an adjacent downgradient location. This well has been designated MW-6R.

7) Monitoring Well Sampling – Newly installed and existing site and area wide monitoring wells were sampled on September 5, 2018 and again on April 11, 2019. The initial sampling effort included site-specific VOCs as well as emerging contaminants Perfluorinated Alkyl Substances (PFAS) and 1,4-Dioxane. The secondary sampling effort included only site-specific VOC contaminants.

In summary, PES was issued a Call Out to perform the remedial work at the site in April 2017. The goal of the IRM was to remediate soils within the perceived source area that contained VOCs not meeting NYSDEC published Protection of Groundwater Soil Cleanup Objectives. Site work was carried out and/or overseen by PES throughout 2017 and 2018 in accordance with NYSDEC prime Standby Remedial Services Contract No.: C100614. General information about The Site as well as details regarding the implementation of each remedial work scope element have been included below.

2.0 -SITE INFORMATION:

2.1 -Background/Site History:

Previously, a circa 1950 building was present on the property and The Site was operated as a dry cleaner from 1964 to 2005, with the exception of 1995 when Lee's Market was listed as the occupant. A residential structure is likely to have existed on the lot prior to its commercial use. The former commercial building was approximately 2,575 square feet with a partial basement under the rear (southwest) quarter of the building footprint. In December 2000, a large fire occurred at the property resulting in a spill incident (NYSDEC Spill #0010595) that reported dry cleaning fluids may have been spilled but were consumed by the fire. After the fire, the building was boarded up and left vacant until 2012 when the New York State Department of Environmental Conservation (NYSDEC) began to characterize The Site as a possible source of contamination. Site Characterization activities confirmed the presence of tetrachloroethene (PCE), trichloroethene (TCE) and, cis-1,2-dichloroethene (DCE) contamination. These contaminants are classified as chlorinated volatile organic compounds (cVOCs). PCE is frequently associated with dry cleaning operations, with TCE and DCE being typical by-products of PCE degradation.

In June 2012 and in an effort to ensure protection of human health, the NYSDEC began intrusive work at The Site through performance of IRMs consisting of:

1) Building demolition and disposal of construction and demolition (C&D) debris;
2) Dewatering of the basement area;
3) Removing containers of unknown liquids;
4) Removing and disposing of hazardous C&D debris;
5) Backfilling of the basement area; and
6) Removing a fuel oil underground storage tank (UST).



Former RKO Cleaners building prior to demolition

At the time the above IRMs were completed additional investigative efforts consisting of subslab vapor sampling as well as groundwater sampling also occurred. The investigative and IRM effort, was performed by Aztech Technologies, Inc., of Ballston Spa, NY. Details of their work can be found in a *Interim Remedial Measures Report* published in October 2012. A site map generated by Aztech during the course of their work, which has been included as Figure 2, portrays general site usage and layout at the time NYSDEC initiated work at The Site.

Following completion of the above noted IRMs, whereby The Site no longer posed an immediate threat to human health, the environmental contaminants at The Site were further investigated by Henningson, Durham & Richardson Architecture and Engineering, P.C. (HDR). HDR completed a Remedial Investigation from July 2015 to March 2016. HDRs findings, which were published in a February 2017 report entitled: *Remedial Investigation Report, Former RKO Cleaners*, documented the following:

- Shallow surface soils were generally characterized during the RI as gray or brown plastic clay, soft to firm.
- Native clay soils were encountered from approximately 2 ft below ground surface (bgs) to 7 ft bgs, and a mixture of clay and silt were encountered from approximately 7 ft bgs to 20 ft bgs.
- Bedrock is estimated to be approximately 300 ft bgs.
- Groundwater depths ranged from 6 to 13 ft bgs, as gauged in the monitoring wells and flow is towards to the east.
- The groundwater gradient across the site is 0.043 and hydraulic conductivity (K) was generally estimated to be between 10 and 28 ft/day from 10 to 14 ft bgs, with much lower conductivity (0-5 ft/day) occurring in the interval below 14 ft bgs.
- On-site soil sampling results indicated a relatively focused area of PCE contamination located on the east side of The Site, where the back door of the old commercial building

was located. The depth of this contamination ranges from 6-12 feet bgs with the highest concentration of 110 mg/kg being located at the 8-12 feet bgs interval.

- The site related cVOCs including PCE, TCE and DCE were detected at concentrations exceeding applicable NYSDEC Class GA groundwater standards (all 5 micrograms per liter [µg/L] or parts per billion [ppb]). A maximum concentration of 9,600 µg/L of PCE was detected in the on-site HDR-installed overburden monitoring well MW6 in January 2016. The location of this monitoring well coincides with the contaminated soil hot spot discussed above. PCE was also detected at 21 µg/L in one off-site well (MW2), which is directly down gradient of the hot spot and MW6.

HDR concluded that a relatively localized area of cVOC soil contamination exists in the eastern portion of The Site near the former back door of the building and near location of former fuel oil UST. They attributed this soil contamination as the likely source for the groundwater contamination. Based on the apparent extent of this soil and groundwater contamination, an interim remedial measure (IRM) to remove or treat the remaining contamination associated with this source area would likely remedy the contamination attributed to The Site.

2.2 -Site Location and Description:

The RKO Dry Cleaners site is located in the central portion of the City of Albany at the intersection of Ontario Street and Washington Avenue (Figure 1 provides site location detail). The site is a 0.77-acre vacant lot presently covered with concrete and gravel that is occasionally used for parking by the nearby residents. The Site is bordered to the north by the intersection of Washington Avenue and Ontario Street; to the south and east by apartment buildings, and to the west by Ontario Street. On the north side of Washington Avenue is a gas station and on the west side of Ontario Street is Beverwyck Park.

A survey completed by Advance Engineering & Surveying, which has been provided in Attachment A, shows lot boundary details of The Site and immediate surroundings. The Site was observed to have been previously supplied with overhead power and telecommunications. The former site's water and sanitary sewer needs were served by underground publicly supplied services. Natural gas was previously provided via underground service. All utilities previously servicing The Site were abandoned as part of the demolition project undertaken in 2012.

2.3 -Site Topography:

The subject area of the investigation and remedial activities described in this report of findings is relatively flat. Mapping information depicted on the United States Geographic Survey Topographic Map of the Albany, New York Quadrangle illustrates a localized slope to the east towards the Hudson River. The majority of The Site exits at approximately 220-feet above mean sea level.

2.4 –Geology/Hydrogeology:

Review of published geological information indicates The Site is located in the Hudson-Mohawk geological province and deposits are predominantly of lacustrine origin. During the course of PES's

intrusive work, shallow non-indigenous fill soils and associated debris were observed and documented to overly native silt and clay-rich soils.

Bedrock beneath The Site reportedly consists of slate and/or shale belonging to the Normanskill Shale formation and is of middle Ordovician age. Bedrock was not encountered during the implementation of any of PES intrusive efforts.

Localized groundwater was encountered at general depths of 10 to 11-feet below the existing site grade. The groundwater appears to exist under unconfined conditions. PES gauged site wells during the two well sampling events completed at The Site. Results of these gauging events have been tabulated and included as Tables 1 and 1A.

2.5 -Surface Water:

The nearest surface water body is a pond located within Washington Park, which is located to the southeast of The Site (See Figure 1 for detail).

3.0 -SUPPLEMENTAL SUBSURFACE INVESTIGATION:

PES performed a supplemental subsurface investigation (SSI) at The Site at the request of the Department. The effort was implemented on June 27, 2017 and involved the installation six (6) soil borings (SBs) within the proposed excavation area of The Site. Figure 3 depicts the location and identification/designation of all resulting SBs.

The SSI event involved the installation of shallow overburden SBs utilizing PES's special access, direct push, geoprobe. In general, SBs were advanced to a maximum depth of sixteen (16)-feet below grade. The primary purpose of the investigative effort was to:

- Define vertical and horizontal extent of contaminant impacts within the proposed excavation area,
- Establish the lithologic nature of the surface soils at The Site,
- Confirm groundwater elevations, and
- Facilitate the collection of samples for waste disposal characterization.

4.1 – Soil Boring Installation/Field Screening:

The SB equipment utilized retrieves relatively undisturbed soil samples across a four-foot stratigraphic interval. SBs were installed using direct-push, macro core, steel, samplers equipped with disposable acetate sleeves (used to prevent the cross contamination of soil samples). Continuous soil samples were collected during boring advancement for subsequent visual classification and field screened utilizing a calibrated photo-ionization detector (PID) to qualitatively determine the presence of volatile organic compounds (VOCs). Field screening was performed using head space methods whereby representative portions of the acquired sample were sealed in clean plastic bags, agitated, allowed time to equilibrate, and then the air space above the soil was scanned with the PID. Prior to the initiation of fieldwork, the PID was properly calibrated to read parts per million (ppm) calibration gas equivalents of isobutylene in accordance with protocols set forth by the equipment manufacturer.



Classifying soils during SI work

Subsurface soil characteristics, including soil type, the presence of foreign materials, field indications of contamination (e.g., staining and/or odors), and instrument responses (i.e.: PID readings) were logged by PES professional staff during the installation of each respective SB. PES personnel maintained independent geologic logs documenting the obtained field information for all encountered material at each boring location. Relevant information from PES logs for each boring is summarized on respective boring logs included in Attachment B.

Decontamination procedures were performed on all soil sampling equipment prior to and between each sample acquisition.

4.2 –Site Geology:

Imported fill consisting of crushed stone and well sorted sand and fine gravel was generally documented within the initial few feet at each boring location. Soils consisting of a mixture of silt and clay was encountered below depths of three feet. A well sorted clayey silt matrix was most prevalent in the excavation area upon reaching the water table from approximately 8 to 10-feet. Once saturated the soils were characterized as fatty clay and containing moderate plasticity. This material is interpreted to be native and is consistent with the published lithologies for this study area. Laminations of silt and alternating silty clay and clayey silt seams were documented from 11 to 16 feet. These characteristics substantiate the published lacustrine-type depositional environment for the study area. Groundwater was estimated to occur from approximately 9 to 11-feet below the existing site grade. Refer to Attachment B for details regarding the geologic profile for individual SBs.

4.3 –SSI Soil Sampling:

All collected soil samples were obtained in a manner consistent with NYSDEC sampling protocols. Samples were collected by PES professional staff, classified, field screened and placed in clean glass sample jars supplied by the analytical facility. Representative samples were labeled, sealed, and placed immediately in iced storage for transport to Test America Laboratories, Inc. (Test America) of Amherst,

NY. Appropriate chain-of-custody procedures were followed. Resulting analytical reports are included as Attachment H.

Collected soil samples were submitted for analyses for:

- VOCs (EPA Method 8260), for site-specific contaminants;
- TCLP VOCs, TCLP SVOCs, TCLP Pesticides and Herbicides, TCLP Metals, Flashpoint and Paint Filter, to assist in characterizing soils for disposal.

Laboratory analytical results for site specific VOCs have been tabulated in Table 2 and graphically displayed on Figure 4.

4.4 –SSI Soil Sampling Results:

The term "soil cleanup objective," (SCO) herein refers to the concentration of a particular constituent of concern above which remedial actions are considered more likely. In general, the objective of establishing guidance levels is to aid with the assessment of the integrity of on-site media relative to conditions which are likely to present a threat to public health or the environment. This is often further influenced by the given and/or probable future uses of the site. In general, conditions where contaminant levels exceed these guidance levels are considered more likely to warrant remediation.

SCOs considered during the data analysis for this site originated in the NYSDEC's regulation 6 NYCRR Subpart 375 document. The goal was to meet Restricted Use – Protection of Groundwater SCOs as per Table 375-6.8(b)

As Table 2 summarizes and Figure 4 illustrates, impact to the subsurface by VOC contamination was prevalent in the entire area targeted by the SSI. As the data base indicates, VOCs exceeding Protection of Groundwater SCOs were documented from 10 to 14-ft depth range in the proposed excavation area. The highest concentration of PCE was found at 14-feet within soils characterized as alternating laminae of silty clay and clayey silt, each with its own perceived degree of permeability. The bedding planes of these deposits appeared to be nearly level or flat, which is not uncommon within lacustrine-type depositional environments. Data collected suggests that cVOC contaminants likely penetrated the less permeable horizons (silty clay and fatty clay) by migrating vertically along preferential pathways in and around foundations and then migrated east along more permeable seams of clayey silt.

Based on the collected data, excavation limits with respect to vertical and horizontal extent were developed and presented to the Department for approval and implementation authorization. Figures 5 and 6 illustrate the study area and proposed cross sectional cut as defined by the soil analytical results, soil types and selected method of shoring. Elevated concentrations of contaminants at 14-feet below relative grade (below planned cut of 13-ft) lead to development of dual remedial approach involving both excavation and surface application and mixing of ISCR reagent compound.

5.0 -SHORING PLAN DEVELOPMENT:

Target depth of excavation of up to 13-foot depth along with location of property boundaries and adjacent structures necessitated the use of shoring system to ensure slope stability of excavation sidewalls, particularly the eastern sidewall along property boundary with 564 Washington Ave. The shoring plan was developed, certified and sealed by Andrew J Donovan, P.E., P.C., of Albany, NY. The

plan involved the use of steel trench boxes and progressive cut and fill excavation methods. The implementation strategy and plan allowed for the safe and practical removal of source soils within the prescribed boundaries and target depth of up to 13-feet below grade.



Shoring equipment was provided by National Trench Safety, of Andover, MA. Two (2) steel trench boxes, each 10-feet tall with 8-ft wide spreaders were used to complete the work.

6.0 –SOIL EXCAVATION, STAGING, BACKFILLING AND DISPOSAL:

Results of the SSI confirmed the need to implement the recommended remedy of mass excavation and off-site disposal coupled with application of ISCR reagent at floor surface of excavation from 12 to 13-foot depth. Figure 4 graphically displays the targeted excavation area as established by the resulting SB lab analysis and direction from the Department. Completed engineering controls allowed for safe and practical excavation of contaminated soil. Soils were excavated pursuant to pre-determined horizontal and vertical extents as established by previous investigative efforts performed by PES and others.

6.1 – Engineering Controls & General Site Preparations:

Prior to mobilization and performance of intrusive remedial work at The Site, PES undertook the following site preparation activities and instituted the following engineering controls:

- Private Utility Mark-Out – In addition to contacting the Underground Facilities Protection Corp to notify member utilities of our intent to excavate, PES also arranged for a private mark-out of subsurface utilities in and around The Site. The private mark-out was completed by New York Leak Detection, Inc., of Jamesville, NY (NYLD) on My 21, 2018. A copy of NYLDs field report, which also includes a map of the identified utilities and anomoly's has been included in Attachment C.

- Security/safety fence – Temporary, free-standing, 6-ft tall, chain link fence was set up along the entire perimeter of The Site. The fence was provided and installed by Siena Fence, Co., of Loundonville, NY.
- Site Utilization Plan – The Site was generally managed in accordance with PES proposed site utilization plan, a copy of which has been included as Figure 7. In general, work was completed in an efficient and safe manner given limiting spatial constraints imposed by site boundaries and the urban setting. Excavation equipment and soil transport vehicles were kept on clean, dry impervious surfaces throughout the excavation and soil load out processes. This consisted of concrete slabs from the former building. This prevented transport of site soils and contamination from The Site without the needs for a large and encumbering equipment and vehicle decontamination pad.

  A soil staging area was constructed on impervious concrete surface from the former site building. The staging area was lined with polyethylene sheeting and was bermed with hay to ensure that soils were contained to within the intended footprint of the cell.
- Temporary Equipment Decontamination Pad – Intrusive equipment that came into direct contact with contaminated soils, such as the excavator bucket and drilling tools, were individually cleaned and decontaminated on temporary pads where the equipment was scraped of residual solids and then cleaned with pressure washer and scrub with phosphate free detergent.



Chain link safety/security fence installed at perimeter



Temporary equipment decontamination pad

- Community Air Monitoring Plan (CAMP) – Community and site-wide air monitoring/screening were performed during all invasive site work. Air monitoring stations were set up at perceived up-wind and down-wind locations during intrusive work in dry weather situations. Each station continuously monitored for particulates and VOCs using real time instrumentation. Logged data has been summarized and presented in Attachment D.

6.2 –Soil Excavation/Staging:

PES utilized a steel-tracked excavator and a Bobcat loader to remove and stage contaminated soils. In general, the approved work scope consisted of the removal of the upper six (6)-feet of soil as non-hazardous waste per in-situ characterization from soil borings installed by PES as well as HDR. These

soils were directly cut and placed in a transport vehicle (live-loaded) bound for disposal as suitable daily cover at Ontario County Landfill, located in Stanley, NY. Soils removed from the six (6) to 13.5-feet depth were cut, stockpiled and then characterized through ex-situ sampling. These soils were deemed characteristically hazardous as well as hazardous based on past processes. As such the waste was classified with D039 and F002 RCRA codes. The hazardous soils were transported by Goulet Trucking, of Deerfield, MA and were disposed at EnGlobe facility in Montreal, Quebec, Canada.





PES used traditional 'cut and fill' methods to accomplish the removal effort. In general, the excavation proceeded from the rear (south) to the front (north) of The Site towards Washington Ave. Target soil was first removed by the excavator then subsequently transported by a Bobcat loader to the staging area. Groundwater was encountered at approximately 8-feet. Significant groundwater was also encountered in and around the former building basement foundation and buried utilities near the foundation. The volume of water necessitated its removal to facilitate the soil cut and to assist with the overall remedy. The strongest olfactory indications of contamination as well as sheen were observed within groundwater contained in and around the former building basement foundation.





Contaminated soils at depth were removed and staged for final characterization. The soil was poly-encapsulated to prevent the infiltration of precipitation and limit exposure. In general, soil was removed within the physical constraints of The Site coupled with the proposed shoring system and/or until the predetermined end of excavation limits were reached. Soil samples were collected of the floor of the excavation to document vertical contaminant extent following the cut effort. Samples were analyzed for VOCs via EPA Method 8260 by Phoenix Environmental Laboratories, of Manchester, CT. A summary of the laboratory analytical results has been presented in the attached Table 3 and the complete laboratory report has been included in Attachment H.

Figure 8 depicts detail regarding the final cut boundary and location of post excavation samples. Post excavation sample B-1 was collected at 12.5-ft below relative grade and B-2 was collected at 13.5-ft below relative grade.



Profile of soils at B-1 post excavation sample location. The sample was collected at 12.5-ft depth within the dark gray, slightly plastic, silty-clay shown near the teeth of the excavator bucket.

6.3 –General Backfilling:

As indicated previously, PES utilized ‘cut and fill’ methods during the removal action at the target IRM area. The excavation was completed in cells whereby soils were cut while the shoring system was simultaneously installed and then the same cell was backfilled prior to initiating cut on the next adjacent cell.



Cell #1 filled and compacted to subgrade



Compacting select fill within cell #3

Select fill consisting of virgin, bank run sand and gravel was supplied by R.J. Valente from 'Hoffay's Gravel Pit', which is owned and operated by Rifenburg Companies and is located at 4170 NY-150 (West Sand Lake Rd.), West Sand Lake, NY. The proposed fill was sampled and pre-characterized prior to delivery to The Site. On November 20, 2017 PES personnel visited the pit and collected a representative sample of the material to ensure that imported soils met Unrestricted Use SCOs as per 6 NYCRR Part 375. A summary outlining the analytical methods used and results from this effort are attached as Table 4. Laboratory analytical reports for the fill samples are included in Attachment H. Ultimately, the fill source was confirmed to meet the requirements of The Site.

A total of 300 cubic yards of select fill were procured and applied to complete the backfill process to within 10-inches of relative site finish grade. Crushed stone provided by WM Larned and Sons, of Rotterdam, NY was then placed and compacted at the surface. Select fill was applied in one (1)-foot lifts and was mechanically compacted using a reversible plate compactor. Compaction testing and verification was completed by Dente Group, from Watervliet, NY. Compaction testing was conducted pursuant to ASTM D6938 using an in-place nuclear density gauge and the results from standard proctor test as completed in a laboratory setting by Dente Group. Results of the proctor test and in-place density verification have been included in Attachment E.

6.4 – Waste Disposal:

6.4.1 – Non Hazardous Soil:

The upper portion of soils from grade to six (6) foot depth were pre-characterized in-place using data collected by PES and others during site assessment and drilling work. Representative samples of these soils were sampled and data was compared to state and federal regulations concerning the listing and ultimate characterization of the waste. In particular, soils were sampled for VOCs via 8260 as well as for TCLP VOCs in an effort to determine if the soil contained hazardous constituents. The sampling effort conducted by PES was completed as part of the SSI as previously discussed above. Laboratory analysis was completed by Test America and their resulting analytical report has been included in Attachment H.

As the laboratory analytical report indicates, VOCs were not detected above the RCRA threshold of 0.7 mg/L pursuant to TCLP testing procedures. The highest total VOC concentrations were below the respective Contained-In soil action levels. NYSDEC therefore sought a Contained-In Determination through NYSDEC Division of Environmental Remediation, Bureau of Program Management, to allow for handling and ultimate disposal of the waste as non-hazardous, despite the presence of low concentrations of presumably spent solvents PCE and daughter compounds. Through correspondence dated December 7, 2017 by Mr. Henry Wilkie, the concentrations of VOCs in the waste within the upper 7-ft were found to meet the contained-in criteria and the waste could therefore be handled and disposed of as non-hazardous. Mr. Wilkie's Correspondence has been included in Attachment F.

In addition to VOC sampling, the proposed disposal facility (Ontario County Landfill (Ontario)) also required full testing of the waste to ensure that it met their specific requirements for use as daily cover This also included SVOCs, PCBs, herbicides, and metal constituents. Laboratory analytical reports for the waste characterization samples are included in Attachment H. Ultimately, the waste was accepted by Ontario and 155.08 tons were transported and used by the facility as daily cover from May 29 and 30, 2018. Copies of the waste transport and disposal receipts have been included in Attachment G.

6.4.2 – Hazardous Soil:

Contaminated soils to be cut from the deeper portion of the proposed excavation area, from 6 to 13-feet depth were removed from the excavation and were was staged on-site and secured on and covered with poly sheeting. The proposed disposal facility was EnGlobe Soil Treatment Facility, located at 8365 Broadway North, Montreal, Quebec, Canada (EnGlobe).



Staged soil cell awaiting laboratory analysis and characterization prior to disposal

The resulting staged soil cell was sampled for characterization to obtain disposal approval. A representative sample was collected on June 5, 2018 from the soil cell and submitted for analyses for: TCLP Metals (EPA Method 6010 and 7470), TCLP VOCs (EPA Method 8260), TCLP SVOCs (EPA Method 8270), PCBs (EPA Method 8082), TCLP Pesticides (EPA Method 8081), TCLP Herbicides (EPA

Method 8151) & general chemistry parameters: paint filter, pH, and flashpoint. Samples were collected by PES professional staff and placed in clean glass sample jars supplied by the analytical facility. Representative samples were labeled, sealed, and placed immediately in iced storage for transport to Test America Laboratories, Inc. (Test America) of Amherst, NY. Resulting analytical reports are included as Attachment H.

Subsequent to approval and acceptance by EnGlobe, all staged soil was loaded and transported under manifest by Goulet Trucking of Deerfield, MA. The soil was initially transported to EQ Northeast, Inc. facility, located in Latham, NY where export arrangements were facilitated. The soil was then transported to EnGlobe's facility for treatment and then proper disposal. A copy of the resulting manifests are included as Attachment G. 198.4 tons of contaminated soil were removed and disposed of as hazardous waste at EnGlobe.

6.5 – Air Monitoring:

Community air monitoring at the perimeter of the work area for particulates as well as VOCs was performed during all invasive site work. Air monitoring data collected has been summarized and presented in Tables 5 and 5A. Additionally, real time VOC monitoring was also completed in the work area using a hand-held PID. No elevated PID readings were documented within the work zone during intrusive efforts. This same instrument was also utilized to monitor VOC concentrations within soils that were removed as well as those left in place and at collection points of post excavation samples.



Community Air Monitoring Station

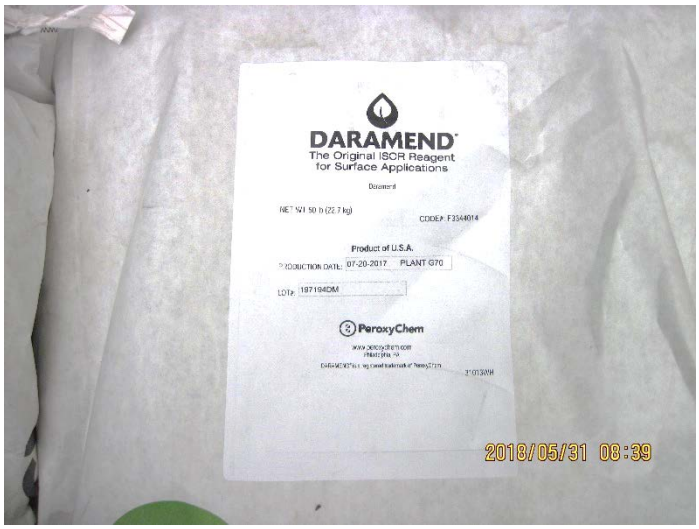
7.0 – SOIL AMENDMENT APPLICATION

Once practical limits of excavation were reached and accessible contaminated soils were cut and removed, a soil amendment was added and mixed into the floor surface of the excavation. The selected amendment was Daramend Reagent as manufactured and distributed by PeroxyChem, of Philadelphia, PA. Daramend is an in-situ chemical reduction (ISCR) anaerobic bioremediation reagent that contains

a proprietary and patented blend of controlled release organic carbon and zero valent iron that is used for the treatment of groundwater and saturated soils impacted with halogenated compounds such as the cVOC site-specific contaminants PCE and TCE. Daramend consists of a dry powder that is intended to be applied and mixed into the soil surface, which makes it suitable for this direct application.



Daramend placed into cell one at 12.5-ft depth



Typical Daramend product provided in 50#bags

A total of 900 pounds of Daramend were added and mixed into the floor surface of the excavation from 12.5 to 14-feet deep. The excavation was then filled with select fill and crushed stone as previously discussed.

8.0 – CONSTRUCTION DEWATERING, TREATMENT & DISCHARGE

Groundwater infiltration into the excavation area was great enough to warrant removal to facilitate safe and practical removal of contaminated soils. Groundwater that was encountered within the proposed cut boundary was initially managed through cut and fill practices as previously mentioned. Once the former building basement was exposed the infiltration of water from within this preferential pathway and storage area became too great. The removal of the water was needed to allow for further cut and was also encouraged to aid in removal and remediation of contaminant mass as the water contained obvious signs of solvent contamination based on odor and presence of sheen on the water surface.



Groundwater infiltration into excavation from foundation wall and basement

Groundwater was conveyed from the open excavation utilizing a centrifugal pump and discharge hose. The water was temporarily stored on site in polyethylene holding tanks and was then sampled and characterized. A summary of the analytical results of the sampling effort have been included as Table 6. The complete laboratory reports has been included in Attachment H. PES worked with the City of Albany and Albany County to allow for ultimate discharge of the water into the nearby combined sanitary and storm sewer. Prior to discharge the water was filtered through granular activated carbon (GAC) where the VOCs were successfully removed. Results of the treatment exercise (prior to actual discharge) showed that 5,200 ug/L of PCE that were present in the water were not detected following GAC filtration.



Raw water was stored in two large poly tanks



Treated water was stored in four smaller poly tanks

Results of the batch treatment and sampling effort were shared with the City of Albany and Albany County and on July 23, 2018 approval was granted to allow for the discharge. On August 24, 2018 approximately 1,300 gallons of filtered groundwater were discharged to the local combined sanitary and storm sewer system via direct discharge into a manhole located along the northern perimeter of the site within the sidewalk along Washington Ave. Following its use, the GAC was disposed of along with the bulk soil sent to BioGenie.

9.0 -MONITORING WELL INSTALLATION:

Monitoring well MW-6, which was decommissioned and otherwise removed during the remedial action was later replaced by MW-6R on August 24, 2018. Placement of MW-6R has been illustrated on the attached Figure 9. The well was installed by Parratt Wolff, Inc. of East Syracuse, NY as overseen and directed by PES technical staff. MW-6R was installed using conventional hollow stem auger drilling methods with well construction mirroring former well MW-6 as installed by HDR. Continuous split spoon sampling was conducted from five-feet to termination depth of 22-feet. Collected soil samples were field screened utilizing head space methods with a calibrated PID to qualitatively determine the presence of VOCs. Soils from 7.5 to 17.5-feet below relative grade exhibited elevated PID responses of 3 to 5.7 ppm. The well was completed at the ground surface with a flush-to-grade, bolt down, traffic-rated road box set in concrete surround.



Installing MW-6R

Drill cuttings as well as development water were containerized in 55-gallon, steel drums. The drums were later disposed of as F001 hazardous waste solid and liquid respectively on December 11, 2018. The waste was transported and disposed of by Veolia ES Technical Solutions. Waste disposal documentation has been included in Attachment G.

10.0 -MONITORING WELL SAMPLING

Following installation and development, newly installed well MW-6R and other available wells from The Site monitoring well network were sampled on September 5, 2018 and April 11, 2019. Well sampling

efforts consisted of gauging, purging, monitoring parameters and sampling of six (6) accessible and functioning monitoring wells for site-specific VOCs via EPA Method 8260. Additionally, and during the September sampling event water samples were also analyzed for emerging contaminants: Perfluorinated Alkyl Substances via Method 537 Modified and 1,4 Dioxane via method 8270 SIM.

10.1 -Well Gauging Summary

Six (6) monitoring wells: MW-2, MW-3, MW-4. MW-5, MW-6R, and MW-8, were gauged on September 5, 2018 and again on April 11, 2019 using an optical interface probe. Well location detail has been included in Figure 9. Each well was also gauged to determine the depth to groundwater at each location. The observed depth to water measurements ranged from 6.19-feet to 9.55-feet and 5.85-feet to 11.05-feet during the September and April events respectively. The well gauging data for the events are summarized in the attached Tables 1 and 1A.

10.2 -Groundwater Sampling Protocols

Following gauging each well was purged using low flow methods until a minimum of three well volumes was removed or when equilibrium was reached with respect to the following physical parameter: including pH, Temperature, Total Dissolved Solids, Dissolved Oxygen, Turbidity, Oxidation Reduction Potential and Conductivity. Purging was completed using dedicated high-density polyethylene (HDPE) tubing and a peristaltic pump. Following purge, the wells were allowed to recharge and sampled for laboratory analysis by Method 8260 with select wells also sampled for Method 537 Modified and 8270 SIM. Purge water was containerized in a 55-gallon drum and was disposed at a later date. Waste disposal documentation has been included in Attachment G.

PFAS samples were collected under both NYSDEC Sampling Guidelines and Protocols and PFC Groundwater Samples from Monitoring Wells Sample Protocol, which includes but is not limited to the use of HDPE or Polypropylene bottles, separate coolers, HDPE tubing, nitrile gloves and non-waterproof clothing. VOC and 1,4 Dioxane samples were obtained by aseptic techniques, placed into clean glassware provided by the analytical laboratory, labeled, and placed on iced storage for subsequent submission under chain of custody to TestAmerica Laboratories, Inc.

10.3 -Laboratory Analytical Results

Laboratory analytical data with respect to site specific cVOCs for both the September and the April monitoring event have been tabulated and summarized in Tables 7 and 8 respectively. Complete laboratory reports have been included in Attachment H. Site specific cVOCs were detected in monitoring wells during both events. Concentrations of PCE at MW-6R detected in the April event (68 ug/L) are significantly lower than that recorded during the September event where 1,300 ug/L were reported. PCE breakdown products were elevated in April relative those reported in September.

Table 7A includes a summary of laboratory analytical results for the 8270 SIM analysis. As shown in this table, 1,4 Dioxane was detected in MW-4 at a concentration of 0.58 ug/L.

As the attached Table 7B indicates, all sampled monitoring wells contained constituents of concern above laboratory detection limits for analysis 537 Modified. There currently are no published groundwater standards for PFAS compounds. However, the NYSDEC does have internal screening values of 10 parts per trillion (ppt) for PFOA and PFOS each respectively. There are also screening values of 100 ppt for other individual PFAS compounds along with a screening value of 500 ppt for the total sum of all PFAS

family compounds present. Groundwater sampled from wells MW-2 and MW-3 contained concentrations of PFOS and PFOA above their respective screening values both individually and combined.

11.0 -DISCLAIMER:

Any statement or opinion contained in this Report prepared by Precision Environmental Services, Inc. (PES) shall not be construed to create any warranty or representation that the real or personal property on which the investigation was conducted is free of pollution or complies with any or all applicable regulatory or statutory requirements, or that the property is fit for any particular purpose. Unless otherwise indicated in this Report, PES did not independently determine the compliance of present or past owners of the site with federal, state or local laws and regulations. The conclusions presented in this Report were based upon the services described, within the time and budgetary constraints imposed by the client, and not on scientific tasks or procedures beyond the scope of those described services. PES shall not be responsible for conditions or consequences arising from any facts that were concealed, withheld or not fully disclosed by any person at the time the evaluation was performed.

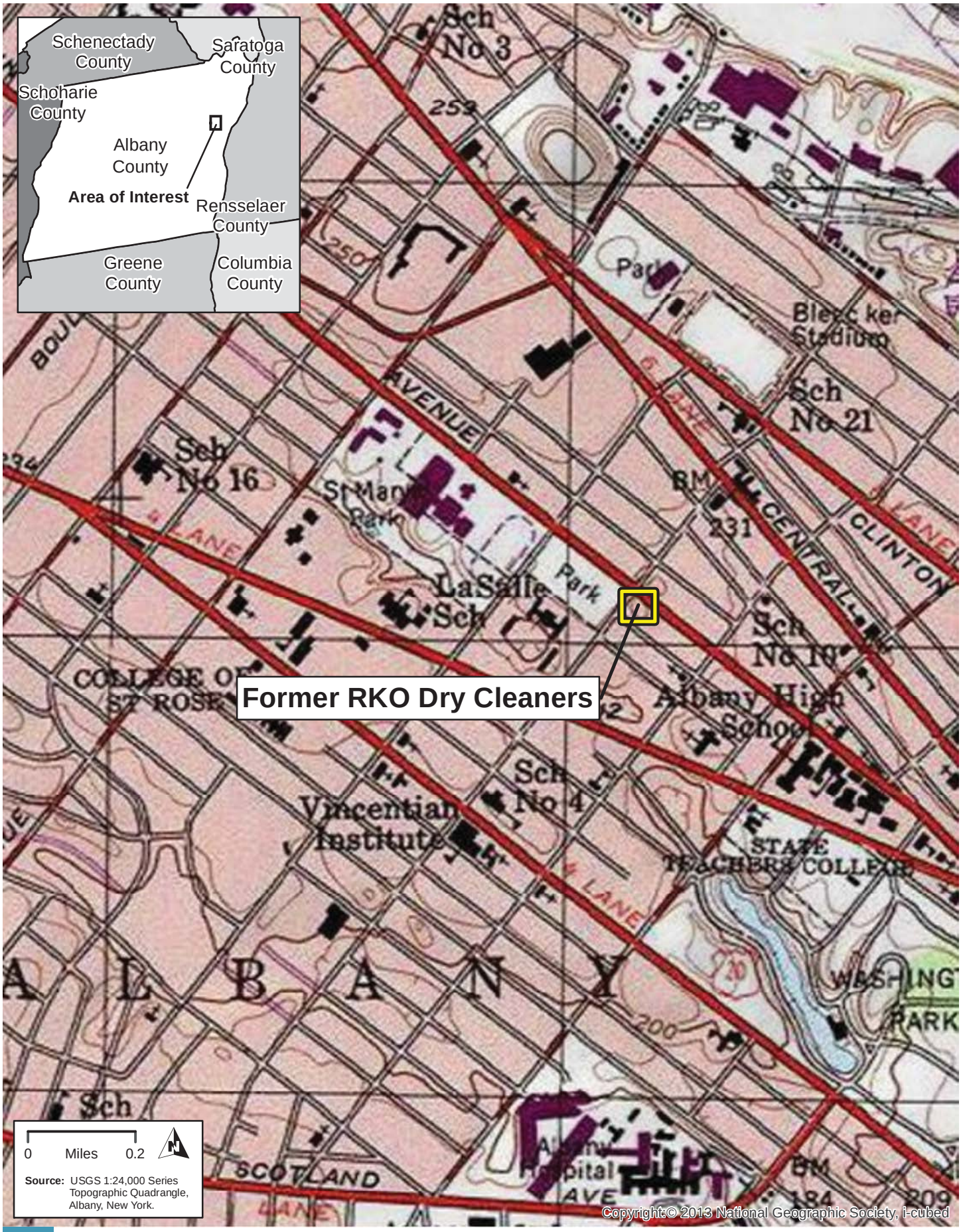
Any person or entity considering the acquisition, use or other involvement or activity concerning the property that is the subject of this Report shall be solely responsible for determining the adequacy of the property for any and all such purposes. The person or entity should enter into any such acquisition or use relying solely on its own judgment and personal investigation of the property, and not upon reliance of any representation by PES regarding the property or the character, quality or value thereof.

John Johnson, P.G.
Hydrogeologist

Stephen M. Phelps, P.G.
Project Manager

Enclosures
- Figures
- Tables
- Attachments

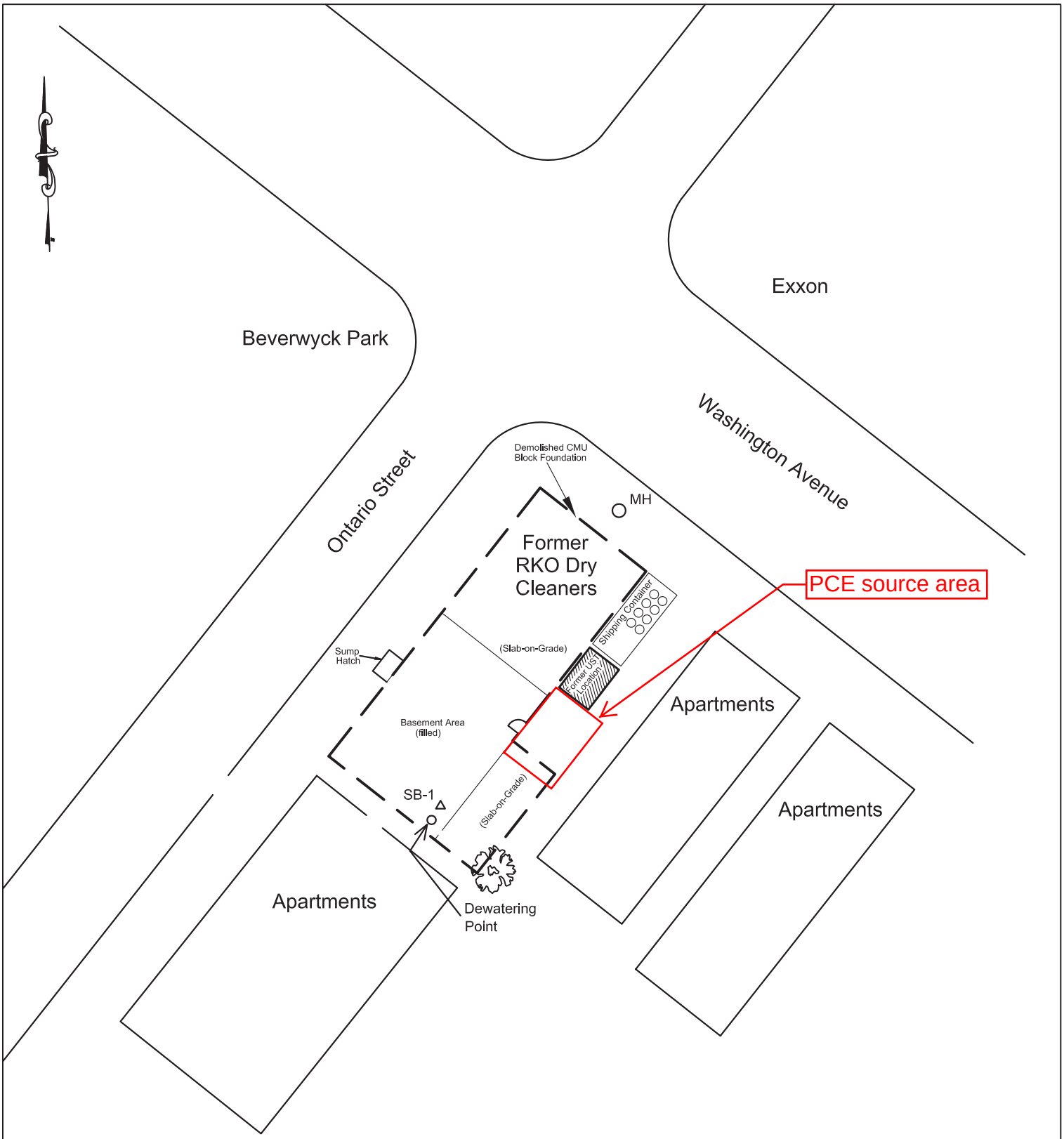
FIGURES



SITE LOCATION MAP

FORMER RKO DRY CLEANERS (NYSDEC SITE #401065)

FIGURE 1



Aztech Technologies, Inc.
5 McCrea Hill Road
Ballston Spa
New York 12020
Phone: 518-885-5383
Fax: 518-885-5385
www.aztechtech.com

SITE: **NYSDEC Site # 401065**
Former RKO Dry Cleaners
566 Washington Ave
Albany, New York

Figure 2

DATE: August, 2012 | Approximate Scale: 1" = 30'

Site Map

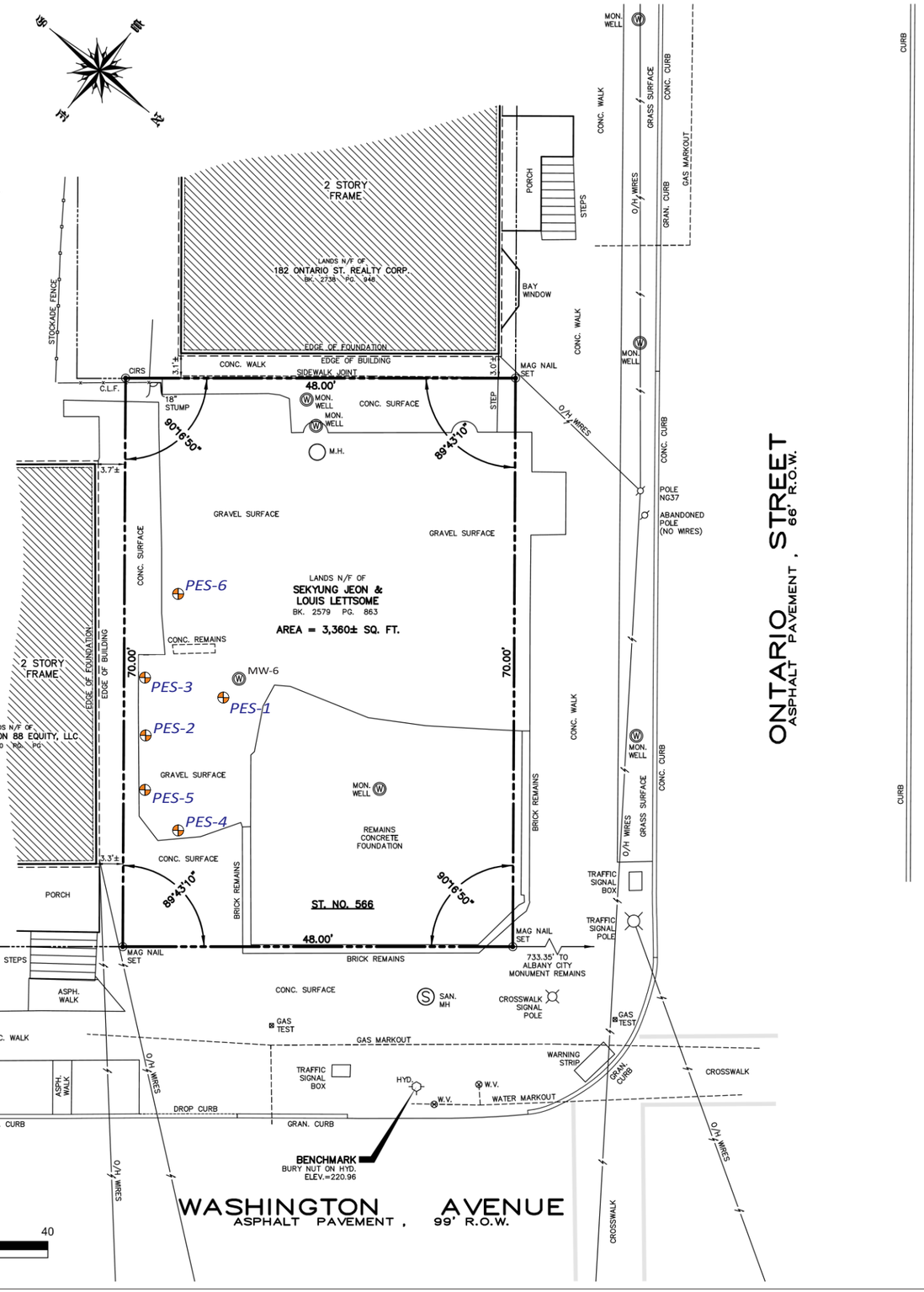
Legend:

SB-1 △ Sub-slab soil and groundwater sampling location

○ MH Sewer manhole (discharge of treated basement water)

NOTES:

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831 RT. 67,LOT 38A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416
CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

2017 SOIL BORINGS

FORMER RKO DRY CLEANERS

PROJECT #: NYSDEC SITE #401065	
LOCATION: 566 WASHINGTON AVE., ALBANY, NY	
DATE: 8/16/2017	**REVISED BY:** SMP
FIGURE: 3	**SCALE:** AS SHOWN

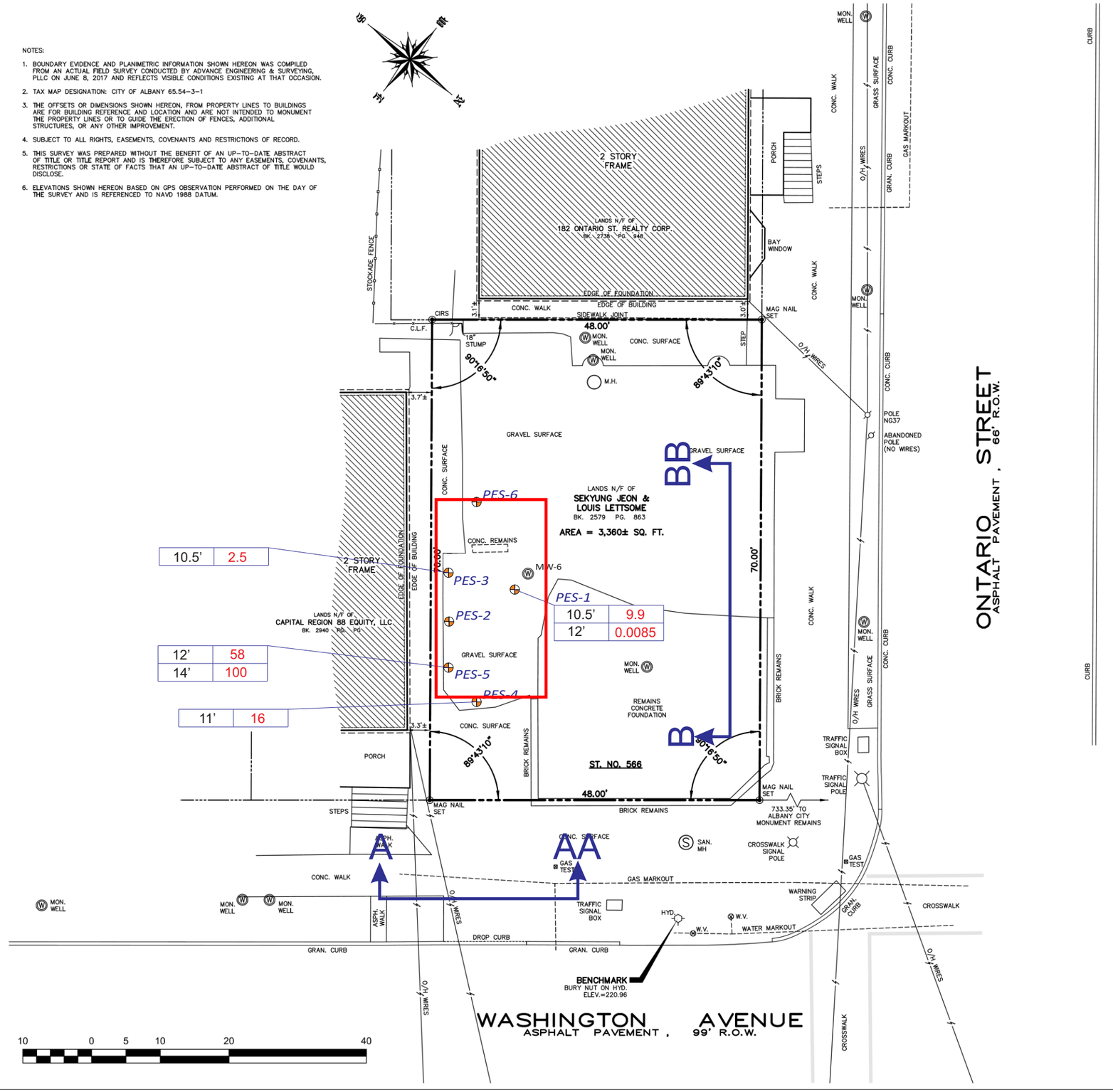
PES-1 *SOIL BORING*

NOTES:

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- ALL LOCATIONS ARE APPROXIMATE
- MAP TO BE USED FOR REFERENCE ONLY

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TETRACHLOROETHENE (PCE) IN SOILS

FORMER RKO DRY CLEANERS

PROJECT #: NYSDEC SITE #401065	
LOCATION: 566 WASHINGTON AVE., ALBANY, NY	
DATE: 8/16/2017	**REVISED BY:** SMP
FIGURE: 4	**SCALE:** AS SHOWN

PES-1 *SOIL BORING*

PROPOSED CUT

SOIL SAMPLE LAB SUMMARY

Depth	PCE
10.5'	1,954

NOTES:

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Graph Scale 1:1 (each box is 1/4 x 1/4 inch)

SCALE 1=1

RKO DRY CLEANERS

504 WASHINGTON BASEMENT

CONC.

15'

GRAVEL SEC.

FMR RKO FOUNDATION

SHORE BOX

PL

4

8

12

16

45° OF UN-DISTURBED EARTH MAINTAINED

8x8x8 SHORING BOX

58 PPM

100 PPM

41 PPM

CUT BOUNDARY

ACTUAL ANGLE DETERMINED BY REPOSE OF SOILS & ∇ *

ABLE TO REMOVE W/ SHORE BOX & MINIMAL ENGINEERING

MAY REMAIN DEPENDING ON REPOSE OF SOILS, ∇, & DEWATERING EFFORTS/SUCCESS - UNLESS, SHEETING IS DRIVEN

TO REMAIN UNLESS SHEETING IS DRIVEN

= 33x15x13 = 6,435 ft³ or 240 CY

= 990 ft³ or 37 CY

= 1,683 ft³ or 63 CY

BORING B-5

MW-6

*-CUT & FILL METHODS WILL BE UTILIZED TO MAXIMIZE CUT & DISPOSAL. IE: ONLY 1 BOX @ A TIME WILL BE CUT & FILLED SIMULTANEOUSLY. TIME OF OPEN CUT WILL BE KEPT TO MINIMUM

FIGURE 5

VIEW A - AA

Graph Scale 1:1 (each box is 1/4 x 1/4 inch)

SCALE: 1:1

D/CO DRY CLEANERS

ORIGINAL

EXT. BUNDARY

CONC. WALK ETC.

50% WASHINGTON AVE. BASEMENT

50% WASHINGTON BASEMENT

ACTUAL ANGLE DETERMINED BY REPOSE OF SOILS ∅ ∇

16ppm

58ppm

44ppm

41ppm

1ppm

140ppm

BORING PB-4

BORING PB-5

BORING

BORING PB-2

MW-6

BORING PB-1

BORING MP6

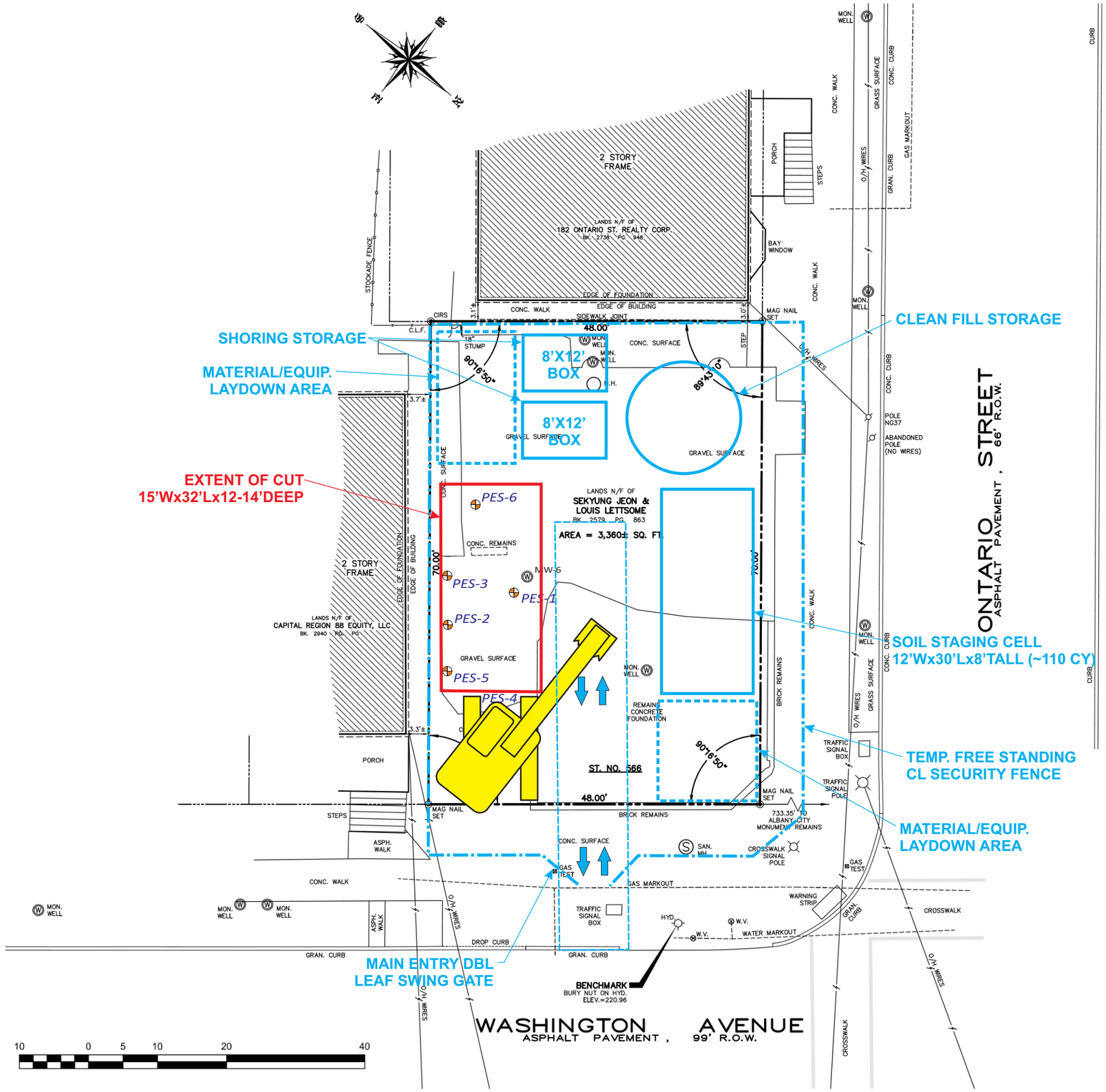
- ABLE TO REMOVE W/ SHORE BOX ∅ MIN. ENGINEERING

- MAY REMAIN UNLESS SHEETING DRIVEN

- PORTION WILL REMAIN UNLESS SHEETING DRIVEN

FIGURE 6

VIEW B-BB



PRECISION ENVIRONMENTAL SERVICES, INC.

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FAX: 518-885-4416

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SITE UTILIZATION PLAN

FORMER RKO DRY CLEANERS

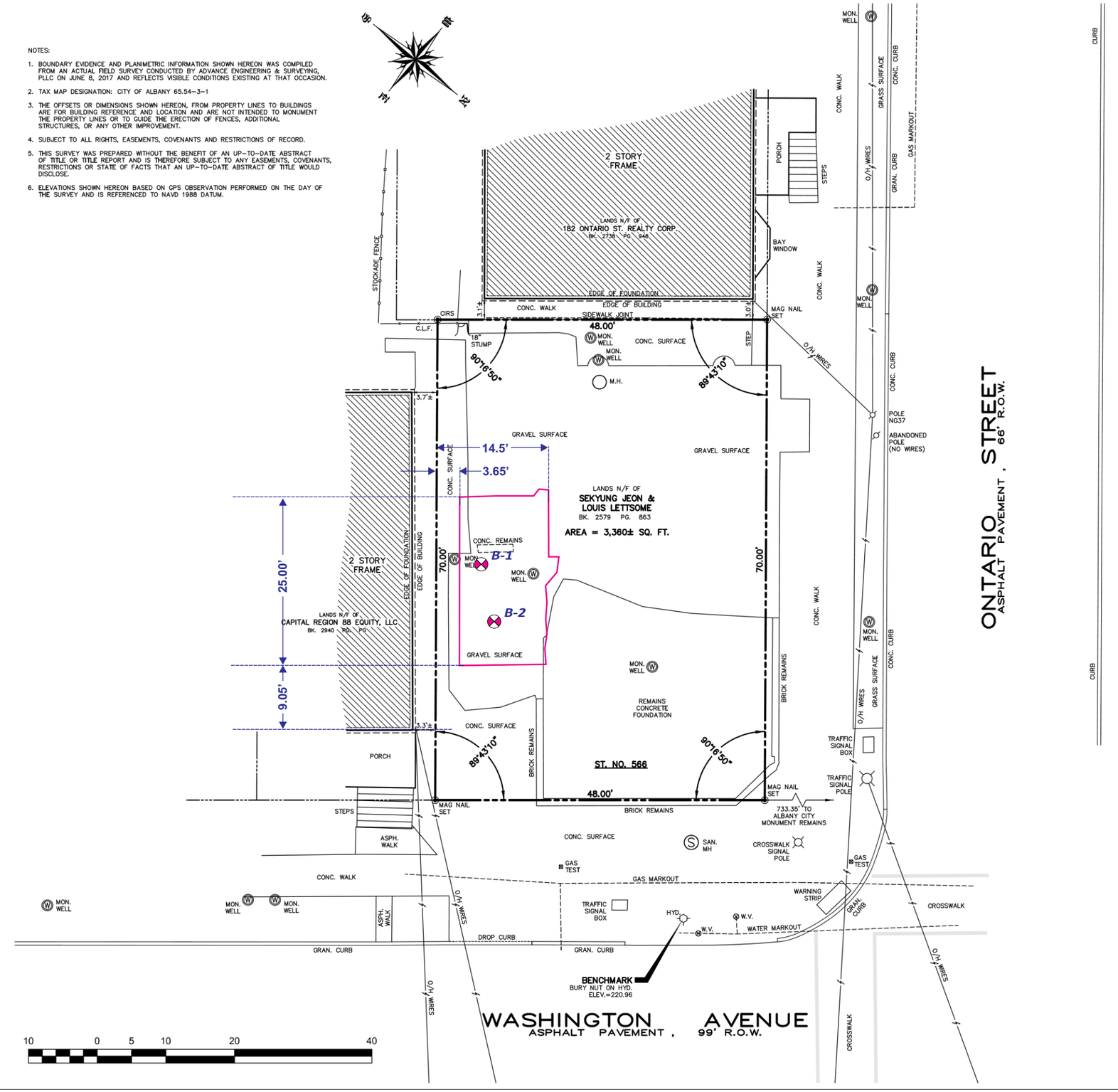
PROJECT #: NYSDEC SITE #401065	
LOCATION: 566 WASHINGTON AVE., ALBANY, NY	
DATE: 5/14/2018	**REVISED BY:** SMP
FIGURE: 7	**SCALE:** AS SHOWN

NOTES:

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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

EXCAVATION DETAIL

FORMER RKO DRY CLEANERS

PROJECT #: NYSDEC SITE #401065	
LOCATION: 566 WASHINGTON AVE., ALBANY, NY	
DATE: 6/5/18	**REVISED BY:** SMP
FIGURE: 8	**SCALE:** AS SHOWN

B-1 *POST EXCAVATION SAMPLE*

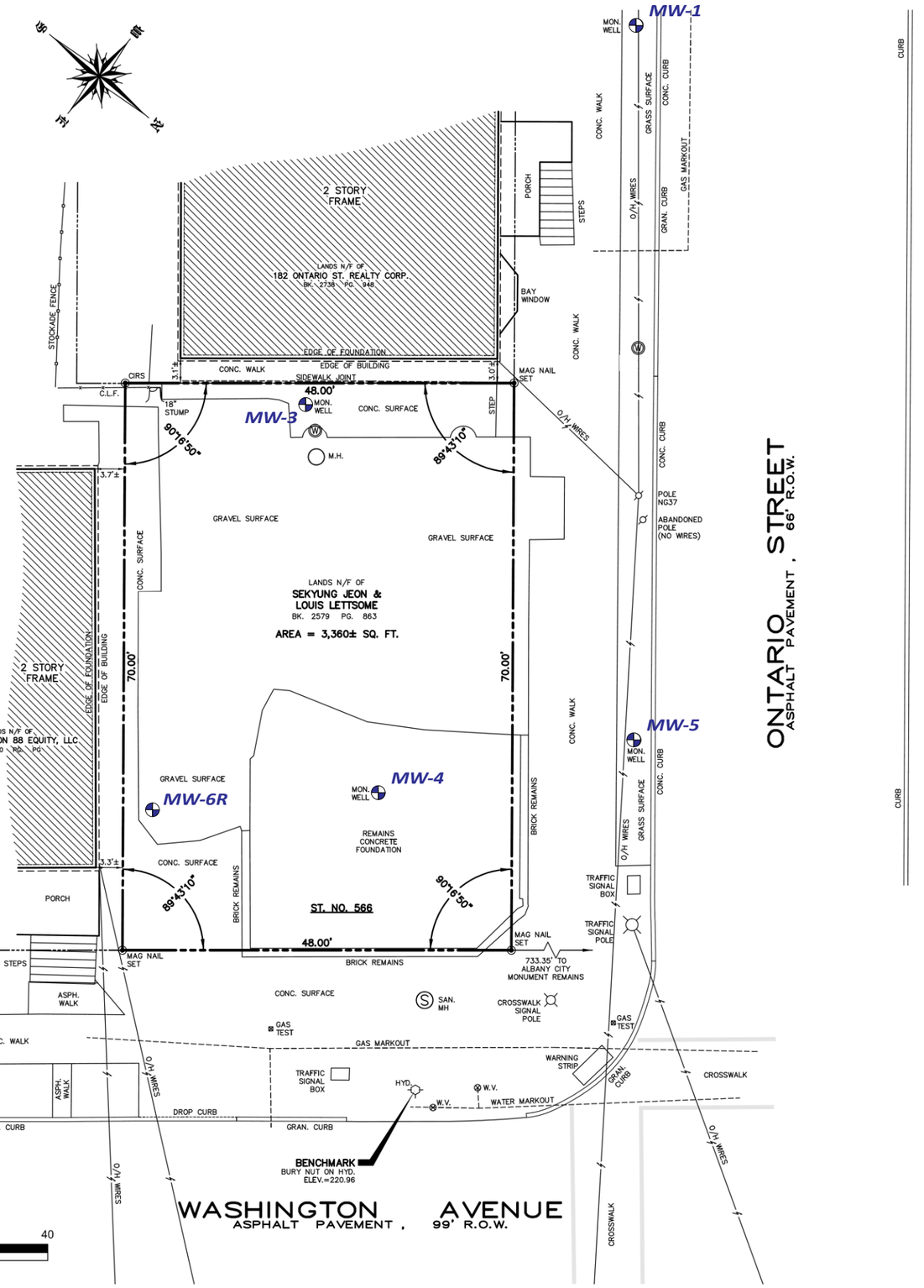
CUT BOUNDARY

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CERTIFIED WOMEN-OWNED BUSINESS ENTERPRISE

SITE PLAN WITH WELLS

FORMER RKO DRY CLEANERS

PROJECT #: NYSDEC SITE #401065	
LOCATION: 566 WASHINGTON AVE., ALBANY, NY	
DATE: 9/5/18	**REVISED BY:** SMP
FIGURE: 9	**SCALE:** AS SHOWN

MW-1 MONITORING WELL

NOTES:

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TABLES

Former RKO Dry Cleaners Site
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Groundwater Monitoring Well Gauging Data

Table 1

Well	Top of Casing*	Measured Depth to Water	Relative GW Elevation
MW-2	218.28	9.47	208.81
MW-3	221.76	7.09	214.67
MW-4	220.42	8.17	212.25
MW-5	219.44	6.19	213.25
MW-6R	N/A	9.21	N/A
MW-8	217.72	9.55	208.17
Date or gauging event - September 5, 2018 *Elevations as reported by HDR, February 2017			

Former RKO Dry Cleaners Site
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Groundwater Monitoring Well Gauging Data

Table 1A

Well	Top of Casing*	Measured Depth to Water	Relative GW Elevation
MW-2	218.28	7.70	210.58
MW-3	221.76	6.75	215.01
MW-4	220.42	7.30	213.12
MW-5	219.44	5.85	213.59
MW-6R	N/A	11.05	N/A
MW-8	217.72	10.00	207.72
Date or gauging event - April 11, 2019 *Elevations as reported by HDR, February 2017			

Former RKO Dry Cleaners
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Table 2

SSI Soil Analytical Summary

Analyte	Sample Identification						NYSDEC Part 375 Restricted Use - Protection of Groundwater - Cleanup Objective
	PES-1 10.5'	**PES-1 12'**	**PES-3 10.5'**	**PES-4 11'**	**PES-5 12'**	**PES-5 14'**	
Collection Date	6/27/2017	6/27/2017	6/27/2017	6/27/2017	6/27/2017	6/27/2017	
Volatiles - EPA 8260							
Tetrachloroethene	**9.9**	**0.0085**	**2.5**	**16**	**58**	**100**	*1.3*
Trichloroethene	**0.036**	ND	**0.0038** (J)	**1.4**	**1.8**	**17**	*0.47*
1,1-Dichloroethene	ND	ND	ND	**0.00064** (J)	ND	ND	*0.33*
cis-1,2-Dichloroethene	**0.0021** (J)	ND	ND	**0.021**	ND	ND	*0.25*
trans-1,2-Dichloroethene	ND	ND	ND	**0.00062** (J)	ND	ND	*0.19*
Vinyl Chloride	ND	ND	ND	ND	ND	ND	*0.02*

Laboratory analysis performed by TestAmerica Laboratories, Inc.
All results reported in mg/kg
Highlighted Value Exceeds Corresponding Soil Cleanup Objective
(J) - Laboratory data qualifier: Result is less than the RL (Reporting Limit) or equal to the MDL (Method Detection Limit) and the concentration is an approximate value.
ND = Not detected above the laboratories method detection limit

Former RKO Dry Cleaners
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Table 3

Post Excavation Soil Analytical Summary			
Analyte	Sample Identification		NYSDEC Part 375 Restricted Use - Protection of Groundwater -Cleanup Objective
	B-1 12.5'	**B-2 13.5'**	
Collection Date	5/31/2018	6/5/2018	
Volatiles - EPA 8260			
Tetrachloroethene	**47**	**11**	*1.3*
Trichloroethene	**0.25**	**3.2**	*0.47*
1,1-Dichloroethene	ND	ND	*0.33*
cis-1,2-Dichloroethene	ND	**0.22**	*0.25*
trans-1,2-Dichloroethene	ND	**0.025**	*0.19*
Vinyl Chloride	ND	ND	*0.02*

Laboratory analysis performed by Phoenix Environmental Laboratories, Inc.
All results reported in mg/kg
Highlighted Value Exceeds Corresponding Soil Cleanup Objective
(J) - Laboratory data qualifier: Result is less than the RL (Reporting Limit) or equal to the MDL (Method Detection Limit) and the concentration is an approximate value.
ND = Not detected above the laboratories method detection limit

Former RKO Dry Cleaners
566 Washington Ave., ALbany, NY
NYSDEC Site No.: 401065

Table 4

SOIL LABORATORY ANALYTICAL SUMMARY								
RKO Dry Cleaners Site	Sample ID	**NYSDEC Subpart 375-6 Remedial Program Soil Cleanup Objectives**						
			Restricted Use					
Rifenberg Hoffay's Pit, West Sand Lake, NY	Hoffays Pit		**Protection of Public Health**					
		Unrestricted Use	**Residential**	**Restricted Residential**	**Commercial**	**Industrial**	**Protection of Ecological Resources**	**Protection of Groundwater**
Sample Date	6/14/2018							
Parameter	Result							
Volatile Organic Compounds EPA 8260 - mg/kg								
1,2,4-Trimethylbenzene	ND	*3.6*	*47*	*52*	*190*	*380*	*NS*	*3.6*
1,3,5-Trimethylbenzene	ND	*8.4*	*47*	*52*	*190*	*380*	*NS*	*8.4*
1,1-Dichlorethene	ND	*0.33*	*100*	*100*	*500*	*1,000*	*NS*	*0.33*
1,1-Dichlorethane	ND	*0.27*	*19*	*26*	*240*	*480*	*NS*	*0.27*
1,1,1-Trichloroethane	ND	*0.68*	*100*	*100*	*500*	*1,000*	*NS*	*0.68*
1,2-Dichloroethane	ND	*0.02*	*2.3*	*3.1*	*30*	*60*	*10*	*0.02*
1,2-Dichlorobenzene	ND	*1.1*	*100*	*100*	*500*	*1,000*	*NS*	*1.1*
1,3-Dichlorobenzene	ND	*2.4*	*17*	*49*	*280*	*560*	*NS*	*2.4*
1,4-Dichlorobenzene	ND	*1.8*	*9.8*	*13*	*130*	*250*	*20*	*1.8*
1,4-Dioxane	ND	*0.1*	*9.8*	*13*	*130*	*250*	*0.1*	*0.1*
2-Butanone	ND	*0.12*	*100*	*100*	*500*	*1,000*	*100*	*0.3*
Acetone	ND	*0.05*	*100*	*100*	*500*	*1,000*	*2.2*	*0.05*
Benzene	ND	*0.06*	*2.9*	*4.8*	*44*	*89*	*70*	*0.06*
Carbon Tetrachloride	ND	*0.76*	*1.4*	*2.4*	*22*	*44*	*NS*	*0.76*
cis-1,2-Dichloroethene	ND	*0.25*	*59*	*100*	*500*	*1,000*	*NS*	*0.25*
Chlorobenzene	ND	*1.1*	*100*	*100*	*500*	*1,000*	*40*	*1.1*
Chloroform	ND	*0.37*	*10*	*49*	*350*	*700*	*12*	*0.37*
Ethylbenzene	ND	*1*	*30*	*41*	*390*	*780*	*NS*	*1*
Methylene Chloride	ND	*0.05*	*51*	*100*	*500*	*1,000*	*12*	*0.05*
MTBE	ND	*0.93*	*62*	*100*	*500*	*1,000*	*NS*	*0.93*
n-Butylbenzene	ND	*12*	*100*	*100*	*500*	*1,000*	*NS*	
n-Propylbenzene	ND	*3.9*	*100*	*100*	*500*	*1,000*	*NS*	*3.9*
sec-Butylbenzene	ND	*11*	*100*	*100*	*500*	*1,000*	*NS*	*11*
tert-Butylbenzene	ND	*5.9*	*100*	*100*	*500*	*1,000*	*NS*	*5.9*
Tetrachloroethene	ND	*1.3*	*5.5*	*19*	*150*	*300*	*2*	*1.3*
Toluene	ND	*0.7*	*100*	*100*	*500*	*1,000*	*36*	*0.7*
trans-1,2-Dichloroethene	ND	*0.19*	*100*	*100*	*500*	*1,000*	*NS*	*0.19*
Trichloroethene	ND	*0.47*	*10*	*21*	*200*	*400*	*2*	*0.47*
Vinyl Chloride	ND	*0.02*	*0.21*	*0.9*	*13*	*27*	*NS*	*0.02*

Notes:

All values are reported in mg/kg - parts per millions (ppm)

Analytical Facility - Phoenix Environmental Laboratories, Inc- Manchester, CT

ND indicates values reported below the laboratory minimum detection limits

Former RKO Dry Cleaners
566 Washington Ave., ALbany, NY
NYSDEC Site No.: 401065

Table 4

SOIL LABORATORY ANALYTICAL SUMMARY								
RKO Dry Cleaners Site	Sample ID	**NYSDEC Subpart 375-6 Remedial Program Soil Cleanup Objectives**						
			Restricted Use					
Rifenberg Hoffay's Pit, West Sand Lake, NY	Hoffays Pit		**Protection of Public Health**					
		Unrestricted Use	**Residential**	**Restricted Residential**	**Commercial**	**Industrial**	**Protection of Ecological Resources**	**Protection of Ground-water**
Sample Date	6/14/2018							
Parameter	Result							
Semi Volatile Organic Compounds EPA 8270 - mg/kg								
Acenaphthene	ND	*20*	*100*	*100*	*500*	*1,000*	*20*	*98*
Acenaphthylene	ND	*100*	*100*	*100*	*500*	*1,000*	*NS*	*107*
Anthracene	ND	*100*	*100*	*100*	*500*	*1,000*	*NS*	*1,000*
Benzo(a)anthracene	ND	*1*	*1*	*1*	*5.6*	*11*	*NS*	*1*
Benzo(a)pyrene	ND	*1*	*1*	*1*	*1*	*1.1*	*2.6*	*22*
Benzo(b)fluoranthene	ND	*1*	*1*	*1*	*5.6*	*11*	*NS*	*1.7*
Benzo(g,h,i)perylene	ND	*100*	*100*	*100*	*500*	*1,000*	*NS*	*1,000*
Benzo(k)fluoranthene	ND	*0.8*	*1*	*3.9*	*56*	*110*	*NS*	*1.7*
Chrysene	ND	*1*	*1*	*3.9*	*56*	*110*	*NS*	*1*
Dibenzo(a,h)anthracene	ND	*0.33*	*0.33*	*0.33*	*0.56*	*1.1*	*NS*	*1,000*
Dibenzofuran	ND	*7*	*14*	*59*	*350*	*1,000*	*NS*	*210*
Fluoranthene	ND	*100*	*100*	*100*	*500*	*1,000*	*NS*	*1,000*
Fluorene	ND	*30*	*100*	*100*	*500*	*1,000*	*30*	*386*
Hexachlorobenzene	ND	*0.33*	*0.33*	*1.2*	*6*	*12*	*NS*	*3.2*
Indeno(1,2,3-cd)pyrene	ND	*0.5*	*0.5*	*0.5*	*5.6*	*11*	*NS*	*8.2*
m-Cresol	ND	*0.33*	*100*	*100*	*500*	*1,000*	*NS*	*0.33*
o-Cresol	ND	*0.33*	*100*	*100*	*500*	*1,000*	*NS*	*0.33*
p-Cresol	ND	*0.33*	*34*	*100*	*500*	*1,000*	*NS*	*0.33*
Pentachlorophenol	ND	*0.8*	*2.4*	*6.7*	*6.7*	*55*	*0.8*	*0.8*
Phenol	ND	*0.33*	*100*	*100*	*500*	*1,000*	*30*	*0.33*
Naphthalene	ND	*12*	*100*	*100*	*500*	*1,000*	*NS*	*12*
Phenanthrene	ND	*100*	*100*	*100*	*500*	*1,000*	*NS*	*1,000*
Pyrene	ND	*100*	*100*	*100*	*500*	*1,000*	*NS*	*1,000*

Notes:

All values are reported in mg/kg - parts per millions (ppm)

Analytical Facility - Phoenix Environmental Laboratories, Inc- Manchester, CT

ND indicates values reported below the laboratory minimum detection limits

Former RKO Dry Cleaners
566 Washington Ave., ALbany, NY
NYSDEC Site No.: 401065

Table 4

SOIL LABORATORY ANALYTICAL SUMMARY								
RKO Dry Cleaners Site	Sample ID	**NYSDEC Subpart 375-6 Remedial Program Soil Cleanup Objectives**						
			Restricted Use					
Rifenberg Hoffay's Pit, West Sand Lake, NY	Hoffays Pit		**Protection of Public Health**					
		Unrestricted Use	**Residential**	**Restricted Residential**	**Commercial**	**Industrial**	**Protection of Ecological Resources**	**Protection of Ground-water**
Sample Date	6/14/2018							
Parameter	Result							
Organochlorine Pesticides EPA 8081B - mg/kg								
4,4´-DDD	ND	*0.0033*	*2.6*	*13*	*92*	*180*	*0.0033*	*14*
4,4´-DDE	ND	*0.0033*	*1.8*	*8.9*	*62*	*120*	*0.0033*	*17*
4,4´-DDT	ND	*0.0033*	*1.7*	*7.9*	*47*	*94*	*0.0033*	*136*
Aldrin	ND	*0.005*	*0.019*	*0.097*	*0.68*	*1.4*	*0.14*	*0.19*
alpha-BHC	ND	*0.02*	*0.097*	*0.48*	*3.4*	*6.8*	*0.04*	*0.02*
alpha-Chlordane	ND	*0.094*	*0.91*	*4.2*	*24*	*47*	*1.3*	*2.9*
beta-BHC	**0.00063**	*0.036*	*0.072*	*0.36*	*3*	*14*	*0.6*	*0.09*
delta-BHC	ND	*0.04*	*100*	*100*	*500*	*1,000*	*0.04*	*0.25*
Dieldrin	ND	*0.005*	*0.039*	*0.2*	*1.4*	*2.8*	*0.006*	*0.1*
Endosulfan I	ND	*2.4*	*4.8*	*24*	*200*	*920*	*NS*	*102*
Endosulfan II	ND	*2.4*	*4.8*	*24*	*200*	*920*	*NS*	*102*
Endosulfan sulfate	ND	*2.4*	*4.8*	*24*	*200*	*920*	*NS*	*1,000*
Endrin	ND	*0.014*	*2.2*	*11*	*89*	*410*	*0.014*	*0.06*
Lindane (gamma-BHC)	ND	*0.1*	*0.28*	*1.3*	*9.2*	*23*	*6*	*0.1*
Heptachlor	ND	*0.042*	*0.42*	*2.1*	*15*	*29*	*0.14*	*0.38*

Notes:

All values are reported in mg/kg - parts per millions (ppm)

Analytical Facility - Phoenix Environmental Laboratories, Inc- Manchester, CT

ND indicates values reported below the laboratory minimum detection limits

Former RKO Dry Cleaners
566 Washington Ave., ALbany, NY
NYSDEC Site No.: 401065

Table 4

SOIL LABORATORY ANALYTICAL SUMMARY								
RKO Dry Cleaners Site	Sample ID	**NYSDEC Subpart 375-6 Remedial Program Soil Cleanup Objectives**						
			Restricted Use					
Rifenberg Hoffay's Pit, West Sand Lake, NY	Hoffays Pit		**Protection of Public Health**					
		Unrestricted Use	**Residential**	**Restricted Residential**	**Commercial**	**Industrial**	**Protection of Ecological Resources**	**Protection of Ground-water**
Sample Date	6/14/2018							
Parameter	Result							
Chlorinated Herbicides Mod. EPA 8151A - mg/kg								
2,4,5-TP (Silvex)	ND	*3.8*	*58*	*100*	*500*	*1,000*	*NS*	*3.8*
Polychlorinated Biphenyls EPA 8082A - mg/Kg								
Total PCBs	ND	*0.1*	*1*	*1*	*1*	*25*	*1*	*3.2*
Metals mg/kg								
Arsenic	**6**	*13*	*16*	*16*	*16*	*16*	*13*	*16*
Barium	**106**	*350*	*350*	*400*	*400*	*10,000*	*433*	*820*
Beryllium	**0.71**	*7.2*	*14*	*72*	*590*	*2,700*	*10*	*47*
Cadmium	**0.052**	*2.5*	*2.5*	*4.3*	*9.3*	*60*	*4*	*7.5*
Chromium	**17.2**	*30*	*36*	*180*	*1500*	*6800*	*41*	*NS*
Copper	**21.2**	*50*	*270*	*270*	*270*	*10,000*	*50*	*1,720*
Lead	**16.1**	*63*	*400*	*400*	*1,000*	*3,900*	*63*	*450*
Manganese	**541**	*1600*	*2,000*	*2,000*	*10,000*	*10,000*	*1600*	*2,000*
Nickel	**21.6**	*30*	*140*	*310*	*310*	*10,000*	*30*	*130*
Selenium	ND	*3.9*	*36*	*180*	*1,500*	*6,800*	*3.9*	*4*
Silver	ND	*2*	*36*	*180*	*1,500*	*6,800*	*2*	*8.3*
Zinc	**52.2**	*109*	*2200*	*10,000*	*10,000*	*10,000*	*109*	*2,480*
Mercury	**0.016**	*0.18*	*0.81*	*0.81*	*2.8*	*5.7*	*0.18*	*0.73*
Trivalent Chromium	**17.2**	*30*	*36*	*180*	*1500*	*6800*	*41*	*NS*
Hexavalent Chromium	ND	*1*	*22*	*110*	*400*	*800*	*1*	*19*
Cyanide	ND	*27*	*27*	*27*	*27*	*10,000*	*NS*	*40*

Notes:

All values are reported in mg/kg - parts per millions (ppm)

Analytical Facility - Phoenix Environmental Laboratories, Inc- Manchester, CT

ND indicates values reported below the laboratory minimum detection limits

RKO Dry Cleaners
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Table 5

RKO Dry Cleaners									
CAMP Monitoring - Particulates									
UpWind Station (near Ontario Street)						**DownWind Station (near Ontario Street)**			
Instrument Name	DustTrak DRX	DustTrak DRX	DustTrak DRX	DustTrak DRX		Instrument Name	DustTrak DRX	DustTrak DRX	DustTrak DRX	DustTrak DRX
Model Number	15843	15843	15843	15843		Model Number	15843	15843	15843	15843
Serial Number	8530100906	8530100906	8530100906	8530100906		Serial Number	8530100906	8530100906	8530100906	8530100906
Firmware Version	3.5	3.5	3.5	3.5		Firmware Version	3.5	3.5	3.5	3.5
Calibration Date	5/21/2018	5/21/2018	5/21/2018	5/21/2018		Calibration Date	5/21/2018	5/21/2018	5/21/2018	5/21/2018
Test Name	Test 001	Test 002	Test 003	Test 004		Test Name	Test 001	Test 002	Test 003	Test 004
Test Start Time	8:48:00 AM	8:45:00 AM	8:42:00 AM	9:39:00 AM		Test Start Time	8:48:00 AM	8:45:00 AM	8:42:00 AM	9:39:00 AM
Test Start Date	**5/29/2018**	**5/30/2008**	**5/31/2018**	**6/4/2018**		**Test Start Date**	**5/29/2018**	**5/30/2008**	**5/31/2018**	**6/4/2018**
Test Length [D:H:M]	0:03:00	0:03:00	0:05:30	0:05:00		Test Length [D:H:M]	0:03:00	0:03:00	0:05:30	0:05:00
Test Interval [M:S]	1.25	1.25	1.25	1.25		Test Interval [M:S]	1.25	1.25	1.25	1.25
Average [mg/m3]	0.082	0.041	0.039	0.026		Average [mg/m3]	0.082	0.041	0.039	0.026
Minimum [mg/m3]	0.068	0.028	0.03	0.006		Minimum [mg/m3]	0.068	0.028	0.03	0.006
Maximum [mg/m3]	0.109	0.059	0.055	0.061		Maximum [mg/m3]	0.109	0.059	0.055	0.061
TWA [mg/m3]	0.031	0.015	0.027	0.016		TWA [mg/m3]	0.031	0.015	0.027	0.016
Errors						Errors				
Number of Samples	6	6	11	10		Number of Samples	6	6	11	10

RKO Dry Cleaners
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Table 5A

RKO Dry Cleaners								
CAMP Monitoring - VOCs via PID								
UpWind Station (near Ontario Street)					**DownWind Station (near Ontario Street)**			
Instrument Name	MiniRAE 3000	MiniRAE 3001	MiniRAE 3003		Instrument Name	MiniRAE 3000	MiniRAE 3001	MiniRAE 3003
Model Number	PGM-7320	PGM-7320	PGM-7320		Model Number	PGM-7320	PGM-7320	PGM-7320
Serial Number	592-915116	592-915116	592-915116		Serial Number	592-000868	592-000868	592-000868
Firmware Version	V1.20B	V1.20B	V1.20B		Firmware Version	V1.03	V1.03	V1.03
Calibration Date	5/21/2018	5/21/2018	5/21/2018		Calibration Date	5/21/2018	5/21/2018	5/21/2018
Test Name	18/05/29 09:03	18/05/30 09:08	18/06/04 10:03		Test Name	18/05/31 08:53	18/06/01 08:55	18/06/04 09:41
Test Start Time	9:03:00 AM	9:08:00 AM	10:03:00 AM		Test Start Time	8:53:00 AM	8:55:00 AM	9:41:00 AM
Test Start Date	**5/29/2018**	**5/30/2008**	**6/4/2018**		**Test Start Date**	**5/31/2019**	**6/1/2018**	**6/4/2018**
Test Length [D:H:M]	0:03:00	0:03:30	0:05:15		Test Length [D:H:M]	0:06:00	0:02:30	0:06:00
Test Interval [M:S]	0:01	0:01	0:01		Test Interval [M:S]	0:01	0:01	0:01
Peak (ppm)	0	0	0.392		Peak (ppm)	1	119	1
Minimum (ppm)	0	0	0		Minimum (ppm)	0	0	0
Average (ppm)	0	0	0.002		Average (ppm)	0	2	0
Errors					Errors			
Number of Samples	199	210	314		Number of Samples	360	156	324

Former RKO Dry Cleaners
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Table 6

Groundwater Analytical Summary			
Analyte	Sample Identification		***Part 703 Groundwater Satandard***
	Groundwater 01 (Raw Water)	**Effluent Sample (Filtered Water)**	
Collection Date	6/8/2018	7/13/2018	
Volatiles - EPA 8260			
Tetrachloroethene	**5,200**	ND	*5*
Trichloroethene	**32**	ND	*5*
1,1-Dichloroethene	ND	ND	*5*
cis-1,2-Dichloroethene	**65**	ND	*5*
trans-1,2-Dichloroethene	ND	ND	*5*
Vinyl Chloride	ND	ND	*2*

Laboratory analysis performed by Phoenix Environmental Laboratories, Inc.
All results reported in ug/L
Highlighted Value Exceeds Corresponding Groundwater Standard
ND = Not detected above the laboratories method detection limit

Former RKO Dry Cleaners
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Table 7

Groundwater Analytical Summary - September 5, 2018							
Analyte	Sample Identification						***Part 703 Groundwater Satandard***
	MW-2	**MW-3**	**MW-4**	**MW-5**	**MW-6R**	**MW-8**	
Collection Date	9/5/2018	9/5/2018	9/5/2018	9/5/2018	9/5/2018	9/5/2018	
Volatiles - EPA 8260							
Tetrachloroethene	**15**	**81**	**1**	**74**	**1,300**	ND	*5*
Trichloroethene	ND	**18**	ND	**14**	**92**	ND	*5*
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	*5*
cis-1,2-Dichloroethene	ND	**15**	**66**	**16**	**29**	ND	*5*
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	*5*
Vinyl Chloride	ND	ND	**3.6**	**13**	ND	ND	*2*

Laboratory analysis performed by Phoenix Environmental Laboratories, Inc.
All results reported in ug/L
Highlighted Value Exceeds Corresponding Groundwater Standard
ND = Not detected above the laboratories method detection limit

Fmr RKO Dry Cleaners
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Summary of Groundwater Analytical Results: 1,4-Dioxane

Table 7A

Compound	MW-2	MW-3	MW-4	MW-6R	NYSDEC Proposed MCL
Method: 8270D SIM	9/5/2018	9/5/2018	9/5/2018	9/5/2018	
1,4-Dioxane	ND	ND	**0.58**	ND	**1.0 ppb**

NOTES:
- All results reported in ug/L (Parts per billion)
- Analysis performed by TestAmerica Environmental Laboratories, Inc via Eurofins Lancaster Laboratory
- ND = Not Detected above method detection limit (0.20 ppb)

Fmr RKO Dry Cleaners
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Summary of Groundwater Analytical Results: 1,4-Dioxane

Table 7B

Compound	Site Sample Locations				NYSDEC Internal Screening Levels (Until EC Standards are Finalized)
	MW-2	**MW-3**	**MW-4**	**MW-6R**	
Sample Date	9-5-18	9-5-18	9-5-18	9-5-18	
Perfluorinated Alkyl Substances (Method 537, 1.1 Modified)					
6:2-Fts	**2.6**	**2.2**	**6.4**	**4.3**	100
8:2-Fts	ND	ND	ND	ND	100
N-ethyl perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ND	ND	100
N-methyl perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ND	ND	100
Perfluorobutanesulfonic Acid (PFBS)	**14**	**5.8**	**0.29**	**0.73**	100
Perfluorobutanoic Acid (PFBA)	**11**	**14**	**2.8**	**8.3**	100
Perfluorodecanesulfonic acid (PFDS)	ND	ND	ND	ND	100
Perfluorodecanoic acid (PFDA)	**2.7**	**1.2**	ND	ND	100
Perfluorododecanoic acid (PFDoA)	ND	ND	ND	ND	100
Perfluoroheptanesulfonic Acid (PFHpS)	**0.9**	**0.99**	ND	ND	100
Perfluoroheptanoic acid (PFHpA)	**8.6**	**16**	**1.2**	**2.2**	100
Perfluorohexanesulfonic acid (PFHxS)	**4.8**	**4.4**	**0.43**	**0.47**	100
Perfluorohexanoic acid (PFHxA)	**16**	**18**	**1.9**	**3.8**	100
Perfluorononanoic acid (PFNA)	**2.8**	**2.7**	ND	**0.54**	100
Perfluorooctanesulfonamide (FOSA)	ND	ND	ND	ND	100
Perfluorooctanesulfonate Acid (PFOS)	**73**	**58**	**0.72**	**1.7**	10
Perfluorooctanoic acid (PFOA)	**30**	**32**	**2.1**	**5.2**	10
Perfluoropentanoic acid (PFPeA)	**21**	**18**	**2**	**4.9**	100
Perfluorotetradecanoic acid (PFTeA)	**0.42**	ND	ND	**0.72**	100
Perfluorotridecanoic ((PFTriA)	ND	ND	ND	ND	100
Perfluoroundecanoic acid (PFUnA)	ND	ND	ND	ND	100
EPA Health Advisory Level for Drinking Water (For Comparision, Combined PFOS and PFOA)	**103.00**	**90.00**	**2.82**	**6.90**	70.00 PPT
Total PFAS (incl. PFOA/PFOS)	**187.82**	**173.29**	**17.84**	**32.86**	500.00 PPT

NOTES:
- All results reported in ng/L (Parts Per Trillion, PPT)
- Highlighted values exceed NYSDEC's Internal "Screening Levels"
- ND = Not Detected above method detection limit

Former RKO Dry Cleaners
566 Washington Ave., Albany, NY
NYSDEC Site No.: 401065

Table 8

Groundwater Analytical Summary - Aprill 11, 2019								
Analyte	Sample Identification							***Part 703 Groundwater Satandard***
	MW-1	**MW-2**	**MW-3**	**MW-4**	**MW-5**	**MW-6R**	**MW-8**	
Collection Date	4/11/2019	4/11/2019	4/11/2019	4/11/2019	4/11/2019	4/11/2019	4/11/2019	
Volatiles - EPA 8260								
Tetrachloroethene	ND	**11**	**31**	**0.57**	**20**	**68**	ND	*5*
Trichloroethene	ND	ND	**5.6**	**0.5**	**3.6**	**88**	ND	*5*
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	*5*
cis-1,2-Dichloroethene	ND	**3**	**4.7**	**45**	**5.8**	**1,200**	**1.5**	*5*
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	*5*
Vinyl Chloride	ND	ND	ND	**4**	**9**	ND	ND	*2*

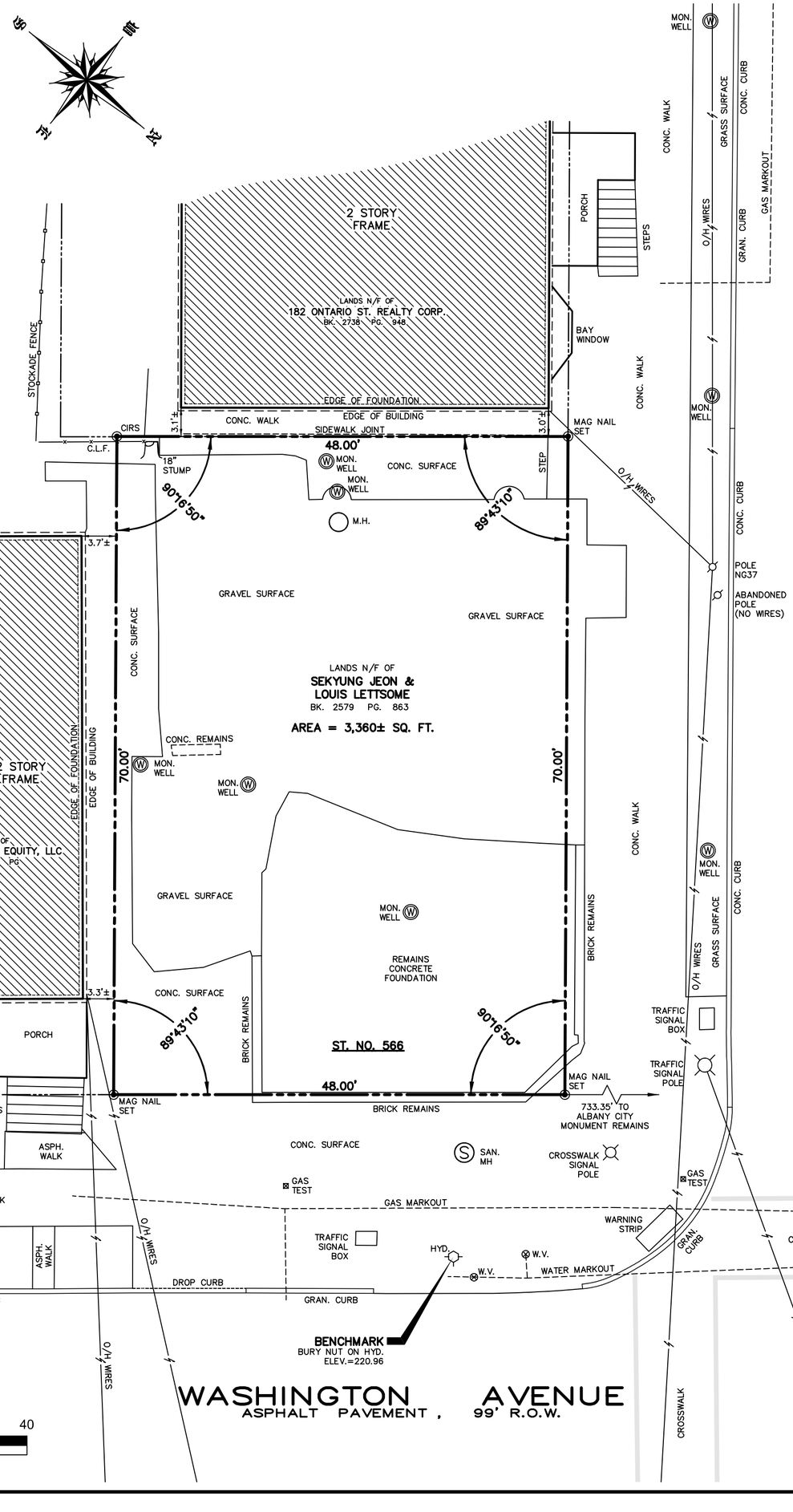
Laboratory analysis performed by Phoenix Environmental Laboratories, Inc.
All results reported in ug/L
Highlighted Value Exceeds Corresponding Groundwater Standard
ND = Not detected above the laboratories method detection limit

ATTACHMENT A

PRECISION
ENVIRONMENTAL SERVICES, INC.

NOTES:

1. BOUNDARY EVIDENCE AND PLANIMETRIC INFORMATION SHOWN HEREON WAS COMPILED FROM AN ACTUAL FIELD SURVEY CONDUCTED BY ADVANCE ENGINEERING & SURVEYING, PLLC ON JUNE 8, 2017 AND REFLECTS VISIBLE CONDITIONS EXISTING AT THAT OCCASION.
2. TAX MAP DESIGNATION: CITY OF ALBANY 65.54-3-1
3. THE OFFSETS OR DIMENSIONS SHOWN HEREON, FROM PROPERTY LINES TO BUILDINGS ARE FOR BUILDING REFERENCE AND LOCATION AND ARE NOT INTENDED TO MONUMENT THE PROPERTY LINES OR TO GUIDE THE ERECTION OF FENCES, ADDITIONAL STRUCTURES, OR ANY OTHER IMPROVEMENT.
4. SUBJECT TO ALL RIGHTS, EASEMENTS, COVENANTS AND RESTRICTIONS OF RECORD.
5. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN UP-TO-DATE ABSTRACT OF TITLE OR TITLE REPORT AND IS THEREFORE SUBJECT TO ANY EASEMENTS, COVENANTS, RESTRICTIONS OR STATE OF FACTS THAT AN UP-TO-DATE ABSTRACT OF TITLE WOULD DISCLOSE.
6. ELEVATIONS SHOWN HEREON BASED ON GPS OBSERVATION PERFORMED ON THE DAY OF THE SURVEY AND IS REFERENCED TO NAVD 1988 DATUM.



UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

ONLY COPIES FROM THE ORIGINAL OF THIS SURVEY MARKED WITH AN ORIGINAL OF THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED VALID TRUE COPIES.

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ADVANCE ENGINEERING & SURVEYING, PLLC
ALL RIGHTS RESERVED.
UNAUTHORIZED DUPLICATION IS A VIOLATION OF APPLICABLE LAWS.

It is a violation of the Education Law of the State of New York, for any person, unless he is acting under the direction of a Licensed Professional Engineer, to alter this document in any way.

Design of:
ADVANCE ENGINEERING & SURVEYING, PLLC
CONSULTING ENGINEERING
CIVIL & ENVIRONMENTAL ENGINEERING
LAND SURVEYING & DEVELOPMENT
COMMERCIAL AND RESIDENTIAL
11 HERBERT DRIVE, LATHAM, N.Y. 12110
PHONE: (518) 859-4153
E-MAIL: jpetruccols@gmail.com
JOHN PAUL PETRUCCO, L.S.

SURVEY MAP OF LANDS
LOCATED AT
ST. NO. 566 WASHINGTON AVENUE

CITY OF ALBANY
COUNTY OF ALBANY STATE OF NEW YORK

SCALE : 1" = 20'

DATE: JUNE 26, 2017

SHEET 1 OF 1

SHEET NO.
SU-1

ATTACHMENT B

PRECISION
ENVIRONMENTAL SERVICES, INC.

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **PES-1**

Project: RKO Dry Cleaners Client: NYSDEC Central Office
Spill No: Site # Location: 566 Washington Ave., Albany, NY
Driller: M. Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/27/17 Date Developed: -
TOC Elevation: Total Depth of Hole: 12'
Boring Diameter: 2.25" Screen Diameter: Length:
Slot Size: Riser Diameter: Length:
Type: Sand Pack: Bentonite Seal:
Protective Casing:

Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		100	NA	ND	Lt Gy Crushed Stone (f GRAVEL and f SAND Mix with Silt)
					Br f SAND and f GRAVEL, trace Silty Clay
4					Br, med. stiff CLAY with f SAND lenses to very soft, plastic CLAY
		80	NA	3	
				7	Gy mottled at 6'
8	▽			26	Gy, SILT with trace Clay, c Sand & f Gravel, wet to sat
		71	NA	44	
				* 72	Br, SILT with lenses of Clay, sat
12				* ND	Br, SILT, sat Gy, very soft, plastic, CLAY to Gy SILT with little CLay
					Boring terminated at 12'
16					* - Sample collected for laboratory analysis at 10.5' and 12' depth
20					
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **PES-2**

Project: RKO Dry Cleaners Client: NYSDEC Central Office
Spill No: Site # Location: 566 Washington Ave., Albany, NY
Driller: M. Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/27/17 Date Developed: -
TOC Elevation: Total Depth of Hole: 13'
Boring Diameter: 2.25" Screen Diameter: Length:
Slot Size: Riser Diameter: Length:
Type: Sand Pack: Bentonite Seal:
Protective Casing:

Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		100	NA	ND	Lt Gy Crushed Stone (f GRAVEL and f SAND Mix with Silt)
4		100	NA	ND	Br, med. stiff SILTY CLAY, trace c Sand and f Gravel
8	▽	20	NA	4.2	Saturated
12		100	NA		Refusal at 13'
16					
20					
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
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BALLSTON SPA, NY 12020
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FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **PES-3**

Project: RKO Dry Cleaners Client: NYSDEC Central Office
Spill No: Site # Location: 566 Washington Ave., Albany, NY
Driller: M. Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/27/17 Date Developed: -
TOC Elevation: Total Depth of Hole: 12'
Boring Diameter: 2.25" Screen Diameter: Length:
Slot Size: Riser Diameter: Length:
Type: Sand Pack: Bentonite Seal:
Protective Casing:

Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		100	NA	ND	Lt Gy Crushed Stone (f GRAVEL and f SAND Mix with Silt)
4		100	NA	ND	Br and Gy laminated SILT and SILTY CLAY
8	▽	100	NA	ND	Lense of br, plastic CLAY, moist to wet Br SILTY CLAY, wet
12				* 25 ND	Br SILT, saturated Gy laminated SILTY CLAY and soft, plastic CLAY
16					Boring terminated at 12' *- Sample collected for laboratory analysis at 10.5' depth
20					
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **PES-4**

Project: RKO Dry Cleaners Client: NYSDEC Central Office
Spill No: Site # Location: 566 Washington Ave., Albany, NY
Driller: M. Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/27/17 Date Developed: -
TOC Elevation: Total Depth of Hole: 12'
Boring Diameter: 2.25" Screen Diameter: Length:
Slot Size: Riser Diameter: Length:
Type: Sand Pack: Bentonite Seal:
Protective Casing:

Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		100	NA	ND	Lt Gy Crushed Stone (f GRAVEL and f SAND Mix with Silt)
					Br and Gy laminated SILT and SILTY CLAY
4		100	NA	ND	Br, plastic CLAY, moist
	▽				Br SILTY CLAY, wet to saturated
8		80	NA	ND 9 * 12	Gy to Br SILT, saturated
12				ND	Gy laminated SILT and soft, plastic CLAY
					Boring terminated at 12'
16					*- Sample collected for laboratory analysis at 11' depth
20					
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **PES-5**

Project: RKO Dry Cleaners Client: NYSDEC Central Office
Spill No: Site # Location: 566 Washington Ave., Albany, NY
Driller: M. Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/27/17 Date Developed: -
TOC Elevation: _____ Total Depth of Hole: 16'
Boring Diameter: 2.25" Screen Diameter: _____ Length: _____
Slot Size: _____ Riser Diameter: _____ Length: _____
Type: _____ Sand Pack: _____ Bentonite Seal: _____
Protective Casing: _____

Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		100	NA	ND	Lt Gy Crushed Stone (f GRAVEL and f SAND Mix with Silt)
					Br and Gy laminated SILT and SILTY CLAY
4		100	NA	ND	Br, plastic CLAY, moist
8	▽	80	NA	12	Gy SILT, wet
				8.5	Gy SILT, trace Clay, saturated
12		100	NA	* 18	Gy laminated SILTY CLAY and soft, plastic CLAYEY SILT, saturated
				* 10	
16				3.2	
					Boring terminated at 16'
					* - Samples collected for laboratory analysis at 12' and 14' depth
20					
24					
28					

PRECISION
ENVIRONMENTAL SERVICES, INC.
831 RT. 67, LOT 38 A
BALLSTON SPA, NY 12020
TEL: 518-885-4399
FAX: 518-885-4416

DRILLING LOG

Well/ Boring No.: **PES-6**

Project: RKO Dry Cleaners Client: NYSDEC Central Office
Spill No: Site # Location: 566 Washington Ave., Albany, NY
Driller: M. Dudley Logged by: S. Phelps
Drilling Contractor: PES Drilling Method: Geoprobe - Direct Push
Date Drilled: 6/27/17 Date Developed: -
TOC Elevation: Total Depth of Hole: 2'
Boring Diameter: 2.25" Screen Diameter: Length:
Slot Size: Riser Diameter: Length:
Type: Sand Pack: Bentonite Seal:
Protective Casing:

Depth (ft.)	Well Construction	% Recovery	Sample Type/No.	PID (ppm)	Description / Soil Classification
0		100	NA	ND	Lt Gy Crushed Stone (f GRAVEL and f SAND Mix with Silt) to Concrete
4					Refusal at 16'
8					
12					
16					
20					
24					
28					

ATTACHMENT C

PRECISION
ENVIRONMENTAL SERVICES, INC.

NYLD **Infrastructure**

NEW YORK LEAK DETECTION, INC.
PO Box 269 Jamesville, NY 13078
315-469-4601 info@nyld.com

Field Report – Utility Location

Date(s) on site: 5/21/2018

Technician: Zander Seaman **Other Technicians on site:**

Customer: Precision Env. Services, Inc.

Site Address: Former RKO Dry Cleaners. 566 Washington Ave. Albany, NY

Contact Person: Stephen Phelps **Phone:** Cell: (518)528-1427

Scope of Work: Utility Location Services

Type of Service:

☐ *Leak Detection*	☐ Comprehensive *Leak Survey*	☐ *Pressurized Pipe Inspection*
☐ *Infrastructure Assessment*	☒ *Utility Location/GPR*	☐ *Utility Mapping/AutoCAD*
☐ *EM Survey*	☐ *Video Inspection*	☐ *Valve Exercising*

Type of Equipment Used:

☐ *Profiler EMP 400*	☒ *RD8100 Pipe & Cable Locator*	☐ MetroTech vLocPro2
☐ *LC2500 Leak Correlator*	☒ *Noggin 250* mHz	☐ PosiTector UTG G3
☐ *S-30 Surveyor*	☐ Noggin 500 mHz	☐ *Video Inspection Camera*
☐ *Sonde / Locatable Rodder*	☐ Conquest 1000 mHz	☐ *Helium #* *Bottles*
☐ *Leica Robotic Total Station*	☐ *Leica RTK GPS*	☐ *JD7 Investigator*
☐ *Valve Maintenance Trailer*	☐ *Thermal Imaging Camera*	☐ *ZCorr Data Loggers*

Marking Used:

☒ *Paint*	☐ *Flags*	☐ *Chalk/Marker*
☐ *Tape*	☐ *Updated Onsite Mapping*	☐ *Other* _____

Site Access/Safety Training: n/a **Expiration Date:** n/a

Ground Cover/Weather Conditions: Pavement, Gravel/ Sunny 70 degrees

Instructions from Onsite Contact: Locate utilities to clear for a 12’ deep excavation.

NYLD **Infrastructure**

NEW YORK LEAK DETECTION, INC.
PO Box 269 Jamesville, NY 13078
315-469-4601 info@nyld.com

Field Report – Utility Location

Information Transfer:

In addition to this field report, mark all that apply:

☒ *Information relayed on site to:*

Stephen

☐ *Hand drawn sketch*

☐ *Maps updated onsite*

☐ *Photographs*

☐ *Surveyed by others*

☐ *Surveyed and AutoCAD Mapping by NYLD*

Notes/Testing Results:

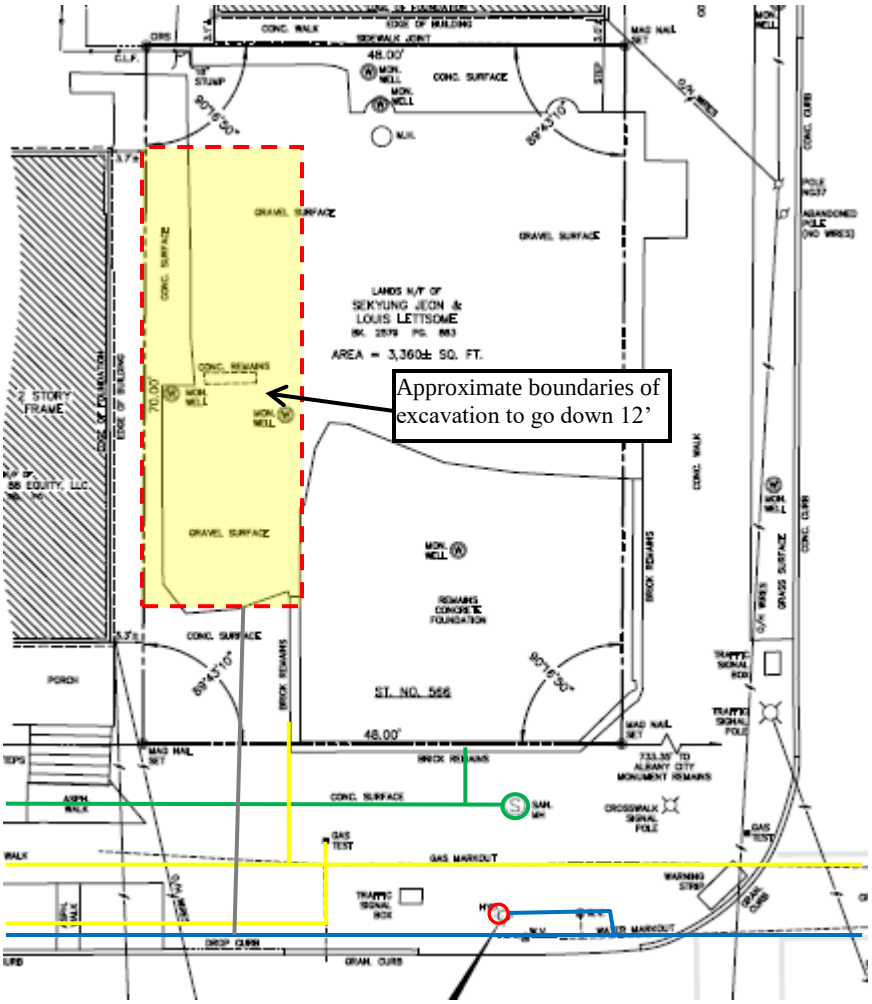
This report is back up to information relayed and marked on site at time of service. It is for informational purposes only.

A visual inspection was performed in the area of concern to assess for utility structures. Utilizing the RD8100 in conductive, inductive and power/radio modes, located and marked out utilities as shown in the area below. Additional confirmation performed with the Noggin with a 250 and 500 MHz antenna. GPR imagery was limited after 4'. Utilities were painted in appropriate color and depths provided where possible.

NYLD **Infrastructure**

NEW YORK LEAK DETECTION, INC.
PO Box 269 Jamesville, NY 13078
315-469-4601 info@nyld.com

Field Report – Utility Location



Key

Blue	Water
Red	Power
Orange	Communications
Yellow	Gas/Flammable Fuel
White	Unknown
Green	Storm/Sanitary

NYLD **Infrastructure**

NEW YORK LEAK DETECTION, INC.
PO Box 269 Jamesville, NY 13078
315-469-4601 info@nyld.com

Field Report – Utility Location

Subsurface Limitations

Utility locating is the art and science of using non-intrusive methods to search for, find and mark out buried, unseen conduits or other objects. There are innumerable variables involved in locating underground utilities, such as topography, size and complexity of job site, depth and proximity of buried utilities, above ground obstructions, short turnaround schedules, changes in the scope of work, lack of (or outdated) blueprints and adverse weather conditions.

New York Leak Detection, Inc. (NYLD) has made a substantial financial investment in crossover technologies and training to meet our clients' needs when locating and mapping utilities. However, due to unpredictable factors that may affect the results, NYLD makes no guarantee, expressed or implied, with respect to the completeness or accuracy of the information provided. Any use or reliance on the information or opinion is at the risk of the user and NYLD shall not be liable for any damage or injury arising out of the use or misuse of the information provided.

NYLD strives to provide the highest quality utility location services possible with the technical expertise of our field specialists and state-of-the-art equipment used. Every effort is made to provide our clients with the most accurate information possible without adverse consequences.

NYLD makes no guarantee that all subsurface utilities and obstructions will be detected. GPR signal penetration might not be sufficient to detect all utilities. NYLD is not responsible for detecting subsurface utilities and obstructions that normally cannot be detected by the methods employed or that cannot be detected because of site conditions. NYLD is not responsible for maintaining mark-outs after leaving the work area. Mark-outs made in inclement weather and in high traffic areas may not last. Surveyor assumes responsibility of picking up data on site.

ATTACHMENT D

PRECISION
ENVIRONMENTAL SERVICES, INC.

==========
18/05/31 08:52
****
Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-000868
Unit Firmw V1.03

Running M Hygiene Mode
Measure T Min; Avg; Max
Datalog M Continuous
Datalog Ty Manual
Diagnostic No
Stop Reasc Stop by User

Site ID 1
User ID 1

Begin ########
End ########
Sample Pe 60
Number of 0

Sensor VOC(ppm)
Span 100
Span 2 N/A
Low Alarm 50
High Alarm 100
Over Alarm 15000
STEL Alarm 25
TWA Alarm 10
Measurem Isobutene
Calibration ########

****
Datalog

0 record.

==========
18/05/31 08:53
****
Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-000868

Unit Firmw	V1.03
Running M	Hygiene Mode
Measure T	Min; Avg; Max
Datalog M	Continuous
Datalog Ty	Manual
Diagnostic	No
Stop Reasc	Stop by User
Site ID	1
User ID	1
Begin	########
End	########
Sample Pe	60
Number of	360
Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurem	Isobutene
Calibration	########
Peak	N/A
Min	N/A
Average	N/A

****

Datalog

Index	Date/Time	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)
1	########	0	0	0
2	########	0	0	0
3	########	0	0	0
4	########	0	0	0
5	########	0	0	0
6	########	0	0	0
7	########	0	0	0
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12	########	0	0	0

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231	########	0	0	0
232	########	0	0	0
233	########	0	0	0
234	########	0	0	0
235	########	0	0	0
236	########	0	0	0
237	########	0	0	0
238	########	0	0	0
239	########	0	0	0
240	########	0	0	0
241	########	0	0	0
242	########	0	0	0
243	########	0	0	0
244	########	0	0	0
245	########	0	0	0
246	########	0	0	0
247	########	0	0	0

248	########	0	0	1
249	########	0	0	0
250	########	0	0	0
251	########	0	0	0
252	########	0	0	0
253	########	0	0	0
254	########	0	0	0
255	########	0	0	0
256	########	0	0	0
257	########	0	0	0
258	########	0	0	0
259	########	0	0	0
260	########	0	0	0
261	########	0	0	0
262	########	0	0	0
263	########	0	0	0
264	########	0	0	0
265	########	0	0	0
266	########	0	0	0
267	########	0	0	0
268	########	0	0	0
269	########	0	0	0
270	########	0	0	0
271	########	0	0	0
272	########	0	0	0
273	########	0	0	0
274	########	0	0	0
275	########	0	0	0
276	########	0	0	0
277	########	0	0	0
278	########	0	0	0
279	########	0	0	0
280	########	0	0	0
281	########	0	0	0
282	########	0	0	0
283	########	0	0	0
284	########	0	0	0
285	########	0	0	0
286	########	0	0	0
287	########	0	0	0
288	########	0	0	0
289	########	0	0	0
290	########	0	0	0
291	########	0	0	0
292	########	0	0	0
293	########	0	0	0
294	########	0	0	0

295	########	0	0	0
296	########	0	0	0
297	########	0	0	0
298	########	0	0	0
299	########	0	0	0
300	########	0	0	0
301	########	0	0	0
302	########	0	0	0
303	########	0	0	0
304	########	0	0	0
305	########	0	0	0
306	########	0	0	0
307	########	0	0	0
308	########	0	0	0
309	########	0	0	0
310	########	0	0	0
311	########	0	0	0
312	########	0	0	0
313	########	0	0	0
314	########	0	0	0
315	########	0	0	0
316	########	0	0	0
317	########	0	0	0
318	########	0	0	0
319	########	0	0	0
320	########	0	0	0
321	########	0	0	0
322	########	0	0	0
323	########	0	0	0
324	########	0	0	0
325	########	0	0	0
326	########	0	0	0
327	########	0	0	0
328	########	0	0	0
329	########	0	0	0
330	########	0	0	0
331	########	0	0	0
332	########	0	0	0
333	########	0	0	0
334	########	0	0	0
335	########	0	0	0
336	########	0	0	0
337	########	0	0	0
338	########	0	0	0
339	########	0	0	0
340	########	0	0	0
341	########	0	0	0

342	########	0	0	0
343	########	0	0	0
344	########	0	0	0
345	########	0	0	0
346	########	0	0	0
347	########	0	0	0
348	########	0	0	0
349	########	0	0	0
350	########	0	0	0
351	########	0	0	0
352	########	0	0	0
353	########	0	0	0
354	########	0	0	0
355	########	0	0	0
356	########	0	0	0
357	########	0	0	0
358	########	0	0	0
359	########	0	0	0
360	########	0	0	0
Peak		0	0	1
Min		0	0	0
Average		0	0	0

==========

18/06/01 08:55

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Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-000868
Unit Firmw V1.03

Running M Hygiene Mode
Measure T Min; Avg; Max
Datalog M Continuous
Datalog Ty Manual
Diagnostic No
Stop Reasc Stop by User

Site ID 1
User ID 1

Begin ########
End ########
Sample Pe 60
Number of 156

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurem	Isobutene
Calibration	########
Peak	N/A
Min	N/A
Average	N/A

****

Datalog

Index	Date/Time	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)
1	########	0	0	0
2	########	0	0	0
3	########	0	0	0
4	########	0	0	0
5	########	0	0	0
6	########	0	0	0
7	########	0	0	0
8	########	0	0	0
9	########	0	0	0
10	########	0	0	0
11	########	0	0	0
12	########	0	0	0
13	########	0	0	0
14	########	0	0	0
15	########	0	0	0
16	########	0	0	0
17	########	0	0	0
18	########	0	0	0
19	########	0	0	0
20	########	0	0	0
21	########	0	0	0
22	########	0	0	0
23	########	0	0	0
24	########	0	0	0
25	########	0	0	0
26	########	0	0	0
27	########	0	0	0
28	########	0	0	0
29	########	0	0	0

30	########	0	0	0
31	########	0	0	0
32	########	0	0	0
33	########	0	0	0
34	########	0	0	0
35	########	0	0	0
36	########	0	1	2
37	########	0	0	0
38	########	0	0	1
39	########	0	0	0
40	########	0	0	0
41	########	0	0	0
42	########	0	0	1
43	########	0	0	0
44	########	0	0	1
45	########	0	0	0
46	########	0	0	0
47	########	0	0	0
48	########	0	0	0
49	########	0	0	0
50	########	0	0	0
51	########	0	0	0
52	########	0	0	0
53	########	0	0	0
54	########	0	0	0
55	########	0	0	0
56	########	0	0	0
57	########	0	0	0
58	########	0	0	0
59	########	0	0	0
60	########	0	0	0
61	########	0	0	0
62	########	0	0	0
63	########	0	0	0
64	########	0	0	0
65	########	0	0	0
66	########	0	0	0
67	########	0	0	0
68	########	0	0	0
69	########	0	0	0
70	########	0	0	0
71	########	0	0	0
72	########	0	0	0
73	########	0	0	0
74	########	0	0	0
75	########	0	0	0
76	########	0	0	0

77	########	0	0	0
78	########	0	0	0
79	########	0	0	0
80	########	0	0	0
81	########	0	0	0
82	########	0	0	0
83	########	0	0	0
84	########	0	0	0
85	########	0	0	0
86	########	0	0	0
87	########	0	0	0
88	########	0	0	0
89	########	0	0	0
90	########	0	0	0
91	########	0	0	0
92	########	0	0	0
93	########	0	0	0
94	########	0	6	95
95	########	1	32	119
96	########	1	1	1
97	########	0	0	1
98	########	0	0	1
99	########	0	0	0
100	########	0	0	0
101	########	0	0	0
102	########	0	0	0
103	########	0	0	0
104	########	0	0	0
105	########	0	0	0
106	########	0	0	0
107	########	0	0	0
108	########	0	0	0
109	########	0	1	4
110	########	0	2	13
111	########	0	0	1
112	########	0	0	1
113	########	0	0	1
114	########	0	0	1
115	########	0	0	1
116	########	0	0	0
117	########	0	0	0
118	########	0	0	0
119	########	0	1	3
120	########	0	0	1
121	########	0	0	2
122	########	0	0	0
123	########	0	0	0

124	########	0	1	5
125	########	0	0	0
126	########	0	1	2
127	########	0	2	5
128	########	0	1	1
129	########	0	0	1
130	########	0	0	1
131	########	0	0	0
132	########	0	0	0
133	########	0	0	0
134	########	0	0	0
135	########	0	0	0
136	########	0	0	0
137	########	0	0	0
138	########	0	0	0
139	########	0	0	0
140	########	0	0	0
141	########	0	0	0
142	########	0	0	0
143	########	0	0	0
144	########	0	0	0
145	########	0	0	1
146	########	0	0	0
147	########	0	0	0
148	########	0	0	0
149	########	0	0	0
150	########	0	0	0
151	########	0	0	0
152	########	0	0	0
153	########	0	0	0
154	########	0	0	0
155	########	0	0	0
156	########	0	0	0
Peak		1	32	119
Min		0	0	0
Average		0	0	2

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18/06/04 09:41

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Summary

Unit Name MiniRAE 3000(PGM-7320)

Unit SN 592-000868

Unit Firmw V1.03

Running M Hygiene Mode

Measure T	Min; Avg; Max
Datalog M	Continuous
Datalog Ty	Manual
Diagnostic	No
Stop Reasc	Stop by User

Site ID	1
User ID	1

Begin	########
End	########
Sample Pe	60
Number of	324

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurem	Isobutene
Calibration	########
Peak	N/A
Min	N/A
Average	N/A

****

Datalog

Index	Date/Time	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)
1	########	0	0	0
2	########	0	0	0
3	########	0	0	0
4	########	0	0	0
5	########	0	0	0
6	########	0	0	0
7	########	0	0	0
8	########	0	0	0
9	########	0	0	0
10	########	0	0	0
11	########	0	0	0
12	########	0	0	0
13	########	0	0	0
14	########	0	0	0
15	########	0	0	0

16	########	0	0	0
17	########	0	0	0
18	########	0	0	0
19	########	0	0	0
20	########	0	0	0
21	########	0	0	0
22	########	0	0	0
23	########	0	0	1
24	########	0	0	0
25	########	0	0	0
26	########	0	0	0
27	########	0	0	0
28	########	0	0	0
29	########	0	0	0
30	########	0	0	0
31	########	0	0	0
32	########	0	0	0
33	########	0	0	0
34	########	0	0	0
35	########	0	0	0
36	########	0	0	0
37	########	0	0	0
38	########	0	0	0
39	########	0	0	0
40	########	0	0	0
41	########	0	0	0
42	########	0	0	0
43	########	0	0	0
44	########	0	0	0
45	########	0	0	0
46	########	0	0	0
47	########	0	0	0
48	########	0	0	0
49	########	0	0	0
50	########	0	0	0
51	########	0	0	0
52	########	0	0	0
53	########	0	0	0
54	########	0	0	0
55	########	0	0	0
56	########	0	0	0
57	########	0	0	1
58	########	0	0	0
59	########	0	0	0
60	########	0	0	0
61	########	0	0	0
62	########	0	0	0

63	########	0	0	0
64	########	0	0	0
65	########	0	0	0
66	########	0	0	0
67	########	0	0	0
68	########	0	0	0
69	########	0	0	0
70	########	0	0	0
71	########	0	0	0
72	########	0	0	0
73	########	0	0	0
74	########	0	0	0
75	########	0	0	0
76	########	0	0	1
77	########	0	0	0
78	########	0	0	0
79	########	0	0	0
80	########	0	0	0
81	########	0	0	0
82	########	0	0	0
83	########	0	0	0
84	########	0	0	0
85	########	0	0	0
86	########	0	0	0
87	########	0	0	0
88	########	0	0	0
89	########	0	0	0
90	########	0	0	0
91	########	0	0	0
92	########	0	0	0
93	########	0	0	0
94	########	0	0	0
95	########	0	0	0
96	########	0	0	0
97	########	0	0	0
98	########	0	0	0
99	########	0	0	0
100	########	0	0	0
101	########	0	0	0
102	########	0	0	0
103	########	0	0	0
104	########	0	0	0
105	########	0	0	0
106	########	0	0	0
107	########	0	0	0
108	########	0	0	0
109	########	0	0	0

110	########	0	0	0
111	########	0	0	0
112	########	0	0	0
113	########	0	0	0
114	########	0	0	0
115	########	0	0	0
116	########	0	0	0
117	########	0	0	0
118	########	0	0	0
119	########	0	0	0
120	########	0	0	0
121	########	0	0	0
122	########	0	0	0
123	########	0	0	0
124	########	0	0	0
125	########	0	0	0
126	########	0	0	0
127	########	0	0	0
128	########	0	0	0
129	########	0	0	0
130	########	0	0	0
131	########	0	0	0
132	########	0	0	0
133	########	0	0	0
134	########	0	0	0
135	########	0	0	0
136	########	0	0	0
137	########	0	0	0
138	########	0	0	0
139	########	0	0	0
140	########	0	0	0
141	########	0	0	0
142	########	0	0	0
143	########	0	0	0
144	########	0	0	0
145	########	0	0	0
146	########	0	0	0
147	########	0	0	0
148	########	0	0	0
149	########	0	0	0
150	########	0	0	0
151	########	0	0	0
152	########	0	0	0
153	########	0	0	0
154	########	0	0	0
155	########	0	0	0
156	########	0	0	0

157	########	0	0	0
158	########	0	0	0
159	########	0	0	0
160	########	0	0	0
161	########	0	0	0
162	########	0	0	0
163	########	0	0	0
164	########	0	0	0
165	########	0	0	0
166	########	0	0	0
167	########	0	0	0
168	########	0	0	0
169	########	0	0	0
170	########	0	0	0
171	########	0	0	0
172	########	0	0	0
173	########	0	0	0
174	########	0	0	0
175	########	0	0	1
176	########	0	0	0
177	########	0	0	0
178	########	0	0	0
179	########	0	0	0
180	########	0	0	0
181	########	0	0	0
182	########	0	0	0
183	########	0	0	0
184	########	0	0	0
185	########	0	0	0
186	########	0	0	0
187	########	0	0	0
188	########	0	0	0
189	########	0	0	0
190	########	0	0	0
191	########	0	0	0
192	########	0	0	0
193	########	0	0	0
194	########	0	0	0
195	########	0	0	0
196	########	0	0	0
197	########	0	0	0
198	########	0	0	0
199	########	0	0	0
200	########	0	0	0
201	########	0	0	0
202	########	0	0	0
203	########	0	0	0

204	########	0	0	0
205	########	0	0	0
206	########	0	0	0
207	########	0	0	0
208	########	0	0	0
209	########	0	0	0
210	########	0	0	0
211	########	0	0	0
212	########	0	0	0
213	########	0	0	0
214	########	0	0	0
215	########	0	0	0
216	########	0	0	0
217	########	0	0	0
218	########	0	0	0
219	########	0	0	0
220	########	0	0	0
221	########	0	0	0
222	########	0	0	0
223	########	0	0	0
224	########	0	0	0
225	########	0	0	0
226	########	0	0	0
227	########	0	0	0
228	########	0	0	0
229	########	0	0	0
230	########	0	0	0
231	########	0	0	0
232	########	0	0	0
233	########	0	0	0
234	########	0	0	0
235	########	0	0	0
236	########	0	0	0
237	########	0	0	0
238	########	0	0	0
239	########	0	0	0
240	########	0	0	0
241	########	0	0	0
242	########	0	0	0
243	########	0	0	0
244	########	0	0	0
245	########	0	0	0
246	########	0	0	0
247	########	0	0	0
248	########	0	0	0
249	########	0	0	0
250	########	0	0	0

251	########	0	0	0
252	########	0	0	0
253	########	0	0	0
254	########	0	0	0
255	########	0	0	0
256	########	0	0	0
257	########	0	0	0
258	########	0	0	0
259	########	0	0	0
260	########	0	0	0
261	########	0	0	0
262	########	0	0	0
263	########	0	0	0
264	########	0	0	0
265	########	0	0	0
266	########	0	0	0
267	########	0	0	0
268	########	0	0	0
269	########	0	0	0
270	########	0	0	0
271	########	0	0	0
272	########	0	0	0
273	########	0	0	0
274	########	0	0	0
275	########	0	0	0
276	########	0	0	0
277	########	0	0	0
278	########	0	0	0
279	########	0	0	0
280	########	0	0	0
281	########	0	0	0
282	########	0	0	0
283	########	0	0	0
284	########	0	0	0
285	########	0	0	0
286	########	0	0	0
287	########	0	0	0
288	########	0	0	0
289	########	0	0	0
290	########	0	0	0
291	########	0	0	0
292	########	0	0	0
293	########	0	0	0
294	########	0	0	0
295	########	0	0	0
296	########	0	0	0
297	########	0	0	0

298	########	0	0	0
299	########	0	0	0
300	########	0	0	0
301	########	0	0	0
302	########	0	0	0
303	########	0	0	0
304	########	0	0	0
305	########	0	0	0
306	########	0	0	0
307	########	0	0	0
308	########	0	0	0
309	########	0	0	0
310	########	0	0	0
311	########	0	0	0
312	########	0	0	0
313	########	0	0	0
314	########	0	0	0
315	########	0	0	0
316	########	0	0	0
317	########	0	0	0
318	########	0	0	0
319	########	0	0	0
320	########	0	0	0
321	########	0	0	0
322	########	0	0	0
323	########	0	0	0
324	########	0	0	0
Peak		0	0	1
Min		0	0	0
Average		0	0	0

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18/05/29 09:03
****
Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-915116
Unit Firmw V1.20B

Running M Hygiene Mode
Measure T Min; Avg; Max
Datalog M Continuous
Datalog Ty Manual
Diagnostic No
Stop Reasc Stop by User

Site ID RAE00000
User ID 1

Begin ########
End ########
Sample Pe 60
Number of 199

Sensor VOC(ppm)
Span 100
Span 2 N/A
Low Alarm 50
High Alarm 100
Over Alarm 15000
STEL Alarm 25
TWA Alarm 10
Measurem Isobutylene
Calibration ########
Peak N/A
Min N/A
Average N/A

****
Datalog

Index	Date/Time	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)
1	########	0	0	0
2	########	0	0	0
3	########	0	0	0
4	########	0	0	0
5	########	0	0	0

6	########	0	0	0
7	########	0	0	0
8	########	0	0	0
9	########	0	0	0
10	########	0	0	0
11	########	0	0	0
12	########	0	0	0
13	########	0	0	0
14	########	0	0	0
15	########	0	0	0
16	########	0	0	0
17	########	0	0	0
18	########	0	0	0
19	########	0	0	0
20	########	0	0	0
21	########	0	0	0
22	########	0	0	0
23	########	0	0	0
24	########	0	0	0
25	########	0	0	0
26	########	0	0	0
27	########	0	0	0
28	########	0	0	0
29	########	0	0	0
30	########	0	0	0
31	########	0	0	0
32	########	0	0	0
33	########	0	0	0
34	########	0	0	0
35	########	0	0	0
36	########	0	0	0
37	########	0	0	0
38	########	0	0	0
39	########	0	0	0
40	########	0	0	0
41	########	0	0	0
42	########	0	0	0
43	########	0	0	0
44	########	0	0	0
45	########	0	0	0
46	########	0	0	0
47	########	0	0	0
48	########	0	0	0
49	########	0	0	0
50	########	0	0	0
51	########	0	0	0
52	########	0	0	0

53	########	0	0	0
54	########	0	0	0
55	########	0	0	0
56	########	0	0	0
57	########	0	0	0
58	########	0	0	0
59	########	0	0	0
60	########	0	0	0
61	########	0	0	0
62	########	0	0	0
63	########	0	0	0
64	########	0	0	0
65	########	0	0	0
66	########	0	0	0
67	########	0	0	0
68	########	0	0	0
69	########	0	0	0
70	########	0	0	0
71	########	0	0	0
72	########	0	0	0
73	########	0	0	0
74	########	0	0	0
75	########	0	0	0
76	########	0	0	0
77	########	0	0	0
78	########	0	0	0
79	########	0	0	0
80	########	0	0	0
81	########	0	0	0
82	########	0	0	0
83	########	0	0	0
84	########	0	0	0
85	########	0	0	0
86	########	0	0	0
87	########	0	0	0
88	########	0	0	0
89	########	0	0	0
90	########	0	0	0
91	########	0	0	0
92	########	0	0	0
93	########	0	0	0
94	########	0	0	0
95	########	0	0	0
96	########	0	0	0
97	########	0	0	0
98	########	0	0	0
99	########	0	0	0

100	########	0	0	0
101	########	0	0	0
102	########	0	0	0
103	########	0	0	0
104	########	0	0	0
105	########	0	0	0
106	########	0	0	0
107	########	0	0	0
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109	########	0	0	0
110	########	0	0	0
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113	########	0	0	0
114	########	0	0	0
115	########	0	0	0
116	########	0	0	0
117	########	0	0	0
118	########	0	0	0
119	########	0	0	0
120	########	0	0	0
121	########	0	0	0
122	########	0	0	0
123	########	0	0	0
124	########	0	0	0
125	########	0	0	0
126	########	0	0	0
127	########	0	0	0
128	########	0	0	0
129	########	0	0	0
130	########	0	0	0
131	########	0	0	0
132	########	0	0	0
133	########	0	0	0
134	########	0	0	0
135	########	0	0	0
136	########	0	0	0
137	########	0	0	0
138	########	0	0	0
139	########	0	0	0
140	########	0	0	0
141	########	0	0	0
142	########	0	0	0
143	########	0	0	0
144	########	0	0	0
145	########	0	0	0
146	########	0	0	0

147	########	0	0	0
148	########	0	0	0
149	########	0	0	0
150	########	0	0	0
151	########	0	0	0
152	########	0	0	0
153	########	0	0	0
154	########	0	0	0
155	########	0	0	0
156	########	0	0	0
157	########	0	0	0
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168	########	0	0	0
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179	########	0	0	0
180	########	0	0	0
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184	########	0	0	0
185	########	0	0	0
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187	########	0	0	0
188	########	0	0	0
189	########	0	0	0
190	########	0	0	0
191	########	0	0	0
192	########	0	0	0
193	########	0	0	0

194	########	0	0	0
195	########	0	0	0
196	########	0	0	0
197	########	0	0	0
198	########	0	0	0
199	########	0	0	0
Peak		0	0	0
Min		0	0	0
Average		0	0	0

==========

18/05/30 09:08

****

Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-915116
Unit Firmw V1.20B

Running M Hygiene Mode
Measure T Min; Avg; Max
Datalog M Continuous
Datalog Ty Manual
Diagnostic No
Stop Reasc Stop by User

Site ID RAE00000
User ID 1

Begin ########
End ########
Sample Pe 60
Number of 210

Sensor VOC(ppm)
Span 100
Span 2 N/A
Low Alarm 50
High Alarm 100
Over Alarm 15000
STEL Alarm 25
TWA Alarm 10
Measurem Isobutylene
Calibration ########
Peak N/A
Min N/A
Average N/A

****

Datalog

Index	Date/Time	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)
1	########	0	0	0
2	########	0	0	0
3	########	0	0	0
4	########	0	0	0
5	########	0	0	0
6	########	0	0	0
7	########	0	0	0
8	########	0	0	0
9	########	0	0	0
10	########	0	0	0
11	########	0	0	0
12	########	0	0	0
13	########	0	0	0
14	########	0	0	0
15	########	0	0	0
16	########	0	0	0
17	########	0	0	0
18	########	0	0	0
19	########	0	0	0
20	########	0	0	0
21	########	0	0	0
22	########	0	0	0
23	########	0	0	0
24	########	0	0	0
25	########	0	0	0
26	########	0	0	0
27	########	0	0	0
28	########	0	0	0
29	########	0	0	0
30	########	0	0	0
31	########	0	0	0
32	########	0	0	0
33	########	0	0	0
34	########	0	0	0
35	########	0	0	0
36	########	0	0	0
37	########	0	0	0
38	########	0	0	0
39	########	0	0	0
40	########	0	0	0
41	########	0	0	0
42	########	0	0	0

43	########	0	0	0
44	########	0	0	0
45	########	0	0	0
46	########	0	0	0
47	########	0	0	0
48	########	0	0	0
49	########	0	0	0
50	########	0	0	0
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52	########	0	0	0
53	########	0	0	0
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55	########	0	0	0
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57	########	0	0	0
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61	########	0	0	0
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63	########	0	0	0
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65	########	0	0	0
66	########	0	0	0
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68	########	0	0	0
69	########	0	0	0
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73	########	0	0	0
74	########	0	0	0
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77	########	0	0	0
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85	########	0	0	0
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88	########	0	0	0
89	########	0	0	0

90	########	0	0	0
91	########	0	0	0
92	########	0	0	0
93	########	0	0	0
94	########	0	0	0
95	########	0	0	0
96	########	0	0	0
97	########	0	0	0
98	########	0	0	0
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100	########	0	0	0
101	########	0	0	0
102	########	0	0	0
103	########	0	0	0
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105	########	0	0	0
106	########	0	0	0
107	########	0	0	0
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109	########	0	0	0
110	########	0	0	0
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112	########	0	0	0
113	########	0	0	0
114	########	0	0	0
115	########	0	0	0
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117	########	0	0	0
118	########	0	0	0
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120	########	0	0	0
121	########	0	0	0
122	########	0	0	0
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125	########	0	0	0
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129	########	0	0	0
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131	########	0	0	0
132	########	0	0	0
133	########	0	0	0
134	########	0	0	0
135	########	0	0	0
136	########	0	0	0

137	########	0	0	0
138	########	0	0	0
139	########	0	0	0
140	########	0	0	0
141	########	0	0	0
142	########	0	0	0
143	########	0	0	0
144	########	0	0	0
145	########	0	0	0
146	########	0	0	0
147	########	0	0	0
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154	########	0	0	0
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156	########	0	0	0
157	########	0	0	0
158	########	0	0	0
159	########	0	0	0
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161	########	0	0	0
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163	########	0	0	0
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178	########	0	0	0
179	########	0	0	0
180	########	0	0	0
181	########	0	0	0
182	########	0	0	0
183	########	0	0	0

184	########	0	0	0
185	########	0	0	0
186	########	0	0	0
187	########	0	0	0
188	########	0	0	0
189	########	0	0	0
190	########	0	0	0
191	########	0	0	0
192	########	0	0	0
193	########	0	0	0
194	########	0	0	0
195	########	0	0	0
196	########	0	0	0
197	########	0	0	0
198	########	0	0	0
199	########	0	0	0
200	########	0	0	0
201	########	0	0	0
202	########	0	0	0
203	########	0	0	0
204	########	0	0	0
205	########	0	0	0
206	########	0	0	0
207	########	0	0	0
208	########	0	0	0
209	########	0	0	0
210	########	0	0	0
Peak		0	0	0
Min		0	0	0
Average		0	0	0

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18/06/04 10:03

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Summary

Unit Name MiniRAE 3000(PGM-7320)

Unit SN 592-915116

Unit Firmw V1.20B

Running M Hygiene Mode

Measure T Min; Avg; Max

Datalog M Continuous

Datalog Ty Manual

Diagnostic No

Stop Reasc Stop by User

Site ID	RAE00000
User ID	1

Begin	########
End	########
Sample Per	60
Number of	314

Sensor	VOC(ppm)
Span	100
Span 2	N/A
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	25
TWA Alarm	10
Measurem	Isobutylene
Calibration	########
Peak	N/A
Min	N/A
Average	N/A

****

Datalog

Index	Date/Time	VOC(ppm) (Min)	VOC(ppm) (Avg)	VOC(ppm) (Max)
1	########	0	0	0
2	########	0	0	0
3	########	0	0	0
4	########	0	0	0
5	########	0	0	0
6	########	0	0	0
7	########	0	0	0
8	########	0	0	0
9	########	0	0	0
10	########	0	0	0
11	########	0	0	0
12	########	0	0	0
13	########	0	0	0
14	########	0	0	0
15	########	0	0	0
16	########	0	0	0
17	########	0	0	0
18	########	0	0	0
19	########	0	0	0
20	########	0	0	0
21	########	0	0	0

22	########	0	0	0
23	########	0	0	0
24	########	0	0	0
25	########	0	0	0
26	########	0	0	0
27	########	0	0	0
28	########	0	0	0
29	########	0	0	0
30	########	0	0	0
31	########	0	0	0
32	########	0	0	0
33	########	0	0	0
34	########	0	0	0
35	########	0	0	0
36	########	0	0	0
37	########	0	0	0
38	########	0	0	0
39	########	0	0	0
40	########	0	0	0
41	########	0	0	0
42	########	0	0	0
43	########	0	0	0
44	########	0	0	0
45	########	0	0	0
46	########	0	0	0
47	########	0	0	0
48	########	0	0	0
49	########	0	0	0
50	########	0	0	0
51	########	0	0	0
52	########	0	0	0
53	########	0	0	0
54	########	0	0	0
55	########	0	0	0
56	########	0	0	0
57	########	0	0	0
58	########	0	0	0
59	########	0	0	0
60	########	0	0	0
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63	########	0	0	0
64	########	0	0	0
65	########	0	0	0
66	########	0	0	0
67	########	0	0	0
68	########	0	0	0

69	########	0	0	0
70	########	0	0	0
71	########	0	0	0
72	########	0	0	0
73	########	0	0	0
74	########	0	0	0
75	########	0	0	0
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77	########	0	0	0
78	########	0	0	0
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81	########	0	0	0
82	########	0	0	0
83	########	0	0	0
84	########	0	0	0
85	########	0	0	0
86	########	0	0	0
87	########	0	0	0
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89	########	0	0	0
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92	########	0	0	0
93	########	0	0	0
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97	########	0	0	0
98	########	0	0	0
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106	########	0	0	0
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110	########	0	0	0
111	########	0	0	0
112	########	0	0	0
113	########	0	0	0
114	########	0	0	0
115	########	0	0	0

116	########	0	0	0
117	########	0	0	0
118	########	0	0	0
119	########	0	0	0
120	########	0	0.026	0.392
121	########	0	0.006	0.09
122	########	0	0	0
123	########	0	0	0
124	########	0	0.003	0.048
125	########	0	0	0
126	########	0	0	0
127	########	0	0.008	0.08
128	########	0	0	0.012
129	########	0	0	0
130	########	0	0	0
131	########	0	0	0
132	########	0	0	0
133	########	0	0	0
134	########	0	0	0
135	########	0	0	0
136	########	0	0	0
137	########	0	0	0
138	########	0	0	0
139	########	0	0	0
140	########	0	0	0
141	########	0	0	0
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157	########	0	0	0
158	########	0	0	0
159	########	0	0	0
160	########	0	0	0
161	########	0	0	0
162	########	0	0	0

163	########	0	0	0
164	########	0	0	0
165	########	0	0	0
166	########	0	0	0
167	########	0	0	0
168	########	0	0	0
169	########	0	0	0
170	########	0	0	0
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172	########	0	0	0
173	########	0	0	0
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181	########	0	0	0
182	########	0	0	0
183	########	0	0	0
184	########	0	0	0
185	########	0	0	0
186	########	0	0	0
187	########	0	0	0
188	########	0	0	0
189	########	0	0	0
190	########	0	0	0
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192	########	0	0	0
193	########	0	0	0
194	########	0	0	0
195	########	0	0	0.012
196	########	0	0	0
197	########	0	0	0
198	########	0	0	0
199	########	0	0	0
200	########	0	0	0
201	########	0	0	0
202	########	0	0	0
203	########	0	0	0
204	########	0	0	0
205	########	0	0	0
206	########	0	0	0
207	########	0	0	0
208	########	0	0	0
209	########	0	0	0

210	########	0	0	0
211	########	0	0	0
212	########	0	0	0
213	########	0	0	0
214	########	0	0	0
215	########	0	0	0
216	########	0	0	0
217	########	0	0	0
218	########	0	0	0
219	########	0	0	0
220	########	0	0	0
221	########	0	0	0
222	########	0	0	0
223	########	0	0	0
224	########	0	0	0
225	########	0	0	0
226	########	0	0	0
227	########	0	0	0
228	########	0	0	0
229	########	0	0	0
230	########	0	0	0
231	########	0	0	0
232	########	0	0	0
233	########	0	0	0
234	########	0	0	0
235	########	0	0	0
236	########	0	0	0
237	########	0	0	0
238	########	0	0	0
239	########	0	0	0
240	########	0	0	0
241	########	0	0	0
242	########	0	0	0
243	########	0	0	0
244	########	0	0	0
245	########	0	0	0
246	########	0	0	0
247	########	0	0	0
248	########	0	0	0
249	########	0	0	0
250	########	0	0	0
251	########	0	0	0
252	########	0	0	0
253	########	0	0	0
254	########	0	0	0
255	########	0	0	0
256	########	0	0	0

257	########	0	0	0
258	########	0	0	0
259	########	0	0	0
260	########	0	0	0
261	########	0	0	0
262	########	0	0	0
263	########	0	0	0
264	########	0	0	0
265	########	0	0	0
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267	########	0	0	0
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276	########	0	0	0
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282	########	0	0	0
283	########	0	0	0
284	########	0	0	0
285	########	0	0	0
286	########	0	0	0
287	########	0	0	0
288	########	0	0	0
289	########	0	0	0
290	########	0	0	0
291	########	0	0	0
292	########	0	0.001	0.015
293	########	0	0	0
294	########	0	0	0
295	########	0	0	0
296	########	0	0	0
297	########	0	0	0
298	########	0	0	0
299	########	0	0	0
300	########	0	0	0
301	########	0	0	0
302	########	0	0	0
303	########	0	0	0

304	########	0	0	0
305	########	0	0	0
306	########	0	0	0
307	########	0	0	0
308	########	0	0	0
309	########	0	0	0
310	########	0	0	0
311	########	0	0	0
312	########	0	0	0
313	########	0	0	0
314	########	0	0	0
Peak		0	0.026	0.392
Min		0	0	0
Average		0	0	0.002

Test 001

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/29/2018
Instrument S/N	8530113806	Start Time	09:01:33
		Stop Date	05/29/2018
		Stop Time	10:31:33
		Total Time	0:01:30:00
		Logging Interval	1800 seconds

Statistics	
	AEROSOL
Avg	0.118 mg/m^3
Max	0.233 mg/m^3
Max Date	05/29/2018
Max Time	10:31:33
Min	0.059 mg/m^3
Min Date	05/29/2018
Min Time	09:31:33
TWA (8 hr)	0.022
TWA Start Date	05/29/2018
TWA Start Time	09:01:33
TWA End Time	10:31:33

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/29/2018	09:31:33	0.059
2	05/29/2018	10:01:33	0.063
3	05/29/2018	10:31:33	0.233

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/29/2018
Instrument S/N	8530100906	Start Time	08:48:43
		Stop Date	05/29/2018
		Stop Time	11:48:43
		Total Time	0:03:00:00
		Logging Interval	1800 seconds

Statistics	
	AEROSOL
Avg	0.082 mg/m^3
Max	0.109 mg/m^3
Max Date	05/29/2018
Max Time	09:48:43
Min	0.068 mg/m^3
Min Date	05/29/2018
Min Time	10:18:43
TWA (8 hr)	0.031
TWA Start Date	05/29/2018
TWA Start Time	08:48:43
TWA End Time	11:48:43

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/29/2018	09:18:43	0.075
2	05/29/2018	09:48:43	0.109
3	05/29/2018	10:18:43	0.068
4	05/29/2018	10:48:43	0.083
5	05/29/2018	11:18:43	0.079
6	05/29/2018	11:48:43	0.076

Test 002

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/30/2018
Instrument S/N	8530113806	Start Time	08:50:39
		Stop Date	05/30/2018
		Stop Time	10:50:39
		Total Time	0:02:00:00
		Logging Interval	1800 seconds

Statistics	
	AEROSOL
Avg	0.047 mg/m^3
Max	0.080 mg/m^3
Max Date	05/30/2018
Max Time	09:20:39
Min	0.029 mg/m^3
Min Date	05/30/2018
Min Time	10:50:39
TWA (8 hr)	0.012
TWA Start Date	05/30/2018
TWA Start Time	08:50:39
TWA End Time	10:50:39

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/30/2018	09:20:39	0.080
2	05/30/2018	09:50:39	0.040
3	05/30/2018	10:20:39	0.037
4	05/30/2018	10:50:39	0.029

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/30/2018
Instrument S/N	8530100906	Start Time	08:45:59
		Stop Date	05/30/2018
		Stop Time	11:45:59
		Total Time	0:03:00:00
		Logging Interval	1800 seconds

Statistics	
	AEROSOL
Avg	0.041 mg/m^3
Max	0.059 mg/m^3
Max Date	05/30/2018
Max Time	11:45:59
Min	0.028 mg/m^3
Min Date	05/30/2018
Min Time	09:15:59
TWA (8 hr)	0.015
TWA Start Date	05/30/2018
TWA Start Time	08:45:59
TWA End Time	11:45:59

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/30/2018	09:15:59	0.028
2	05/30/2018	09:45:59	0.028
3	05/30/2018	10:15:59	0.039
4	05/30/2018	10:45:59	0.040
5	05/30/2018	11:15:59	0.050
6	05/30/2018	11:45:59	0.059

Test 003

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/31/2018
Instrument S/N	8530113806	Start Time	08:39:42
		Stop Date	05/31/2018
		Stop Time	11:09:42
		Total Time	0:02:30:00
		Logging Interval	1800 seconds

Statistics	
	AEROSOL
Avg	0.032 mg/m^3
Max	0.038 mg/m^3
Max Date	05/31/2018
Max Time	09:09:42
Min	0.028 mg/m^3
Min Date	05/31/2018
Min Time	10:09:42
TWA (8 hr)	0.010
TWA Start Date	05/31/2018
TWA Start Time	08:39:42
TWA End Time	11:09:42

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/31/2018	09:09:42	0.038
2	05/31/2018	09:39:42	0.034
3	05/31/2018	10:09:42	0.028
4	05/31/2018	10:39:42	0.030
5	05/31/2018	11:09:42	0.031

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	05/31/2018
Instrument S/N	8530100906	Start Time	08:42:20
		Stop Date	05/31/2018
		Stop Time	14:12:20
		Total Time	0:05:30:00
		Logging Interval	1800 seconds

Statistics	
	AEROSOL
Avg	0.039 mg/m^3
Max	0.055 mg/m^3
Max Date	05/31/2018
Max Time	13:12:20
Min	0.030 mg/m^3
Min Date	05/31/2018
Min Time	10:12:20
TWA (8 hr)	0.027
TWA Start Date	05/31/2018
TWA Start Time	08:42:20
TWA End Time	14:12:20

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	05/31/2018	09:12:20	0.043
2	05/31/2018	09:42:20	0.044
3	05/31/2018	10:12:20	0.030
4	05/31/2018	10:42:20	0.034
5	05/31/2018	11:12:20	0.036
6	05/31/2018	11:42:20	0.035
7	05/31/2018	12:12:20	0.040
8	05/31/2018	12:42:20	0.034
9	05/31/2018	13:12:20	0.055
10	05/31/2018	13:42:20	0.040
11	05/31/2018	14:12:20	0.042

Test 004

ERROR: FLOW,

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/04/2018
Instrument S/N	8530113806	Start Time	09:44:20
		Stop Date	06/04/2018
		Stop Time	12:14:20
		Total Time	0:02:30:00
		Logging Interval	1800 seconds

Statistics	
	AEROSOL
Avg	0.019 mg/m^3
Max	0.024 mg/m^3
Max Date	06/04/2018
Max Time	10:14:20
Min	0.016 mg/m^3
Min Date	06/04/2018
Min Time	11:14:20
TWA (8 hr)	0.006
TWA Start Date	06/04/2018
TWA Start Time	09:44:20
TWA End Time	12:14:20

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	06/04/2018	10:14:20	0.024
2	06/04/2018	10:44:20	0.017
3	06/04/2018	11:14:20	0.016
4	06/04/2018	11:44:20	0.016
5	06/04/2018	12:14:20	0.024

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	06/04/2018
Instrument S/N	8530100906	Start Time	09:39:50
		Stop Date	06/04/2018
		Stop Time	14:39:50
		Total Time	0:05:00:00
		Logging Interval	1800 seconds

Statistics	
	AEROSOL
Avg	0.026 mg/m^3
Max	0.061 mg/m^3
Max Date	06/04/2018
Max Time	12:09:50
Min	0.006 mg/m^3
Min Date	06/04/2018
Min Time	10:09:50
TWA (8 hr)	0.016
TWA Start Date	06/04/2018
TWA Start Time	09:39:50
TWA End Time	14:39:50

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	06/04/2018	10:09:50	0.006
2	06/04/2018	10:39:50	0.009
3	06/04/2018	11:09:50	0.011
4	06/04/2018	11:39:50	0.015
5	06/04/2018	12:09:50	0.061
6	06/04/2018	12:39:50	0.020
7	06/04/2018	13:09:50	0.058
8	06/04/2018	13:39:50	0.023
9	06/04/2018	14:09:50	0.030
10	06/04/2018	14:39:50	0.029

ATTACHMENT E

PRECISION
ENVIRONMENTAL SERVICES, INC.

PARTICLE SIZE DISTRIBUTION REPORT

Report Number: JB181071.0001
Service Date: 05/21/18
Report Date: 05/21/18
Task:

DENTE A Terracon COMPANY
594 Broadway
Watervliet, NY 12189-3709
518-266-0310

Client

Precision Environmental Services, Inc.
Attn: Steve Phelps
831 Route 67, Lot 38A
Ballston Spa, NY 12020

Project

566 Washington Avenue Compaction Testing
566 Washington Avenue
Albany, NY

Project Number: JB181071

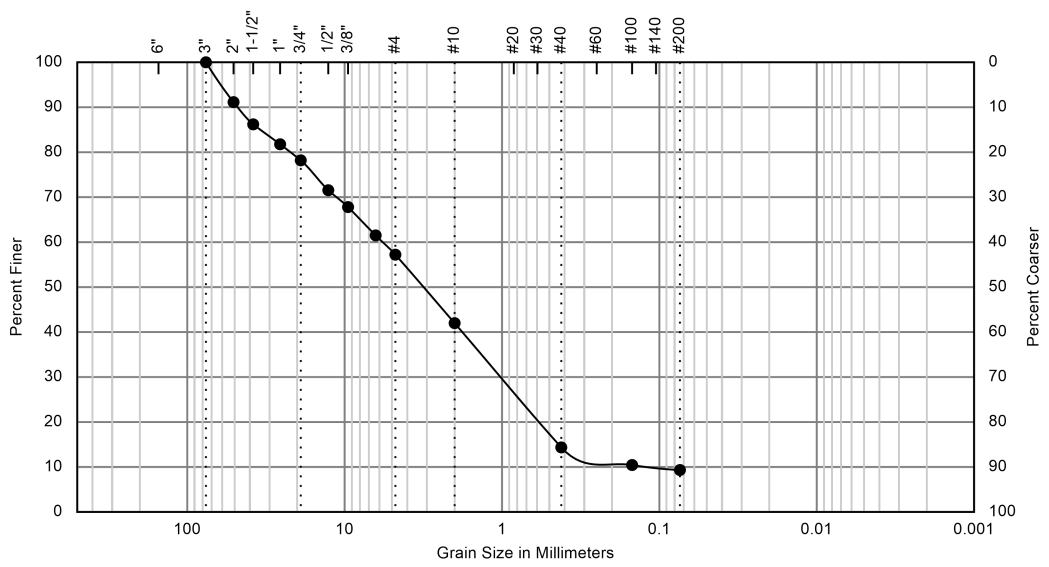
Sample Information

Sample Type:	Bulk
Sample Location:	Hoffay's Pit
Sample Description:	M-C-F SAND and C-F GRAVEL, trace silt
USCS:	Well-graded sand with silt and gravel (SW-SM)

Laboratory Test Data

Test Method:	ASTM D6913
Method:	NA
Atterberg Limits:	LL Air - 0, LL Oven - 0, PL - 0, PI - 0
Sample Preparation:	Oven Dried
Sieving Method:	Composite Sieving-Single Separation

Sieve Size	Percent Finer	Spec.*	Pass (X=Fail)
3"	100.0		
2"	91.1		
1-1/2"	86.2		
1"	81.8		
3/4"	78.2		
1/2"	71.6		
3/8"	67.8		
1/4"	61.5		
#4	57.2		
#10	42.0		
#40	14.4		
#100	10.4		
#200	9.3		



% Cobbles	% Gravel - 42.8		% Sand - 47.9			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	21.8	21.0	15.2	27.6	5.0	9.3

D_{60}=5.75	D_{30}=1.02	D_{10}=0.12	C_c = 1.5	C_u = 47.9	FM =

*

Comments:

Services: Perform gradation analysis on sample of material returned to the office in general accordance with ASTM D6913.
Dente Group - A Terracon Co. Rep.: Nicholas Despart
Reported To: N/A
Contractor: Precision Environmental
Report Distribution:
(1) Precision Environmental Services, Inc., Steve Phelps

Reviewed By: Joseph Robichaud Jr.
J. Robichaud, P.E.
Department Manager

Test Methods: ASTM D6913

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

Report Number: JB181071.0001A
Service Date: 05/21/18
Report Date: 05/21/18

DENTE A Terracon COMPANY
594 Broadway
Watervliet, NY 12189-3709
518-266-0310

Client

Precision Environmental Services, Inc.
Attn: Steve Phelps
831 Route 67, Lot 38A
Ballston Spa, NY 12020

Project

566 Washington Avenue Compaction Testing
566 Washington Avenue
Albany, NY

Project Number: JB181071

Material Information

Source of Material: Hoffay's Pit
Proposed Use:

Sample Information

Sample Date: 05/15/18
Sampled By:
Sample Location: Stockpile

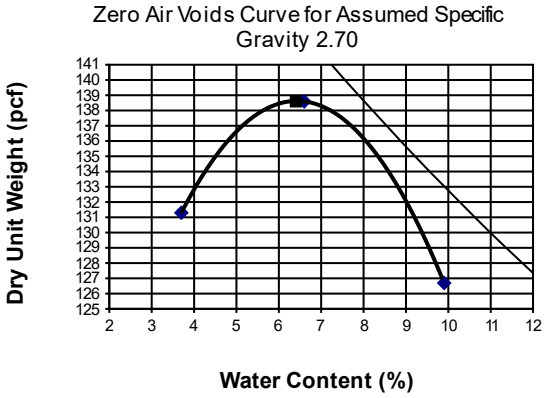
Sample Description: M-C-F SAND and C-F GRAVEL, trace silt

Laboratory Test Data

Test Procedure: ASTM D1557
Test Method: Method C
Sample Preparation: Dry
Rammer Type: Manual
Maximum Dry Unit Weight (pcf): 138.6
Optimum Water Content (%): 6.4

	Result	Specifications
Liquid Limit:	Non-plastic	
Plastic Limit:	Non-plastic	
Plasticity Index:	Non-plastic	
In-Place Moisture (%):		

USCS: SW-SM



Comments:

Services:

Dente Group - A Terracon Co. Rep.: Nicholas Despart
Reported To: N/A
Contractor: Precision Environmental

Report Distribution:

(1) Precision Environmental Services, Inc., Steve Phelps

Reviewed By: Joseph Robichaud Jr.

J. Robichaud, P.E.
Department Manager

Test Methods: ASTM D698, ASTM D4318, ASTM D4647, ASTM D4718

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

Report Number: JB181071.0001B
Service Date: 05/21/18
Report Date: 05/21/18

DENTE A Terracon COMPANY
594 Broadway
Watervliet, NY 12189-3709
518-266-0310

Client

Precision Environmental Services, Inc.
Attn: Steve Phelps
831 Route 67, Lot 38A
Ballston Spa, NY 12020

Project

566 Washington Avenue Compaction Testing
566 Washington Avenue
Albany, NY

Project Number: JB181071

Material Information

Source of Material: Hoffay's Pit
Proposed Use:

Sample Information

Sample Date: 05/15/18
Sampled By:
Sample Location: Stockpile

Sample Description: M-C-F SAND and C-F GRAVEL, trace silt

Laboratory Test Data

Test Procedure: ASTM D1557
Test Method: Method C
Sample Preparation: Dry
Rammer Type: Manual

	Result	Specifications
Liquid Limit:	Non-plastic	
Plastic Limit:	Non-plastic	
Plasticity Index:	Non-plastic	
In-Place Moisture (%):		

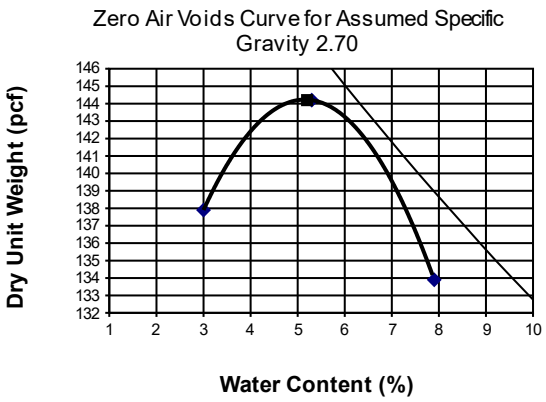
USCS: SW-SM

Oversized Particles (%): 21.8
Moisture (%): 0.5
Sieve for Oversize Fraction: 3/4

Assumed Bulk Specific Gravity of Oversized Particles: 2.7

Corrected for Oversized Particles (ASTM D4718)
Maximum Dry Unit Weight (pcf): **144.2**
Optimum Water Content (%): **5.2**

Uncorrected Values
Maximum Dry Unit Weight (pcf): **138.6**
Optimum Water Content (%): **6.4**



Comments:

Services:

Dente Group - A Terracon Co. Rep.: Nicholas Despart
Reported To: N/A
Contractor: Precision Environmental

Report Distribution:

(1) Precision Environmental Services, Inc., Steve Phelps

Reviewed By: Joseph Robichaud Jr.

J. Robichaud, P.E.
Qualified Professional

Test Methods: ASTM D698, ASTM D4318, ASTM D4647, ASTM D4718

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

PARTICLE SIZE DISTRIBUTION REPORT

Report Number: JB181071.0002
Service Date: 05/21/18
Report Date: 05/21/18
Task:

DENTE A Terracon COMPANY
594 Broadway
Watervliet, NY 12189-3709
518-266-0310

Client

Precision Environmental Services, Inc.
Attn: Steve Phelps
831 Route 67, Lot 38A
Ballston Spa, NY 12020

Project

566 Washington Avenue Compaction Testing
566 Washington Avenue
Albany, NY

Project Number: JB181071

Sample Information

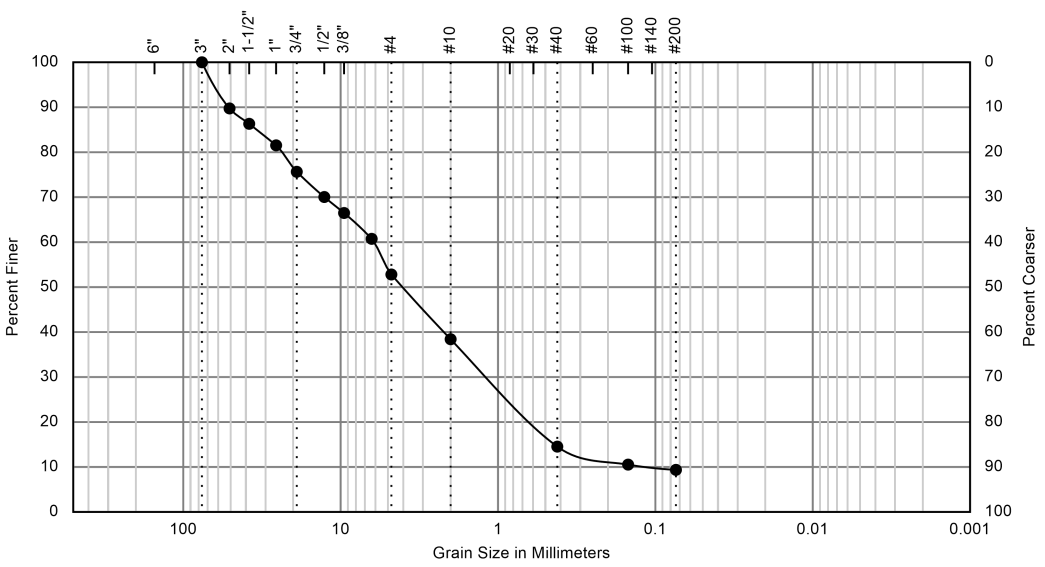
Sample Type:	Bulk
Sample Location:	Hoffay's Pit
Sample Description:	C-F GRAVEL and M-C-F SAND, trace silt
USCS:	Well-graded gravel with silt and sand (GW-GM)

Laboratory Test Data

Test Method:	ASTM D6913
Method:	NA
Atterberg Limits:	LL Air - 0, LL Oven - 0, PL - 0, PI - 0
Sample Preparation:	Oven Dried
Sieving Method:	Composite Sieving-Single Separation

Sieve Size	Percent Finer	Spec.*	Pass (X=Fail)
3"	100.0		
2"	89.7		
1-1/2"	86.3		
1"	81.5		
3/4"	75.7		
1/2"	70.0		
3/8"	66.5		
1/4"	60.7		
#4	52.8		
#10	38.4		
#40	14.5		
#100	10.5		
#200	9.4		

*



% Cobbles	% Gravel - 47.2		% Sand - 43.4			% Fines
	Coarse	Fine	Coarse	Medium	Fine	
0.0	24.3	22.8	14.4	23.9	5.2	9.4

D_{60}	D_{30}	D_{10}	C_c	C_u	FM
6.10	1.20	0.12	2.0	50.8	

Comments:

Services: Perform gradation analysis on sample of material returned to the office in general accordance with ASTM D6913.
Dente Group - A Terracon Co. Rep.: Nicholas Despart
Reported To: N/A
Contractor: Precision Environmental
Report Distribution:
(1) Precision Environmental Services, Inc., Steve Phelps

Reviewed By: Joseph Robichaud Jr.
J. Robichaud, P.E.
Department Manager

Test Methods: ASTM D6913

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

Report Number: JB181071.0002A
Service Date: 05/21/18
Report Date: 05/21/18

DENTE A Terracon COMPANY
594 Broadway
Watervliet, NY 12189-3709
518-266-0310

Client

Precision Environmental Services, Inc.
Attn: Steve Phelps
831 Route 67, Lot 38A
Ballston Spa, NY 12020

Project

566 Washington Avenue Compaction Testing
566 Washington Avenue
Albany, NY

Project Number: JB181071

Material Information

Source of Material: Hoffay's Pit
Proposed Use:

Sample Information

Sample Date: 05/15/18
Sampled By:
Sample Location: Stockpile

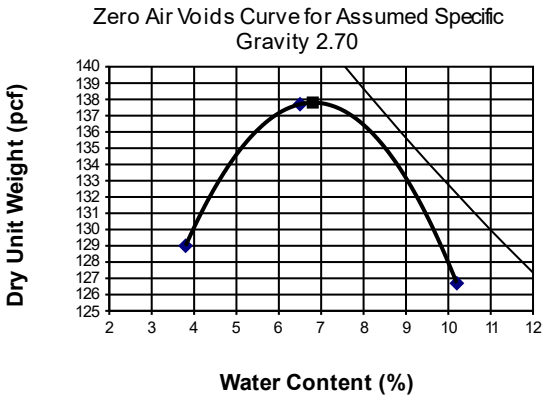
Sample Description: C-F GRAVEL and M-C-F SAND, trace silt

Laboratory Test Data

Test Procedure: ASTM D1557
Test Method: Method C
Sample Preparation: Dry
Rammer Type: Manual
Maximum Dry Unit Weight (pcf): 137.8
Optimum Water Content (%): 6.8

	Result	Specifications
Liquid Limit:	Non-plastic	
Plastic Limit:	Non-plastic	
Plasticity Index:	Non-plastic	
In-Place Moisture (%):		

USCS: GW-GM



Comments:

Services:

Dente Group - A Terracon Co. Rep.: Nicholas Despart
Reported To: N/A
Contractor: Precision Environmental

Report Distribution:

(1) Precision Environmental Services, Inc., Steve Phelps

Reviewed By: Joseph Robichaud Jr.

J. Robichaud, P.E.
Department Manager

Test Methods: ASTM D698, ASTM D4318, ASTM D4647, ASTM D4718

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

LABORATORY COMPACTION CHARACTERISTICS OF SOIL REPORT

Report Number: JB181071.0002B
Service Date: 05/21/18
Report Date: 05/21/18

DENTE A Terracon COMPANY
594 Broadway
Watervliet, NY 12189-3709
518-266-0310

Client

Precision Environmental Services, Inc.
Attn: Steve Phelps
831 Route 67, Lot 38A
Ballston Spa, NY 12020

Project

566 Washington Avenue Compaction Testing
566 Washington Avenue
Albany, NY

Project Number: JB181071

Material Information

Source of Material: Hoffay's Pit
Proposed Use:

Sample Information

Sample Date: 05/15/18
Sampled By:
Sample Location: Stockpile

Sample Description: C-F GRAVEL and M-C-F SAND, trace silt

Laboratory Test Data

Test Procedure: ASTM D1557
Test Method: Method C
Sample Preparation: Dry
Rammer Type: Manual

	Result	Specifications
Liquid Limit:	Non-plastic	
Plastic Limit:	Non-plastic	
Plasticity Index:	Non-plastic	
In-Place Moisture (%):		

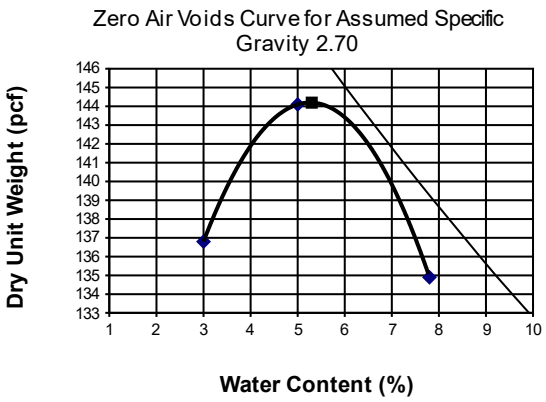
USCS: GW-GM

Oversized Particles (%): 24.4
Moisture (%): 0.5
Sieve for Oversize Fraction: 3/4

Assumed Bulk Specific Gravity of Oversized Particles: 2.7

Corrected for Oversized Particles (ASTM D4718)
Maximum Dry Unit Weight (pcf): **144.2**
Optimum Water Content (%): **5.3**

Uncorrected Values
Maximum Dry Unit Weight (pcf): **137.8**
Optimum Water Content (%): **6.8**



Comments:

Services:

Dente Group - A Terracon Co. Rep.: Nicholas Despart
Reported To: N/A
Contractor: Precision Environmental

Report Distribution:

(1) Precision Environmental Services, Inc., Steve Phelps

Reviewed By: Joseph Robichaud Jr.

J. Robichaud, P.E.
Department Manager

Test Methods: ASTM D698, ASTM D4318, ASTM D4647, ASTM D4718

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: JB181071.0003
Service Date: 05/31/18
Report Date: 06/01/18
Task:

DENTE A Terracon COMPANY
594 Broadway
Watervliet, NY 12189-3709
518-266-0310

Client

Precision Environmental Services, Inc.
Attn: Steve Phelps
831 Route 67, Lot 38A
Ballston Spa, NY 12020

Project

566 Washington Avenue Compaction Testing
566 Washington Avenue
Albany, NY

Project Number: JB181071

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data: Optimum Water Content (%)	Lab Test Data: Max. Lab Density (pcf)	Project Requirements: Water Content (%)	Project Requirements: Compaction (%)
1	JB181071.0001A	M-C-F SAND and C-F GRAVEL, trace silt	ASTM D1557	6.4	138.6		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
	East side of lot, South of center								
1	Same as General Location	-9' SG	1	10	145.1	7.7	5.6	137.4	99.1

Datum:
S/N: **Make:** **Model:** **Last Cal. Date:**

Comments: **Test and/or retest results on this report meet project requirements as noted above.**

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Dente Group - A Terracon Co. Rep.: J. Canonico
Reported To: Foreman
Contractor: Precision
Report Distribution:
(1) Precision Environmental Services, Inc., Steve Phelps

Reviewed By: Joseph Robichaud, P.E.
J. Robichaud, P.E.
Department Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

FIELD DENSITY TEST REPORT

Report Number: JB181071.0004
Service Date: 06/01/18
Report Date: 06/01/18
Task:

DENTE A Terracon COMPANY
594 Broadway
Watervliet, NY 12189-3709
518-266-0310

Client

Precision Environmental Services, Inc.
Attn: Steve Phelps
831 Route 67, Lot 38A
Ballston Spa, NY 12020

Project

566 Washington Avenue Compaction Testing
566 Washington Avenue
Albany, NY

Project Number: JB181071

Material Information

Mat. No.	Proctor Ref. No.	Classification and Description	Laboratory Test Method	Lab Test Data: Optimum Water Content (%)	Lab Test Data: Max. Lab Density (pcf)	Project Requirements: Water Content (%)	Project Requirements: Compaction (%)
1	JB181071.0001B	M-C-F SAND and C-F GRAVEL, trace silt	ASTM D1557	5.2	144.2		Min 95.0

Field Test Data

Test No.	Test Location	Lift / Elev.	Mat. No.	Probe Depth (in)	Wet Density (pcf)	Water Content (pcf)	Water Content (%)	Dry Density (pcf)	Percent Compaction (%)
	Contaminated Excavation								
1	SW end of excavation	-6' EG	1	10	148.3	8.8	6.3	139.5	96.7
2	SW end of excavation	-5' EG	1	10	150.8	9.9	7.0	140.9	97.7
3	SW end of excavation	-4' EG	1	10	146.1	7.2	5.2	138.9	96.3
4	SW end of excavation	-3' EG	1	10	144.7	7.5	5.5	137.2	95.1

Datum: EG: existing grade **Std. Cnt. M:** 594 **Std. Cnt. D:** 1899
S/N: 24855 **Make:** Troxler **Model:** 3430 **Last Cal. Date:**
Comments: **Test and/or retest results on this report meet project requirements as noted above.**

Services: Perform in-place density and moisture content tests to determine degree of compaction and material moisture condition.
Dente Group - A Terracon Co. Rep.: A. Barron
Reported To: Precision Excavation owner and forman
Contractor: Precision Envirnomental
Report Distribution:
(1) Precision Environmental Services, Inc., Steve Phelps

Reviewed By: Joseph Robichaud Jr.
J. Robichaud, P.E.
Department Manager

Test Methods: ASTM D6938

The tests were performed in general accordance with applicable ASTM, AASHTO, or DOT test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent of our company. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

ATTACHMENT F

PRECISION
ENVIRONMENTAL SERVICES, INC.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Bureau of Program Management
625 Broadway, 12th Floor, Albany, NY 12233-7012
P: (518) 402-9764 I F: (518) 402-9722
www.dec.ny.gov

December 7, 2017

Mr. Stephen Phelps
Precision Environmental Services, Inc.
831 Route 67, Lot 38A
Ballston Spa, NY 12020

Re: Request for Contained-In Determination
Former RKO Drycleaners, Ballston Spa, NY
SSF Site No. 401065

Dear Mr. Phelps:

We have completed our review of the soil data (Lab Report No: AC85841 and 480-120240-1) submitted with your December 7, 2017 requesting a "contained-in" determination for the disposal of. Concentrations detected for individual VOCs were all significantly less than their current "contained-in" soil action levels, and Land Disposal Restriction concentrations.

Concentrations for tetrachloroethene (PCE) and trichloroethene (TCE) were below its TCLP regulatory level, the soil "contained-in" action level and the Land Disposal Restriction concentration. Therefore, soil excavated within the following boring locations (see attached figure) do not have to be managed as hazardous waste and can be transported off-site to either Town of Colonie landfill or City of Albany landfill for disposal as non-haz:

Boring Location	**Boring Location**
SP-6 (0-7ft bgs)	SP-7 (0-7 ft bgs)
SP-3 (0-7 ft bgs)	SP-11 (0-7 ft bgs)
SP-10 (0-7 ft bgs)	SP-5 (0-7 ft bgs)
MP6-SS (0-7 ft bgs)	

Soils from the following boring locations SP-3 (8-10 ft bgs), SP-11 (8-10 ft bgs), need to be evaluated further to see if they may meet the Contained-in. Based on your Excavation & Segmentation, these soil will be sampled separately and evaluated to see if they meet New York State Department of Environmental Conservation's "Contained-in" Determination Criteria.

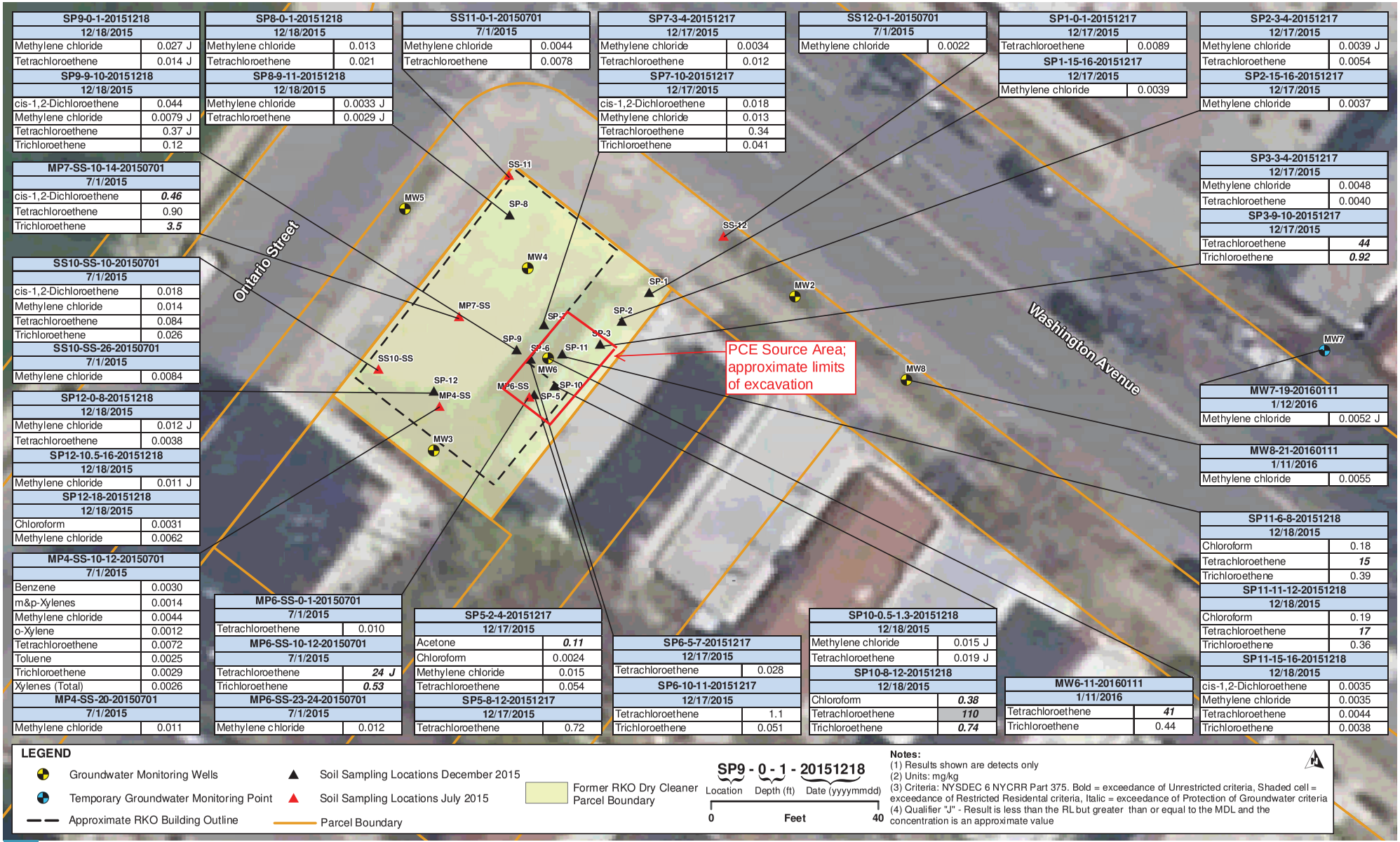
Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9611 or email me at henry.wilkie@dec.ny.gov.

Sincerely,



Henry Wilkie
Environmental Engineer 1
Resource Management Section

ec: K Forster, DER



SP9-0-1-20151218	
12/18/2015	
Methylene chloride	0.027 J
Tetrachloroethene	0.014 J
SP9-9-10-20151218	
12/18/2015	
cis-1,2-Dichloroethene	0.044
Methylene chloride	0.0079 J
Tetrachloroethene	0.37 J
Trichloroethene	0.12

SP8-0-1-20151218	
12/18/2015	
Methylene chloride	0.013
Tetrachloroethene	0.021
SP8-9-11-20151218	
12/18/2015	
Methylene chloride	0.0033 J
Tetrachloroethene	0.0029 J

SS11-0-1-20150701	
7/1/2015	
Methylene chloride	0.0044
Tetrachloroethene	0.0078

SP7-3-4-20151217	
12/17/2015	
Methylene chloride	0.0034
Tetrachloroethene	0.012
SP7-10-20151217	
12/17/2015	
cis-1,2-Dichloroethene	0.018
Methylene chloride	0.013
Tetrachloroethene	0.34
Trichloroethene	0.041

SS12-0-1-20150701	
7/1/2015	
Methylene chloride	0.0022

SP1-0-1-20151217	
12/17/2015	
Tetrachloroethene	0.0089
SP1-15-16-20151217	
12/17/2015	
Methylene chloride	0.0039

SP2-3-4-20151217	
12/17/2015	
Methylene chloride	0.0039 J
Tetrachloroethene	0.0054
SP2-15-16-20151217	
12/17/2015	
Methylene chloride	0.0037

MP7-SS-10-14-20150701	
7/1/2015	
cis-1,2-Dichloroethene	***0.46***
Tetrachloroethene	0.90
Trichloroethene	***3.5***

SP3-3-4-20151217	
12/17/2015	
Methylene chloride	0.0048
Tetrachloroethene	0.0040
SP3-9-10-20151217	
12/17/2015	
Tetrachloroethene	***44***
Trichloroethene	***0.92***

SS10-SS-10-20150701	
7/1/2015	
cis-1,2-Dichloroethene	0.018
Methylene chloride	0.014
Tetrachloroethene	0.084
Trichloroethene	0.026
SS10-SS-26-20150701	
7/1/2015	
Methylene chloride	0.0084

SP12-0-8-20151218	
12/18/2015	
Methylene chloride	0.012 J
Tetrachloroethene	0.0038
SP12-10.5-16-20151218	
12/18/2015	
Methylene chloride	0.011 J
SP12-18-20151218	
12/18/2015	
Chloroform	0.0031
Methylene chloride	0.0062

MW7-19-20160111	
1/12/2016	
Methylene chloride	0.0052 J

MW8-21-20160111	
1/11/2016	
Methylene chloride	0.0055

MP4-SS-10-12-20150701	
7/1/2015	
Benzene	0.0030
m&p-Xylenes	0.0014
Methylene chloride	0.0044
o-Xylene	0.0012
Tetrachloroethene	0.0072
Toluene	0.0025
Trichloroethene	0.0029
Xylenes (Total)	0.0026
MP4-SS-20-20150701	
7/1/2015	
Methylene chloride	0.011

MP6-SS-0-1-20150701	
7/1/2015	
Tetrachloroethene	0.010
MP6-SS-10-12-20150701	
7/1/2015	
Tetrachloroethene	***24 J***
Trichloroethene	***0.53***
MP6-SS-23-24-20150701	
7/1/2015	
Methylene chloride	0.012

SP5-2-4-20151217	
12/17/2015	
Acetone	***0.11***
Chloroform	0.0024
Methylene chloride	0.015
Tetrachloroethene	0.054
SP5-8-12-20151217	
12/17/2015	
Tetrachloroethene	0.72

SP6-5-7-20151217	
12/17/2015	
Tetrachloroethene	0.028
SP6-10-11-20151217	
12/17/2015	
Tetrachloroethene	1.1
Trichloroethene	0.051

SP10-0.5-1.3-20151218	
12/18/2015	
Methylene chloride	0.015 J
Tetrachloroethene	0.019 J
SP10-8-12-20151218	
12/18/2015	
Chloroform	***0.38***
Tetrachloroethene	***110***
Trichloroethene	***0.74***

MW6-11-20160111	
1/11/2016	
Tetrachloroethene	***41***
Trichloroethene	0.44

SP11-6-8-20151218	
12/18/2015	
Chloroform	0.18
Tetrachloroethene	***15***
Trichloroethene	0.39
SP11-11-12-20151218	
12/18/2015	
Chloroform	0.19
Tetrachloroethene	***17***
Trichloroethene	0.36
SP11-15-16-20151218	
12/18/2015	
cis-1,2-Dichloroethene	0.0035
Methylene chloride	0.0035
Tetrachloroethene	0.0044
Trichloroethene	0.0038

LEGEND

- Groundwater Monitoring Wells
- Temporary Groundwater Monitoring Point
- Approximate RKO Building Outline
- Soil Sampling Locations December 2015
- Soil Sampling Locations July 2015
- Parcel Boundary
- Former RKO Dry Cleaner Parcel Boundary

SP9 - 0 - 1 - 20151218
Location | Depth (ft) | Date (yyyymmdd)

0 Feet 40

Notes:
(1) Results shown are detects only
(2) Units: mg/kg
(3) Criteria: NYSDEC 6 NYCRR Part 375. Bold = exceedance of Unrestricted criteria, Shaded cell = exceedance of Restricted Residental criteria, Italic = exceedance of Protection of Groundwater criteria
(4) Qualifier "J" - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

SOIL SAMPLING RESULTS – VOCS

FORMER RKO DRY CLEANERS (NYSDEC SITE #401065)

FIGURE 3

ATTACHMENT G

PRECISION
ENVIRONMENTAL SERVICES, INC.

NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 796552
Date: 5/29/2018
Time: 14:58:33 - 15:18:22

Customer: LE00266/CAPITOL ENVIRONMENT
Carrier: RIC/RICCELLI
Truck: RIC62
Truck Type: DT/DUMP TRUCK
Profile: 20393/NYSDEC RKO DRYCLEANER
Generator: RKO/RKO DRYCLEANERS
Grid: PH9C/PH9C-1

Comment: 20393/052918-004

Gross: 70580 L In Scale 1
Tare: 28620 L Out Scale 2
Net: 41960 L

Tons: 20.98

Materials & Services

Origin: AY/ALBANY
Material: IN/INDUSTRIAL WASTE
Quantity: 20.98 Ton

Weighmaster: Lisa

Driver:

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

****

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: NOT REQUIRED	2. Page 1 of: 1	3. Emergency Response Phone	4. Waste Tracking Number: 52918-004

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC-FKO Dry Cleaner Site
625 Broadway, Albany, NY 12233
Generator's Phone: (518) 402-9814 Attn: Kyle Forster

Generator's Site Address (if different than mailing address)
568 Washington Street
Albany, NY 12203

6. Transporter 1 Company Name: Rizalli Trucking Inc.
U.S. EPA ID Number: 7A-434

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Ontario County Landfill
3555 Post Farm Rd., Stanley, NY 14561
Facility's Phone: (585) 526-4420
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/RCRA Regulated Material	1	DT	20	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App. #: 20393

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ms. Sarah Stapleton Phelps
Signature:
Month: 05 Day: 29 Year: 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DARREN LAROE
Signature:
Month: 05 Day: 29 Year: 18

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name
Signature
Month: Day: Year:

NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 796536
Date: 5/29/2018
Time: 14:04:16 - 14:30:41

Customer: LE00266/CAPITOL ENVIRONMENT
Carrier: RIC/RICCELLI
Truck: RIC321
Truck Type: DR/DUMP TRAILER
Profile: 20393/NYSDEC RKO DRYCLEANER
Generator: RKO/RKO DRYCLEANERS
Grid: PH9C/PH9C-1

Comment: 20393/052918-002

Gross: 65820 L In Scale 1
Tare: 28540 L Out Scale 2
Net: 37280 L

Tons: 18.64

Materials & Services

Origin: AY/ALBANY
Material: IN/INDUSTRIAL WASTE
Quantity: 18.64 Ton

Weighmaster: NANCY

Driver:

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

****

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NOT REQUIRED	1		052918 -00 2

5. Generator's Name and Mailing Address

NYSDEC-RKO Dry Cleaner Site
625 Broadway, Albany, NY 12233

Generator's Phone: (518) 402-8844 Attn: Kyle Forster

Generator's Site Address (if different than mailing address)

568 Washington Street
Albany, NY 12203

6. Transporter 1 Company Name: Ricalli Trucking Inc. — U.S. EPA ID Number: 7A-434

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Rd., Stanley, NY 14561
Facility's Phone: (585) 526-4420

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/RCRA Regulated Material	1	DT	20	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

T. App. #: 20373

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kyle Forster, Solopka Chelsea — Signature — Month: 05 Day: 29 Year: 18

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: KEVIN J HARKOLA. — Signature — Month: 5 Day: 29 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month: 5 Day: 29 Year: 18

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 796547
Date: 5/29/2018
Time: 14:12:34 - 14:57:57

Customer: LE00266/CAPITOL ENVIRONMENT
Carrier: RIC/RICCELLI
Truck: RIC311
Truck Type: DT/DUMP TRUCK
Profile: 20393/NYSDEC RKO DRYCLEANER
Generator: RKO/RKO DRYCLEANERS
Grid: PH9C/PH9C-1

Comment: 20393/052918-003

Gross: 63860 L In Scale 1
Tare: 29400 L Out Scale 2
Net: 34460 L

Tons: 17.23

Materials & Services

Origin: AY/ALBANY
Material: IN/INDUSTRIAL WASTE
Quantity: 17.23 Ton

Weighmaster: NANCY

Driver: KD 311

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

****

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NOT REQUIRED	1		052918-003

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC-RKO Dry Cleaner Site
625 Broadway, Albany, NY 12233
Generator's Phone: (518) 402-8644 Attn: Kyle Fowler

Generator's Site Address (if different than mailing address)
566 Washington Street
Albany, NY 12203

6. Transporter 1 Company Name
Ricelli Trucking Inc.

U.S. EPA ID Number
7A-434

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Ontario County Landfill
3555 Post Farm Rd., Stanley, NY 14561
Facility's Phone: (585) 526-4420

U.S. EPA ID Number
NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/RCRA Regulated Material	1	DT	20	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App. #: 20393

INT'L

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kristen Agard, Stephen Phelps — Signature — Month: 05 Day: 29 Year: 18

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Kevin Pitman — Signature — Month: 5 Day: 29 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 796533
Date: 5/29/2018
Time: 13:44:49 - 14:26:38

Customer: LE00266/CAPITOL ENVIRONMENT
Carrier: RIC/RICCELLI
Truck: RIC48
Truck Type: DT/DUMP TRUCK
Profile: 20393/NYSDEC RKO DRYCLEANER
Generator: RKO/RKO DRYCLEANERS
Grid: PH9C/PH9C-1

Comment: 20393,052918-001

Gross: 79080 L In Scale 1
Tare: 28720 L Out Scale 2
Net: 50360 L

Tons: 25.18

Materials & Services

Origin: AY/ALBANY
Material: IN/INDUSTRIAL WASTE
Quantity: 25.18 Ton

Weighmaster: NANCY

Driver:

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

****

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1		052918 -001

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC RKO Dry Cleaner Site
625 Broadway, Albany, NY 12233
Generator's Phone: (518) 402-9044 Attn: Kyle Forster

Generator's Site Address (if different than mailing address)
598 Washington Street
Albany, NY 12203

6. Transporter 1 Company Name: Ricelli Trucking Inc — U.S. EPA ID Number: 7A-434

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Ontario County Landfill
3556 Post Farm Rd., Stanley, NY 14561
Facility's Phone: (585) 526-4420

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/RCRA Regulated Material	1	DT	20	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App. #: 20393

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: As Agent, Stepler Phyfs — Signature — Month: 05 Day: 29 Year: 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brian Root — Signature — Month: 5 Day: 29 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 796560
Date: 5/29/2018
Time: 15:04:33 - 15:33:40

Customer: LE00266/CAPITOL ENVIRONMENT
Carrier: RIC/RICCELLI
Truck: RT10
Truck Type: RO/ROLL OFF
Profile: 20393/NYSDEC RKO DRYCLEANER
Generator: RKO/RKO DRYCLEANERS
Grid: PH9C/PH9C-1

Comment: 20393/052918-005(5)

Gross: 68660 L In Scale 1
Tare: 27600 L Out Scale 2
Net: 41060 L

Tons: 20.53

Materials & Services

Origin: AY/ALBANY
Material: IN/INDUSTRIAL WASTE
Quantity: 20.53 Ton

Weighmaster: Lisa

Driver:

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

****

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NOT REQUIRED	1		052918-005(5)

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC-RKO Dry Cleaner Site
626 Broadway, Albany, NY 12233
Generator's Phone: (518) 402-8044 Attn: Kyle Forster

Generator's Site Address (if different than mailing address)
560 Washington Street
Albany, NY 12203

6. Transporter 1 Company Name: Ricelli Trucking Inc. — U.S. EPA ID Number: 7A-434

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Ontario County Landfill
3556 Post Farm Rd., Stanley, NY 14561
Facility's Phone: (585) 526-4420

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/IATA Regulated Material	1	DT	20	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
T. App. #: 20393

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kyle Forster, Stephen Rhodes — Signature — Month: 05 Day: 29 Year: 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ricelli Trucking RT10 Dens Patry — Signature — Month: 5 Day: 29 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Lisa Coon — Signature — Month Day Year

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY'S COPY

NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 796740
Date: 5/30/2018
Time: 13:29:26 - 13:55:39

Customer: LE00266/CAPITOL ENVIRONMENT
Carrier: RIC/RICCELLI
Truck: RT10
Truck Type: DT/DUMP TRUCK
Profile: 20393/NYSDEC RKO DRYCLEANER
Generator: RKO/RKO DRYCLEANERS
Grid: PH9C/PH9C-1

Comment: 20393/053018-006

Gross: 69300 L In Scale 1
Tare: 27700 L Out Scale 2
Net: 41600 L

Tons: 20.80

Materials & Services

Origin: AY/ALBANY
Material: IN/INDUSTRIAL WASTE
Quantity: 20.80 Ton

Weighmaster: NANCY

Driver:

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NOT REQUIRED	1		053018-006

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC-RKO Dry Cleaner Site
625 Broadway, Albany, NY 12233
Generator's Phone: (518) 402-9044 Attn: Kyle Forster

Generator's Site Address (if different than mailing address)
560 Washington Street
Albany, NY 12203

6. Transporter 1 Company Name: Ricelli Trucking Inc. — U.S. EPA ID Number: 7A-434

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Ontario County Landfill
3565 Post Farm Rd., Stanley, NY 14561
Facility's Phone: (585) 526-4420

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/RCRA Regulated Material	1	DT	20	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App. #: 20393

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: As Agent, Stephen Phelps — Signature — Month: 5 Day: 30 Year: 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ricelli Trucking Dean Lahey — Signature — Month: 5 Day: 30 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month — Day — Year

NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 796738
Date: 5/30/2018
Time: 13:28:01 - 13:54:01

Customer: LE00266/CAPITOL ENVIRONMENT
Carrier: RIC/RICCELLI
Truck: RIC48
Truck Type: DT/DUMP TRUCK
Profile: 20393/NYSDEC RKO DRYCLEANER
Generator: RKO/RKO DRYCLEANERS
Grid: PH9C/PH9C-1

Comment: 20393/053018-008

Gross: 54540 L In Scale 1
Tare: 28740 L Out Scale 2
Net: 25800 L

Tons: 12.90

Materials & Services

Origin: AY/ALBANY
Material: IN/INDUSTRIAL WASTE
Quantity: 12.90 Ton

Weighmaster: NANCY

Driver:

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

****

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NOT REQUIRED
2. Page 1 of: 1
3. Emergency Response Phone:
4. Waste Tracking Number: 053018-008

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC-RKO Dry Cleaner Site
625 Broadway, Albany, NY 12233
Generator's Phone: (518) 402-9044 Attn: Kyle Forster

Generator's Site Address (if different than mailing address)
566 Washington Street
Albany, NY 12203

6. Transporter 1 Company Name: Ricelli Trucking Inc.
U.S. EPA ID Number: 7A-434

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Ontario County Landfill
3555 Post Farm Rd., Stanley, NY 14561
Facility's Phone: (585) 526-4420
U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/RCRA Regulated Material	1	DT	20	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App. #: 20393

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: As Agent, Stephen Phelps
Signature:
Month: 5 Day: 30 Year: 17

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Brian Root
Signature:
Month: 5 Day: 30 Year: 18
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month: Day: Year:

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY'S COPY

NEWS NE / ONTARIO COUNTY LANDFILL

A Division of Casella Waste Systems
1879 NYS Route 5&20
Stanley, NY 14561

Ticket: 796737
Date: 5/30/2018
Time: 13:18:44 - 13:53:11

Customer: LE00266/CAPITOL ENVIRONMENT
Carrier: RIC/RICCELLI
Truck: RIC62
Truck Type: DT/DUMP TRUCK
Profile: 20393/NYSDEC RKO DRYCLEANER
Generator: RKO/RKO DRYCLEANERS
Grid: PH9C/PH9C-1

Comment: 20393,053018-007

Gross: 66840 L In Scale 1
Tare: 29200 L Out Scale 2
Net: 37640 L

Tons: 18.82

Materials & Services

Origin: AY/ALBANY
Material: IN/INDUSTRIAL WASTE
Quantity: 18.82 Ton

Weighmaster: NANCY

Driver:

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

****

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT REQUIRED	1		053018-007

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC-RKO Dry Cleaner Site
625 Broadway, Albany, NY 12233
Generator's Phone: (518) 402-9844 Attn: Kyle Forster

Generator's Site Address (if different than mailing address)
563 Washington Street
Albany, NY 12203

6. Transporter 1 Company Name: Rosili Trucking Inc. — U.S. EPA ID Number: 7A-434

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Ontario County Landfill
3565 Post Farm Rd., Stanley, NY 14561
Facility's Phone: (585) 526-4420

U.S. EPA ID Number: NOT REQUIRED

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/RCRA Regulated Material	1	DM	20	T	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1. App. #: 20393

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: As Agent, Stephen Phelps — Signature — Month: 05 Day: 30 Year: 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DARREN LAZORE — Signature — Month: 05 Day: 30 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Allen Gilmer — Signature — Month: 06 Day: 01 Year: 18

169-BLC-O 6 10498 (Rev. 9/09)

DESIGNATED FACILITY'S COPY

Englobe

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

P-10994

N' d'autorisation / *Authorization No.*: M15707

Plage de contamination / *Contamination level* :

☐ *AB* ☐ *BC* ☐ *>C* ☒ *>RESC (>D)*

☐ Autres / *Other*: _____

Transporteur / *Carrier*: Goulet

Immatriculation / *Truek ID*: 5082A 2918404

Signature du conducteur / *Driver's signature*

Acceptation des sols / *Soil acceptance*

Lot 3235 AT 11 (22-23)

Polythène	☑ OUI	☐ NON
Sable	☑ OUI	☐ NON
Humide	☑ OUI	☐ NON

Pesée / Weighing:

ID 508229110404
GROSS 40920 kg
TARE 16830 kg
NET 24090 kg

Manifeste Canada 9777104-2

Manifeste USA 0149839987JK

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement.

9777104-2

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

M15207

A Generator / consignor / Producteur / expéditeur — Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 1: NYR000136788

Company name / Nom de l'entreprise: EQ Northeast, inc.

Mailing address / Adresse postale: 10, Terminal Drive, Latham, NY, 12110

E-mail / Courrier électronique:

Tel. No. / N° de tél.: (800-782-2539

Shipping site address / Adresse du lieu de l'expédition: 10, Terminal Drive,

City / Ville: Latham — Province: NY — Postal code / Code postal: 12110

Intended Receiver / consignee / Réceptionnaire / destinataire prévu 2

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206

Company name: Englobe Corp.

Mailing address / Adresse postale: 8363 Ave. Broadway Nord, Mtl, QC H1B 5X7

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 514 644-1405

Receiving site address / Adresse du lieu de destination: 8363 Avenue Broadway Nord

City / Ville: Montreal-Est — Province: Quebec — Postal code / Code postal: H1B 5X7

B Carrier / Transporteur — Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 23: R-587262-8

Company name / Nom de l'entreprise: Goulet Trucking

Mailing address / Adresse postale: 20 Industrial DR W — City / Ville: So. Deerfield — Province: MA

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 413 665-1323

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. 24
Trailer - Rail car No. 1 / 1re remorque - wagon	3918404	ME
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: St-Bernard Lacolle Qc — Port of exit / Point de sortie: Champlain, NY

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.* 26
Attestation du transporteur : *J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): Bob Caoo

Tel. No. / N° de tél.: 413 665 1323

Year / Année: 18 — Month / Mois: 07 — Day / Jour: 23 — Signature:

C Receiver / consignee / Réceptionnaire / destinataire — Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 28: 1167280206

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés 27: 01498399811k

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☒ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise

Mailing address / Adresse postale

City / Ville — Province — Postal code / Code postal

E-mail / Courrier électronique — Tel. No. / N° de tél. ( )

Receiving site address / Adresse du lieu de destination

Date received / Date de réception 29 — Year / Année: 2018 — Month / Mois: 07 — Day / Jour: 23

Time / Heure: 13h50 ☐ A.M. ☒ P.M.

If waste or recyclable material to be transferred, specify intended company name/ Si les dechets ou matières recyclables doivent être transférés, préciser le nom du destinataire 30

Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial

(i)	Prov. code / Code prov. 3	Shipping name / Appellation réglementaire 4	Class / Classe Sub. class(es) / Classe(s) sub. 5	UN No. / N°NU 6	Packing / risk gr. / Gr. d'emballage / de risque 7	Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités 8	Packaging / Contenant No. / N° 9	Codes Int – ext.	Phys. state / État phys. 10
(i)	0018	Waste, Environmentally Hazardous	9	N3077	III	20,000	kg	01	01	S23
(ii)		Substance, Solid, N.O.S. (Tetrachloroethylene)								
(iii)										
(iv)										

(i)	Quantity received / Quantité reçue	Units / L or / ou kg / Unités 31	Comments / Commentaires 32	Handling Code / Code de manutention 33	Shipment / Envoi Accepted / Accepté 34	Refused / Refusé	Decont. Pack / Cont	Veh. / Véh. 35
(i)	24000	kg	OK	5	X		OK	OK
(ii)								
(iii)								
(iv)								

(i)	Notice No. / N° de notification 11	Notice Line No. / N° de ligne de la notification	Shipment / Envoi 12	Of / De	D or R code / Code D ou R 13	C code / Code C 14	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE 15	H code / Code H 16	Y code / Code Y 17	National code in country of / Code du pays 18: Export / Exportation	Import / Importation	Customs code(s) / Code(s) de douanes 19
(i)	702319	4		999	D8	C41	A3150	H12	Y41	-	-	3825.90.00.00
(ii)												
(iii)												
(iv)												

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) 36

Generator / consignor certification: *I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
Attestation du producteur / expéditeur: *J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie)

Signature: Kelly Bray

Tel. No. / N° de tél. 20: 508 803 1214

Receiver / consignee certification : *I certify that the information contained in Part C is correct and complete. /* ***Attestation du réceptionnaire / destinataire :*** *J'atteste que tous les renseignements à la partie C sont exacts et complets.* 37

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie)

Signature:

Tel. No. / N° de tél. ( )

Special handling / Manutention spéciale 22
☐ Attached /Ci-joint: ☐ As follows/ Ci-contre:

Emergency Contact:
CANUTEC 613-996-6666

Date shipped / Date d'expédition 21 — Year / Année: 18 — Month / Mois: 07 — Day / Jour: 23 — ☒ A.M. ☐ P.M. — 1000

Scheduled arrival date / Date d'arrivée prévue — Year / Année: 18 — Month / Mois: 07 — Day / Jour: 23

Instructions on reverse
Instructions au verso

Copy / Copie 3 (yellow / jaune)

130716

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD981563612	1	518-402-8644	014983998 JJK

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC-RKG – Dry Cleaners Site
566, Washington St. Albany, NY, 12203
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Gallet Trucking — U.S. EPA ID Number: MAC 300006038

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EnGlobe Corp.
8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7
Facility's Phone: 514 644-1405 — U.S. EPA ID Number: 1167280206

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PGIII (Tetrachloroethylene)	001	DT	70,000	P	D039 F002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ITN: x20180723421989
EQ NORTHEAST, INC. acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene
ERG #171 USEPA AOC #0167225E17004

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or 7b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: As Agent, Stephen Thofer — Signature — Month: 07 Day: 23 Year: 18

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain, NY
Transporter signature (for exports only): Date leaving U.S.: 7/23/18

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Bob LADD — Signature — Month: 07 Day: 23 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Net: 24090Kg — Manifest Reference Number: P-10994

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Marlon Arvelo — Signature — Month: 07 Day: 23 Year: 18

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Englobe

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

2018/07/23 14:47

P- 10995

N' d'autorisation / *Authorization No.*: M15207

Plage de contamination / *Contamination level* :

☐ *AB* ☐ *BC* ☐ *>C* ☒ *>RESC (>D)*

☐ Autres / *Other*: _____

Transporteur / *Carrier*: Gaulet

Immatriculation / *Truek ID*: 95978 20-5979 B

Signature du conducteur / *Driver's signature*

Acceptation des sols / *Soil acceptance*

Lot 3235 AT 11 (22 - 23)

Polythène	☑ OUI	☐ NON
Sable	☑ OUI	☐ NON
Humide	☑ OUI	☐ NON

Pesée / Weighing:

ID 959781793531
GROSS 48560 kg
TARE 16840 kg
NET 31720 kg

Manifeste Canada 9777106-7

Manifeste USA 014985142JJK

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement.

9777106-7

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

M15207

A Generator / consignor — Producteur / expéditeur

Registration No. / Provincial ID No. — N° d'immatriculation - d'id. provincial: NYR000136788

Company name / Nom de l'entreprise: EQ Northeast, inc.

Mailing address / Adresse postale: 10, Terminal Drive, Latham, NY, 12110

E-mail / Courrier électronique:

Tel. No. / N° de tél.: (800-782-2539

Shipping site address / Adresse du lieu de l'expédition: 10, Terminal Drive,

City / Ville: Latham — Province: NY — Postal code / Code postal: 12110

Intended Receiver / consignee — Réceptionnaire / destinataire prévu 2
Registration No. / Provincial ID No. — N° d'immatriculation - d'id. provincial: 1167280206

Engiobe Corp.

Mailing address / Adresse postale: 8365 Ave. Broadway Nord, Mtl, QC H1B 5X7

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 514 644-1405

Receiving site address / Adresse du lieu de destination: 8365 Avenue Broadway Nord

City / Ville: Montreal-Est — Province: Quebec — Postal code / Code postal: H1B 5X7

B Carrier — Transporteur

Registration No. / Provincial ID No. — N° d'immatriculation - d'id. provincial: 23 — RS87262.8

Company name / Nom de l'entreprise: Gaulet Trucking LLC

Mailing address / Adresse postale: 20 Ind. dr. W. S. Deerfield, MA — City / Ville — Province — Postal code / Code postal

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 413 665-1323

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. 24
Trailer - Rail car No. 1 — 1re remorque - wagon	205929B	ME
Trailer - Rail car No. 2 — 2e remorque - wagon		

Port of entry / Point d'entrée: St-Bernard Lacolle Qc

Port of exit / Point de sortie: Champlain, NY

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.*
Attestation du transporteur : *J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.* 26

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): Jim Harris

Tel. No. / N° de tél.: 413 246-8092

Year / Année: 18 — Month / Mois: 07 — Day / Jour: 23 — Signature: Jim Harris

C Receiver / consignee — Réceptionnaire / destinataire

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés: 01498514 2JJK

Registration No. / Provincial ID No. — N° d'immatriculation - d'id. provincial: 28 — 1167280206

Receiver / consignee information same as in Part A
Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☒ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise

Mailing address / Adresse postale

City / Ville — Province — Postal code / Code postal

E-mail / Courrier électronique

Tel. No. / N° de tél.: ( )

Receiving site address / Adresse du lieu de destination

Date received / Date de réception — Year / Année: 2018 — Month / Mois: 07 — Day / Jour: 23

Time / Heure: 29 — 14:10 ☐ A.M. ☒ P.M.

If waste or recyclable material to be transferred, specify intended company name/ Si les dechets ou matières recyclables doivent être transférés, préciser le nom du destinataire: 30

Registration No./Provincial ID No. — N° d'immatriculation/d'id provincial

(i)	Prov. code / Code prov. 3	Shipping name / Appellation réglementaire 4	Class / Classe Sub. class(es) / Classe(s) sub. 5	UN No. / N° NU 6	Packing / risk gr. / Gr. d'emballage/ de risque 7	Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités 8	Packaging/Contenant No. / N° 9	Codes Int – ext.	Phys. state / État phys. 10
(i)	0018	Waste, Environmentally Hazardous	9	N3077	III	20,000	kg	01	01	S23
(ii)		Substance, Solid, N.O.S. (Tetrachloroethylene)								
(iii)										
(iv)										

(i)	Quantity received / Quantité reçue	Units / L or / ou kg / Unités 31	Comments / Commentaires 32	Handling Code / Code de manutention 33	Shipment / Envoi Accepted / Accepté 34	Shipment / Envoi Refused / Refusé 34	Decont. Pack. / Cont. 35	Decont. Veh. / Véh. 35
(i)	31790	kg	OK	5	X		OK	
(ii)								
(iii)								
(iv)								

(i)	Notice No. / N° de notification 11	Notice Line No. / N° de ligne de la notification	Shipment / Envoi 12	Of / De	D or R code / Code D ou R 13	C code / Code C 14	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE 15	H code / Code H 16	Y code / Code Y 17	National code in country of / Code du pays: Export / Exportation 18	Import / Importation	Customs code(s) / Code(s) de douanes 19
(i)	702319	4		999	D8	C41	A3150	H12	Y41	-	-	3825.90.00.00
(ii)												
(iii)												
(iv)												

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier): 36

Receiver / consignee certification : *I certify that the information contained in Part C is correct and complete. /*
Attestation du réceptionnaire / destinataire : *J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): 37

Signature: Kelly Bray

Tel. No. / N° de tél.: ( )

Special handling / Manutention spéciale: 22
☐ Attached /Ci-joint: ☐ As follows/ Ci-contre:

Emergency Contact: CANUTEC 613-996-6666

Generator / consignor certification: *I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
Attestation du producteur / expéditeur: *J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie):

Tel. No. / N° de tél.: 20 — 508 8031254

Signature: Kelly Bray

Date shipped / Date d'expédition: 21 — Year / Année: 18 — Month / Mois: 07 — Day / Jour: 23

Time / Heure: ☒ A.M. ☐ P.M. — 07:30

Scheduled arrival date / Date d'arrivée prévue: Year / Année: 18 — Month / Mois: 07 — Day / Jour: 23

Instructions on reverse
Instructions au verso

Copy / Copie 3 (yellow / jaune)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD981563612
2. Page 1 of: 1
3. Emergency Response Phone: 518 402 8641
4. Manifest Tracking Number: 014985142 JJK

5. Generator's Name and Mailing Address
NYSDEC-RKO – Dry Cleaners Site
566, Washington St. Albany, NY, 12203
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Goulet Trucking — U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EnGlobe Corp.
8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7
Facility's Phone: 514 644-1405 — U.S. EPA ID Number: 1167280206

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PGIII (Tetrachloroethylene)	001	DT	70,000	P	D039 F002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ITN: X20180723422786
EQ NORTHEAST, INC. acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene
ERG #171 USEPA AOC #0167225E17004

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Agent Stephen Phelps — Signature — Month: 07 Day: 23 Year: 18

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain, NY
Transporter signature (for exports only): Jim Harris — Date leaving U.S.: 07/23/18

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jim Harris — Signature — Month: 07 Day: 23 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Net: 31720kg — Manifest Reference Number: P-10995

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Kathleen Arvelo — Signature — Month: 07 Day: 23 Year: 18

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Englobe

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

2018/07/23 14:

P- 10996

N' d'autorisation / *Authorization No.*: M15207

Plage de contamination / *Contamination level* :

☐ *AB* ☐ *BC* ☐ *>C* ☒ *>RESC (>D)*

☐ Autres / *Other*: _____

Transporteur / *Carrier*: Goulet

Immatriculation / *Truek ID*: ~~H6~~ 95864 MA 2825621

Signature du conducteur / *Driver's signature*

Acceptation des sols / *Soil acceptance*

Lot 3235 AT 11 (22-23)

Polythène	☑ OUI	☐ NON
Sable	☑ OUI	☐ NON
Humide	☑ OUI	☐ NON

Pesée / Weighing:

ID 958642826S9
GROSS 49490 kg
TARE 17170 kg
NET 32320 kg

Manifeste Canada 9777102-6

Manifeste USA 014983994JJK

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement.

9777102-6

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

M15207

A Generator / consignor / Producteur / expéditeur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: NYR000136788

Company name / Nom de l'entreprise: EQ Northeast, inc.

Mailing address / Adresse postale: 10, Terminal Drive, Latham, NY, 12110

E-mail / Courrier électronique:

Tel. No. / N° de tél.: (800-782-2539

Shipping site address / Adresse du lieu de l'expédition: 10, Terminal Drive,

City / Ville: Latham | Province: NY | Postal code / Code postal: 12110

B Carrier / Transporteur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: R-587262-8

Company name / Nom de l'entreprise: Goulet Trucking

Mailing address / Adresse postale: 20 Industrial Drive west | City / Ville: S. Deerfield, MA | Province | Postal code / Code postal

E-mail / Courrier électronique:

Tel. No. / N° de tél.: ( )

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov.
Trailer - Rail car No. 1 / 1re remorque - wagon	282621	ME
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: St-Bernard Lacolle Qc

Port of exit / Point de sortie: Champlain, NY

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.*
***Attestation du transporteur** : J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorité (caractères d'imprimerie):

Tel. No. / N° de tél.: ( )

Year / Année: 18 | Month / Mois: 07 | Day / Jour: 23 | Signature:

C Receiver / consignee / Réceptionnaire / destinataire

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés: 01498394 JSS

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A

☒ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise:

Mailing address / Adresse postale:

City / Ville | Province | Postal code / Code postal

E-mail / Courrier électronique:

Tel. No. / N° de tél.: ( )

Receiving site address / Adresse du lieu de destination:

Intended Receiver / consignee / Réceptionnaire / destinataire prévu

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206

Englobe Corp.

Mailing address / Adresse postale: 8365 Ave. Broadway Nord, Mtl, QC H1B 5X7

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 514 644-1405

Receiving site address / Adresse du lieu de destination: 8365 Avenue Broadway Nord

City / Ville: Montreal-Est | Province: Quebec | Postal code / Code postal: H1B 5X7

Date received / Date de réception — Year / Année: 2018 | Month / Mois: 07 | Day / Jour: 23

Time / Heure: 2:45 ☐ A.M. ☒ P.M.

If waste or recyclable material to be transferred, specify intended company name/ Si les déchets ou matières recyclables doivent être transférés, préciser le nom du destinataire

Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial

	Prov. code / Code prov.	Shipping name / Appellation réglementaire	Class / Classe — Sub. class(es) / Classe(s) sub.	UN No. / N° NU	Packing / risk gr. / Gr. d'emballage/ de risque	Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités	Packaging/Contenant — No. / N°	Codes Int – ext	Phys. state / État phys.
(i)	0018	Waste, Environmentally Hazardous	9	NA3077	III	20,000	kg	01	01	S
(ii)		Substance, Solid, N.O.S. (Tetrachloroethylene)								
(iii)										
(iv)										

Quantity received / Quantité reçue	Units / L or / ou kg / Unités	Comments / Commentaires	Handling Code / Code de manutention	Shipment / Envoi — Accepted / Accepté	Shipment / Envoi — Refused / Refusé	Decont. — Pack / Cont	Decont. — Veh. / Véh.
32320 kg		OK	5	X		OK	OK

	Notice No. / N° de notification	Notice Line No / N° de ligne de la notification	Shipment / Envoi	Of / De	D or R code / Code D ou R	C code / Code C	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE	H code / Code H	Y code / Code Y	National code in country of / Code du pays — Export / Exportation	Import / Importation	Customs code(s) / Code(s) de douanes
(i)	702319	4		999	D8	C41	A3150	H12	Y41	-	-	3825.90.00.00
(ii)												
(iii)												
(iv)												

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier):

***Receiver / consignee certification :** I certify that the information contained in Part C is correct and complete. / **Attestation du réceptionnaire / destinataire :** J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie):

Signature:

Tel. No. / N° de tél.: ( )

Special handling / Manutention spéciale

☐ Attached /Ci-joint ☐ As follows/ Ci-contre:

Emergency Contact:

***Generator / consignor certification:** I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
***Attestation du producteur / expéditeur:** J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie):

Tel. No. / N° de tél.: 514 853 1234

Signature:

Date shipped / Date d'expédition — Year / Année: 18 | Month / Mois: 07 | Day / Jour: 23 | ☐ A.M. ☐ P.M.

Scheduled arrival date / Date d'arrivée prévue — Year / Année | Month / Mois | Day / Jour

Retained by Carrier
Gardée par le transporteur

Copy / Copie 4 (pink / rose)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD981563612
2. Page 1 of: 1
3. Emergency Response Phone: 518-402-8644
4. Manifest Tracking Number: 014983994 JJK

GENERATOR

5. Generator's Name and Mailing Address: NYSDEC-RKO – Dry Cleaners Site
566, Washington St. Albany, NY, 12203

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Goulet trucking inc.
U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: EnGlobe Corp.
8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7
Facility's Phone: 514 644-1405
U.S. EPA ID Number: 1167280206

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PGIII (Tetrachloroethylene)	001	DT	71000	P	D039 F002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: ITN: X20182307423606
EQ NORTHEAST, INC. acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene
ERG #171 USEPA AOC #0167225E17004

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Adam Hall (PES DEC)
Signature: Adam Hall
Month: 07 Day: 25 Year: 18

INT'L

16. International Shipments ☐ Import to U.S. ☑ Export from U.S. Port of entry/exit: Champlain, NY
Transporter signature (for exports only): SR
Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Steven Pitt
Signature: SR
Month: 7 Day: 23 Year: 18
Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
NET: 32320Kg
Manifest Reference Number: P-10996
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Khrystyna Arvelo
Signature: Khrystyna Arvelo
Month: 07 Day: 23 Year: 18

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Englobe

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

2018/07/23

P- 10997

N' d'autorisation / *Authorization No.*: M15207

Plage de contamination / *Contamination level* :

☐ *AB* ☐ *BC* ☐ *>C* ☒ *>RESC (>D)*

☐ Autres / *Other*: _____

Transporteur / *Carrier*: Goulet

Immatriculation / *Truek ID*: 84356 7876 500

Signature du conducteur / *Driver's signature*

Acceptation des sols / *Soil acceptance*

Lot 3235 AT 11 (22-23)

Polythène	☑ OUI	☐ NON
Sable	☑ OUI	☐ NON
Humide	☑ OUI	☐ NON

Pesée / Weighing:

ID 843562826500
GROSS 41930 kg

TARE 17190 kg
NET 24740 kg

Manifeste Canada 9777098-6

Manifeste USA 014983993 JJK

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement.

9777098-6

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

M15207

A Generator / consignor / Producteur / expéditeur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: NYR000136788

Company name / Nom de l'entreprise: EQ Northeast, inc.

Mailing address / Adresse postale: 10, Terminal Drive, Latham, NY, 12110

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 800-782-2539

Shipping site address / Adresse du lieu de l'expédition: 10, Terminal Drive,

City / Ville: Latham | Province: NY | Postal code / Code postal: 12110

Intended Receiver / consignee / Réceptionnaire / destinataire prévu: Englobe Corp.

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206

Mailing address / Adresse postale: 8365 Ave. Broadway Nord, Mtl, QC H1B 5X7

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 514 644-1405

Receiving site address / Adresse du lieu de destination: 8365 Avenue Broadway Nord

City / Ville: Montreal-Est | Province: Quebec | Postal code / Code postal: H1B 5X7

B Carrier / Transporteur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: R587262-8

Company name / Nom de l'entreprise: Goulet Trucking Inc

Mailing address / Adresse postale: 20 Industrial Dr S | City / Ville: Deerfield | Province: MA | Postal code / Code postal: 01373

E-mail / Courrier électronique:

Tel. No. / N° de tél.:

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov.
Trailer - Rail car No. 1 / 1re remorque - wagon		
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: St-Bernard Lacolle Qc

Port of exit / Point de sortie: Champlain, NY

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.*
Attestation du transporteur : *J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): William Estey

Tel. No. / N° de tél.: 518 956-0946

Year / Année | Month / Mois | Day / Jour | Signature

C Receiver / consignee / Réceptionnaire / destinataire

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés: 0149839921JK

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☒ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise

Mailing address / Adresse postale

City / Ville | Province | Postal code / Code postal

E-mail / Courrier électronique | Tel. No. / N° de tél.

Receiving site address / Adresse du lieu de destination

Date received / Date de réception: Year / Année: 2018 | Month / Mois: 07 | Day / Jour: 23

Time / Heure: 15:34 ☐ A.M. ☒ P.M.

If waste or recyclable material to be transferred, specify intended company name/ Si les dechets ou matières recyclables doivent être transférés, préciser le nom du destinataire

Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial

	Prov. code / Code prov.	Shipping name / Appellation réglementaire	Class / Classe Sub. class(es) / Classe(s) sub.	UN No. / N° NU	Packing / risk gr. / Gr. d'emballage / de risque	Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités	Packaging / Contenant No. / N°	Codes Int. – ext.	Phys. state / État phys.
(i)	0018	Waste, Environmentally Hazardous	9	NA3077	III	20,000	kg	01	01	S23
(ii)		Substance, Solid, N.O.S. (Tetrachloroethylene)								
(iii)										
(iv)										

	Quantity received / Quantité reçue	Units / L or / ou kg / Unités	Comments / Commentaires	Handling Code / Code de manutention	Shipment / Envoi Accepted / Accepté	Shipment / Envoi Refused / Refusé	Decont. Pack / Cont.	Decont. Veh. / Véh.
(i)	24740	kg	OK	5	X		OK	OK
(ii)								
(iii)								
(iv)								

	Notice No. / N° de notification	Notice Line No / N° de ligne de la notification	Shipment / Envoi	Of / De	D or R code / Code D ou R	C code / Code C	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE	H code / Code H	Y code / Code Y	National code in country of / Code du pays: Export / Exportation	Import / Importation	Customs code(s) / Code(s) de douanes
(i)	702319	4		999	D8	C41	A3150	H12	Y41	-	-	3825.90.00.00
(ii)												
(iii)												
(iv)												

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier)

Receiver / consignee certification : *I certify that the information contained in Part C is correct and complete. /* ***Attestation du réceptionnaire / destinataire :*** *J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie)

Signature | Tel. No. / N° de tél.

Special handling / Manutention spéciale
☐ Attached /Ci-joint: ☐ As follows/ Ci-contre

Emergency Contact: CANUTEC 613-996-6666

Date shipped / Date d'expédition: Year / Année: 18 | Month / Mois: 07 | Day / Jour: 23 ☐ A.M. ☐ P.M.

Date of arrival / Date d'arrivée prévue: Year / Année | Month / Mois | Day / Jour

Generator / consignor certification: *I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
Attestation du producteur / expéditeur: *J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Kelly Bray

Tel. No. / N° de tél.: 508-803-7174

Signature: Kelly Bray

Instructions on reverse
Instructions au verso

Copy / Copie 3 (yellow / jaune)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD981563612
2. Page 1 of: 1
3. Emergency Response Phone: 518-402-8644
4. Manifest Tracking Number: 014983992 JJK

GENERATOR

5. Generator's Name and Mailing Address: NYSDEC-RKO – Dry Cleaners Site, 566, Washington St. Albany, NY, 12203
Generator's Site Address (if different than mailing address)
Generator's Phone:

6. Transporter 1 Company Name: Goulet trucking
U.S. EPA ID Number: MAC 300006038

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: EnGlobe Corp. 8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7
U.S. EPA ID Number: 1167280206
Facility's Phone: 514 644-1405

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PGIII (Tetrachloroethylene)	001	DT	70,000	P	D039 F002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ITN: X20180723424417
EQ NORTHEAST, INC. acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene
ERG #171 USEPA AOC #0167225E17004

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Adam Hall (PESDEC) Signature: [signature] Month: 7 Day: 23 Year: 18

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Champlain, NY
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: William W Espey Signature: [signature] Month: 7 Day: 23 Year: 18
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Net: 24740 kg
Manifest Reference Number: P-10997
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Alanilov Arvelo Signature: [signature] Month: 07 Day: 23 Year: 18

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Englobe

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

2018/07/23

P-10999

N' d'autorisation / *Authorization No.*: M15207

Plage de contamination / *Contamination level* :

☐ *AB* ☐ *BC* ☐ *>C* ☒ *>RESC (>'D)*

☐ Autres / *Other*:

Transporteur / *Carrier*: Goulet

Immatriculation / *Truek ID*: 95868 7918405

Jeff Stowell

Signature du conducteur / *Driver's signature*

Acceptation des sols / *Soil acceptance*

Lot 3235 AT 11 (22-23)

Polythène	☑ OUI	☐ NON
Sable	☑ OUI	☐ NON
Humide	☑ OUI	☐ NON

Pesée / Weighing:

ID 95868/7918405
GROSS 40490 kg
TARE 17080 kg
NET 31610 kg

Manifeste Canada 9777100-0

Manifeste USA 014983990JJK

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement.

9777100-0

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

M15207

A Generator / consignor / Producteur / expéditeur

1 Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: NYR000136788

Company name / Nom de l'entreprise: EQ Northeast, inc.

Mailing address / Adresse postale: 10, Terminal Drive, Latham, NY, 12110

City / Ville | Province | Postal code / Code postal

E-mail / Courrier électronique | Tel. No. / N° de tél.: (800-782-2539

Shipping site address / Adresse du lieu de l'expédition: 10, Terminal Drive,

City / Ville: Latham | Province: NY | Postal code / Code postal: 12110

Intended Receiver / consignee / Réceptionnaire / destinataire prévu: Englobe Corp.

2 Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206

Mailing address / Adresse postale: 8365 Ave. Broadway Nord, Mtl, QC H1B 5X7

E-mail / Courrier électronique | Tel. No. / N° de tél.: 514 644-1405

Receiving site address / Adresse du lieu de destination: 8365 Avenue Broadway Nord

City / Ville: Montreal-Est | Province: Quebec | Postal code / Code postal: H1B 5X7

B Carrier / Transporteur

23 Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: R-587262-8 (15-11)

Company name / Nom de l'entreprise: Gouett trucking Inc

Mailing address / Adresse postale: S Deerfield | City / Ville: Ma | Province | Postal code / Code postal: 01373

E-mail / Courrier électronique | Tel. No. / N° de tél.: 413665.1323

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. 24
Trailer - Rail car No. 1 / 1e remorque - wagon	291 8405	ME
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: St-Bernard Lacolle Qc | Port of exit / Point de sortie: Interr Champlain, NY 25

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.*
Attestation du transporteur : *J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.* 26

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): Jeffrey m. Stowell | Tel. No. / N° de tél.: 413665-1323

Year / Année: 18 | Month / Mois: 07 | Day / Jour: 23 | Signature:

C Receiver / consignee / Réceptionnaire / destinataire

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés: 014983990JJ1L 27

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206 28

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☒ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise

Mailing address / Adresse postale

City / Ville | Province | Postal code / Code postal

E-mail / Courrier électronique | Tel. No. / N° de tél. ( )

Receiving site address / Adresse du lieu de destination

Date received / Date de réception: Year / Année | Month / Mois | Day / Jour — Time / Heure: 5:00 ☐ A.M. ☒ P.M. 29

If waste or recyclable material to be transferred, specify intended company name / Si les dechets ou matières recyclables doivent être transférés, préciser le nom du destinataire 30

Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial

Prov. code / Code prov. 3	Shipping name / Appellation réglementaire 4	Class / Classe 5 Sub. class(es) / Classe(s) sub.	UN No. / N°NU 6	Packing / risk gr. / Gr. d'emballage / de risque 7	Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités 8	Packaging / Contenant No. / N°	Codes	Phys. state / État phys. 10
(i) 0018	Waste, Environmentally Hazardous	9	N3077	III	20,000	kg	01	01	SZ
(ii)	Substance, Solid, N.O.S. (Tetrachloroethylene)								
(iii)									
(iv)									

Quantity received / Quantité reçue	Units / L or / ou kg / Unités 31	Comments / Commentaires 32	Handling Code / Code de manutention 33	Shipment / Envoi Accepted / Accepté 34	Shipment / Envoi Refused / Refusé 34	Decont. Pack. Cont. 35	Decont. Veh. 35
31610	Kg	OK	S	X	OK	OK	

Notice No. / N° de notification 11	Notice Line No. / N° de ligne de la notification 11	Shipment / Envoi 12	Of / De 12	D or R code / Code D ou R 13	C code / Code C 14	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE 15	H code / Code H 16	Y code / Code Y 17	National code in country of / Code du pays 18 Export / Exportation	Import / Importation	Customs code(s) / Code(s) de douanes 19
(i) 702319	4		999	D8	C41	A3150	H12	Y41	-	-	3825.90.00.00
(ii)											
(iii)											
(iv)											

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) 36

Receiver / consignee certification : *I certify that the information contained in Part C is correct and complete. /* ***Attestation du réceptionnaire / destinataire :*** *J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie) 37

Signature: Hamilton Meeks | Tel. No. / N° de tél. ( )

Special handling / Manutention spéciale 22
☐ Attached / Ci-joint: ☐ As follows / Ci-contre:

Emergency Contact: CANUTEC 613-996-6666

Generator / consignor certification: *I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
Attestation du producteur / expéditeur: *J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Richard Bellavance | Tel. No. / N° de tél. 20: (514) 803-1254

Signature

21 Date shipped / Date d'expédition: Year / Année: 18 | Month / Mois: 07 | Day / Jour: 23 | ☐ A.M. ☐ PM | Time / Heure: 11:00

Scheduled arrival date / Date d'arrivée prévue: Year / Année: 18 | Month / Mois: 07 | Day / Jour: 23

Instructions on reverse
Instructions au verso

Copy / Copie 3 (yellow / jaune)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD981563612	1	518-402-8644	014983990 JJK

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC-RAU - Dry Cleaners Site
566, Washington St. Albany, NY, 12203

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Gouket trucking inc 15-11 — U.S. EPA ID Number: MAC2000060888

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EnGlobe Corp.
8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7
514 644-1405

U.S. EPA ID Number: 1167280206

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PGIII (Tetrachloroethylene)	001	DT	22,000	P	D039 F002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
EQ NORTHEAST, INC. acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene
ERG #171 USEPA AOC #0167225E17004 ITN # - X20180723428784

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Adam Hall (PES DEC) — Signature: Adam Hall — Month: 07 Day: 23 Year: 18

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain, NY
Transporter signature (for exports only): Date leaving U.S.: 7/23/18

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jeffrey M. Stowell — Signature — Month: 7 Day: 23 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Net: 31610Kg — Manifest Reference Number: P-10999

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Lawler ARVELO — Signature — Month: 07 Day: 23 Year: 18

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Englobe

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

2018/07/24 12:48
P-11000
2018/07/24 13:13

N' d'autorisation / *Authorization No.*: M15207

Plage de contamination / *Contamination level* :

☐ *AB* ☐ *BC* ☐ *>C* ☒ *>RESC (>D)*

☐ Autres / *Other*:

Transporteur / *Carrier*: Coaxlet

Immatriculation / *Truek ID*: 83016 MA.

Mike Dorsey
Signature du conducteur / *Driver's signature*

Stanley Lucas
Acceptation des sols / *Soil acceptance*

Lot 3235 AT 11 (22-23)

Polythène	☑ OUI	☐ NON
Sable	☑ OUI	☐ NON
Humide	☑ OUI	☐ NON

Pesée / Weighing:

ID 83016271417
GROSS 41530 kg

ID 83016271417
GROSS 41530 kg

TARE 17060 kg
NET 24470 kg

Manifeste Canada 9777096-0

Manifeste USA 014985143JJK

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement.

9777096-0

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

M15207

A Generator / consignor / Producteur / expéditeur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: NYR000136788

Company name / Nom de l'entreprise: EQ Northeast, inc.

Mailing address / Adresse postale: 10, Terminal Drive, Latham, NY, 12110

E-mail / Courrier électronique:

Tel. No. / N° de tél.: (800-782-2539

Shipping site address / Adresse du lieu de l'expédition: 10, Terminal Drive,

City / Ville: Latham — Province: NY — Postal code / Code postal: 12110

B Carrier / Transporteur

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: R587262-8

Company name / Nom de l'entreprise: Goulet Trucking Inc

Mailing address / Adresse postale: 20 Industrial Drive W So Deerfield MA

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 413 665 1373

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov.
Trailer - Rail car No. 1 / 1re remorque - wagon	83016 MA	
Trailer - Rail car No. 2 / 2e remorque - wagon	27 1417 C	ME

Port of entry / Point d'entrée: St-Bernard Lacolle Qc

Port of exit / Point de sortie: Champlain, NY

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.*
Attestation du transporteur : *J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): Mike Dorsey

Tel. No. / N° de tél.: 413 665-1323

Year / Année: 18 — Month / Mois: 07 — Day / Jour: 24

Signature: Mike Dorsey

C Receiver / consignee / Réceptionnaire / destinataire

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés: 014985143 JTJC

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☒ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Intended Receiver / consignee / Réceptionnaire / destinataire prévu: Englobe Corp.

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206

Mailing address / Adresse postale: 8363 Ave. Broadway Nord, Mtl, QC H1B 5X7

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 514 644-1405

Receiving site address / Adresse du lieu de destination: 8363 Avenue Broadway Nord

City / Ville: Montreal-Est — Province: Quebec — Postal code / Code postal: H1B 5X7

Company name / Nom de l'entreprise:

Mailing address / Adresse postale:

City / Ville — Province — Postal code / Code postal:

E-mail / Courrier électronique — Tel. No. / N° de tél.: ( )

Receiving site address / Adresse du lieu de destination:

Date received / Date de réception — Year / Année: 2018 — Month / Mois: 07 — Day / Jour: 24

Time / Heure: 13:13 ☐ A.M. ☒ P.M.

If waste or recyclable material to be transferred, specify intended company name/ Si les dechets ou matières recyclables doivent être transférés, préciser le nom du destinataire

Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial

	Prov. code / Code prov.	Shipping name / Appellation réglementaire	Class / Classe Sub. class(es) / Classe(s) sub.	UN No. / N° NU	Packing / risk gr. / Gr. d'emballage/ de risque	Quantity shipped / Quantité expédiée	Units / L or / ou Kg / Unités	Packaging / Contenant No. / N°	Codes Int – ext	Phys. state / État phys.
(i)	0018	Waste, Environmentally Hazardous	9	N3077	III	20,000	kg	01	01	S23
(ii)		Substance, Solid, N.O.S. (Tetrachloroethylene)								
(iii)										
(iv)										

	Quantity received / Quantité reçue	Units / L or / ou kg / Unités	Comments / Commentaires	Handling Code / Code de manutention	Shipment / Envoi Accepted / Accepté	Shipment / Envoi Refused / Refusé	Discrepancy Pack. Cont.	Discrepancy Veh.
(i)	24470	kg	OK	5	X		OK	OK
(ii)								
(iii)								
(iv)								

	Notice No. / N° de notification	Notice Line No / N° de ligne de la notification	Shipment / Envoi	Of / De	D or R code / Code D ou R	C code / Code C	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE	H code / Code H	Y code / Code Y	National code in country of / Code du pays: Export / Exportation	Import / Importation	Customs code(s) / Code(s) de douanes
(i)	702319	4		999	D8	C41	A3150	H12	Y41	-	-	3825.90.00.00
(ii)												
(iii)												
(iv)												

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier)

Receiver / consignee certification : *I certify that the information contained in Part C is correct and complete. /*
Attestation du réceptionnaire / destinataire : *J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie)

Signature: Marilyn Jeeds

Tel. No. / N° de tél.: ( )

Special handling / Manutention spéciale: ☐ Attached / Ci-joint ☐ As follows / Ci-contre

Emergency Contact: CANUTEC 613-996-6666

Generator / consignor certification: *I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
Attestation du producteur / expéditeur: *J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Richard Bellefeuille

Tel. No. / N° de tél.: 514 803-1554

Signature: Richard Bellefeuille

Date shipped / Date d'expédition — Year / Année: 18 — Month / Mois: 07 — Day / Jour: 24 — ☒ A.M. ☐ P.M.

Estimated date of arrival / Date d'arrivée prévue — Year / Année: 18 — Month / Mois: 07 — Day / Jour: 24

Instructions on reverse
Instructions au verso

Copy / Copie 3 (yellow / jaune)

T1

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD981563612
2. Page 1 of: 1
3. Emergency Response Phone: 518-402-8644
4. Manifest Tracking Number: 014985143 JJK

5. Generator's Name and Mailing Address
NYSDEC-RKO – Dry Cleaners Site
566, Washington St. Albany, NY, 12203
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Goulet trucking — U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
EnGlobe Corp.
8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7
Facility's Phone: 514 644-1405 — U.S. EPA ID Number: 1167280206

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PGIII (Tetrachloroethylene)	001	DT	70,000	P	D039 F002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ITN: X20180724491069
EQ NORTHEAST, INC. acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene
ERG #171 USEPA AOC #0167225E17004

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Adam Hall (DES DEC) — Signature: Adam Hall — Month: 07 Day: 24 Year: 18

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit: Champlain, NY
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MIKE DORSEY — Signature: Mike Dorsey — Month: 7 Day: 24 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Net: 24470kg — Manifest Reference Number: P-11000

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Manlou Arvelo — Signature: Manlou Arvelo — Month: 07 Day: 24 Year: 18

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

2018/07/24 16:04

2018/07/24 16:11

Englobe

Centre de traitement de sol / Soil Treatment Facility
8365, Broadway Nord, Montréal (Québec) H1B 5X7

P-11002

N' d'autorisation / *Authorization No.*: M15207

Plage de contamination / *Contamination level* :

☐ *AB* ☐ *BC* ☐ *>C* ☒ *>RESC (>D)*

☐ Autres / *Other*:

Transporteur / *Carrier*: Goulet

Immatriculation / *Truck ID*: 883542826519

Signature du conducteur / *Driver's signature*

Acceptation des sols / *Soil acceptance*

Lot 3235 AT 11 (22 - 23)

Polythène	☑ OUI	☐ NON
Sable	☑ OUI	☐ NON
Humide	☑ OUI	☐ NON

Pesée / Weighing:

ID 883542826519
GROSS 28190 kg
ID 883542826519
GROSS 28190 kg

TARE 17150 kg
NET 11040 kg

Manifeste Canada 9777094-5

Manifeste USA 014983999 JJK

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement.

9777094-5

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

M15207

A Generator / consignor / Producteur / expéditeur — Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 1: NYR000136788

Company name / Nom de l'entreprise: EQ Northeast, inc.

Mailing address / Adresse postale: 10, Terminal Drive, Latham, NY, 12110

E-mail / Courrier électronique:

Tel. No. / N° de tél.: (800-782-2539

Shipping site address / Adresse du lieu de l'expédition: 10, Terminal Drive,

City / Ville: Latham — Province: NY — Postal code / Code postal: 12110

B Carrier / Transporteur — Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 23: R587262-8

Company name / Nom de l'entreprise: Gollet Trucking

Mailing address / Adresse postale: 20 Ind DR west — City / Ville: So. Deerfield — Province: MA — Postal code / Code postal:

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 4136651323

Vehicle / Véhicule	Registration No. / N° d'immatriculation	Prov. 24
Trailer - Rail car No. 1 / 1e remorque - wagon	2826519 ME	
Trailer - Rail car No. 2 / 2e remorque - wagon		

Port of entry / Point d'entrée: St-Bernard Lacolle Qc — Port of exit / Point de sortie: Champlain, NY

Carrier Certification : *I certify that I have received waste or recyclable material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct.*
Attestation du transporteur : *J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.* 25

Name of authorized person (print) / Nom de l'agent autorisé (caractères d'imprimerie): [illegible] — Tel. No. / N° de tél.: 603-568-0982

Signature: [signature]

Year / Année: 18 — Month / Mois: 07 — Day / Jour: 24

C Receiver / consignee / Réceptionnaire / destinataire — Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial 28: 1167280206

Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés 27: 01498 3999 JJK

Receiver / consignee information same as in Part A / Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A
☒ Yes / Oui ☐ No, complete the box below / Non, remplir la case ci-dessous

Company name / Nom de l'entreprise:

Mailing address / Adresse postale:

City / Ville — Province — Postal code / Code postal:

E-mail / Courrier électronique — Tel. No. / N° de tél.: ( )

Receiving site address / Adresse du lieu de destination:

Date received / Date de réception 29: Year / Année: 2018 — Month / Mois: 07 — Day / Jour: 24

Time / Heure: 16:10 ☐ A.M. ☒ P.M.

If waste or recyclable material to be transferred, specify intended company name/ Si les dechets ou matières recyclables doivent être transférés, préciser le nom du destinataire 30

Registration No./Provincial ID No. / N° d'immatriculation/d'id provincial 31

Intended Receiver / consignee / Réceptionnaire / destinataire prévu 2: Englobe Corp.

Registration No. / Provincial ID No. / N° d'immatriculation - d'id. provincial: 1167280206

Mailing address / Adresse postale: 8365 Ave. Broadway Nord, Mtl, QC H1B 5X7

E-mail / Courrier électronique:

Tel. No. / N° de tél.: 514 644-1405

Receiving site address / Adresse du lieu de destination: 8365 Avenue Broadway Nord

City / Ville: Montreal-Est — Province: Quebec — Postal code / Code postal: H1B 5X7

	Prov. code / Code prov. 3	Shipping name / Appellation réglementaire 4	Class / Classe 5 Sub. class(es) / Classe(s) sub.	UN No. / N° NU 6	Packing / risk gr. 7 Gr. d'emballage / de risque	Quantity shipped / Quantité expédiée	Units 8 L or / ou Kg Unités	Packaging / Contenant 9 No. / N°	Codes Int. – ext.	Phys. state / État phys. 10	Quantity received / Quantité reçue	Units 31 L or / ou Kg Unités	Comments / Commentaires 32	Handling 33 Code / Code de manutention	Shipment / Envoi 34 Accepted / Accepté	Refused / Refusé	Decont. 35 Pack. Cont.	Veh. Véh.
(i)	0018	Waste, Environmentally Hazardous	9	N3077	III	20,000	kg	01	01	S	11040	kg	OK	5	X		OK	OK
(ii)		Substance, Solid, N.O.S. (Tetrachloroethylene)																
(iii)																		
(iv)																		

	Notice No. / N° de notification 11	Notice Line No / N° de ligne de la notification	Shipment / Envoi	Of / De 12	D or R code / Code D ou R 13	C code / Code C 14	Basel Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE 15	H code / Code H 16	Y code / Code Y 17	National code in country of / Code du pays 18 Export / Exportation	Import / Importation	Customs code(s) / Code(s) de douanes 19
(i)	702319	4		999	D8	C41	A3150	H12	Y41	-	-	3825.90.00.00
(ii)												
(iii)												
(iv)												

International use only

If handling code "Other" (specify) / Si code de manutention « autre » (spécifier) 36

Receiver / consignee certification : *I certify that the information contained in Part C is correct and complete. /* ***Attestation du réceptionnaire / destinataire :*** *J'atteste que tous les renseignements à la partie C sont exacts et complets.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie) 37

Signature: [signature] — Tel. No. / N° de tél.: ( )

Special handling / Manutention spéciale 22
☐ Attached /Ci-joint ☐ As follows/ Ci-contre

Emergency Contact: CANUTEC 613-996-6666

Generator / consignor certification: *I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.*
Attestation du producteur / expéditeur: *J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.*

Name of authorized person (print) / Nom de l'agent autorisé (caractère d'imprimerie): Richard Bellefeuille — Tel. No. / N° de tél. 20: (514) 823-1254

Signature: [signature]

Date shipped / Date d'expédition 21: Year / Année: 18 — Month / Mois: 07 — Day / Jour: 24 — ☒ A.M. ☐ P.M. — 10:30

Date of delivery / Date de livraison — Expected date of arrival / Date d'arrivée prévue: Year / Année: 18 — Month / Mois: 07 — Day / Jour: 24

Instructions on reverse
Instructions au verso

Copy / Copie 3 (yellow / jaune)

T2

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD981563612	1	518-402-8644	014983999 JJK

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC-RKO – Dry Cleaners Site
566, Washington St. Albany, NY, 12203

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Goulet Trucking Inc. — U.S. EPA ID Number: MAC300006038

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
EnGlobe Corp.
8365 Avenue Broadway Nord, Montreal-East, Quebec, H1B 5X7
Facility's Phone: 514 644-1405 — U.S. EPA ID Number: 1167280206

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN3077, RQ, Waste Environmentally hazardous substances, Solid, n.o.s. 9, PGIII (Tetrachloroethylene)	001	DT	8000	P	D039 F002
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
EQ NORTHEAST, INC. acting as intermediary arranging for export. Soil contaminated with tetrachloroethylene
ERG #171 USEPA AOC #0167225E17004
ITN#-X20180724494350

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Adam Hall (PE & DEC) — Signature: Adam Hall — Month 7 Day 24 Year 18

INT'L

16. International Shipments ☐ Import to U.S. ☑ Export from U.S. — Port of entry/exit: Champlain, NY
Transporter signature (for exports only): Greene — Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Greene — Signature: Greene — Month 7 Day 24 Year 18
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Net: 11040kg — Manifest Reference Number: P-11002 — U.S. EPA ID Number

18b. Alternate Facility (or Generator)
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Hamilton Arvelo — Signature: Hamilton Arvelo — Month 07 Day 24 Year 18

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD981563612	1	(877) 918-0087	001604841 VES

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC REGION 4
~~1130 NORTH WEST CORPORATE~~
~~SCHENECTADY, NY 12306~~
LYNNE FARRELL 518 357-2068
566 Washington Avenue Albany NY, 12203
Generator's Phone: 518 357-2068

Generator's Site Address (if different than mailing address)
SAME

6. Transporter 1 Company Name
VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number
NJD063136939

7. Transporter 2 Company Name
FREEHOLD CARTAGE INC
U.S. EPA ID Number
NJD054126164

8. Designated Facility Name and Site Address
VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846
U.S. EPA ID Number
NJD002454544
Facility's Phone: 732 469-5100

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, HAZARDOUS WASTE, LIQUID, n.o.s., (TETRACHLOROETHYLENE), 9, III	3		1200	P	F001
X	2. NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (TETRACHLOROETHYLENE), 9, III	1		100	P	F001
	3.					
	4.					

14. Special Handling Instructions and Additional Information
ER Service Contracted by VESTS -+ Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf.

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: K Earl (Assist Sec NYSDEC) Signature: [signature] Month: 12 Day: 11 Year: 18

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: SHANE WALSH Signature: Shane Walsh Month: 12 Day: 11 Year: 18

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month: Day: Year:

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD981563612
2. Page 1 of: 1
3. Emergency Response Phone: (877) 818-0087
4. Manifest Tracking Number: 001624261 VES

GENERATOR

5. Generator's Name and Mailing Address
NYSDEC REGION 4
1130 NORTH WESTCOTT ROAD
SCHENECTADY, NY 12306
Generator's Phone: 518 357-2068

Generator's Site Address (if different than mailing address)
~~SAME~~ FORMER IZZO DRY CLEANERS
506 WASHINGTON AVE
ALBANY, NY 12203

6. Transporter 1 Company Name: VEOLIA ES TECHNICAL SOLUTIONS
U.S. EPA ID Number: NJD080631369

7. Transporter 2 Company Name: FREEHOLD CARTAGE INC
U.S. EPA ID Number: NJD054126164

8. Designated Facility Name and Site Address: VEOLIA ES TECHNICAL SOLUTIONS
125 FACTORY LANE
MIDDLESEX, NJ 08846
Facility's Phone: 732 469-5100
U.S. EPA ID Number: NJD002454544

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NA3082, HAZARDOUS WASTE, LIQUID, n.o.s., (TETRACHLOROETHYLENE), 9, III	1	DM	400	P	F001 B
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information: ER Service Contracted by VESTS + Contract retained by generator confers agency authority on initial transporter to add or substitute additional transporters on generator's behalf. + 1) ERG: 171 W 404716 A MARCSWFUEL

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [signature] Month: 05 Day: 02 Year: 19

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: DOUGLAS POWELL Signature: [signature] Month: 05 Day: 02 Year: 19

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month: Day: Year:

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

ATTACHMENT H

PRECISION
ENVIRONMENTAL SERVICES, INC.

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: 480-120240-1
Client Project/Site: Former RKO Dry Cleaners #401065

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, New York 12233-7017

Attn: Kyle Forster

Judy Stone

Authorized for release by:
7/6/2017 3:12:43 PM

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@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.

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 within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Judy Stone
Senior Project Manager
7/6/2017 3:12:43 PM

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Qualifiers

GC/MS VOA

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.

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.

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	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: 480-120240-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-120240-1

Receipt
The samples were received on 6/28/2017 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 1.0º C and 1.1º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-364645 recovered outside acceptance criteria, low biased, for 2-Hexanone. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following samples are impacted: PES-1 10.5 (480-120240-1), PES-3 10.5 (480-120240-3), PES-4 11 (480-120240-4) and DISPOSAL CHAR (480-120240-7).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-364845 recovered outside acceptance criteria, low biased, for Vinyl chloride and Chloromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported. The following sample was impacted: PES-1 12 (480-120240-2)

Method(s) 8260C: The following samples were diluted due to the nature of the TCLP matrix: DISPOSAL CHAR (480-120240-7) and (LB 480-364739/1-A). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were analyzed using medium level soil analysis and diluted to bring the concentration of target analytes within the calibration range: PES-1 10.5 (480-120240-1), PES-3 10.5 (480-120240-3), PES-4 11 (480-120240-4), PES-5 12 (480-120240-5), PES-5 14 (480-120240-6) and DISPOSAL CHAR (480-120240-7). 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) 8151A: The continuing calibration verification (CCV) associated with batch 480-365226 recovered above the upper control limit for 2,4-D. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following sample is impacted: DISPOSAL CHAR (480-120240-7).

Method(s) 8151A: The 2,4-Dichlorophenylacetic acid surrogate recovery for LCS 480-364968/2-A is slightly above acceptance limits, indicating a high bias. The associated samples are non-detect for all analytes. Therefore, the data have been reported. The following sample is affected: DISPOSAL CHAR (480-120240-7).

Method(s) 8151A: Surrogate recovery for the following samples was outside control limits: DISPOSAL CHAR (480-120240-7) and (LB 480-364734/1-E). 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.

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 following sample has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: DISPOSAL CHAR (480-120240-7).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 480-120240-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-364734 and 480-364930.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 480-364734 and 480-365008.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-1 10.5
Date Collected: 06/27/17 08:50
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-1
Matrix: Solid
Percent Solids: 80.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.6	0.34	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,1,2,2-Tetrachloroethane	ND		4.6	0.75	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,1,2-Trichloroethane	ND		4.6	0.60	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6	1.1	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,1-Dichloroethane	ND		4.6	0.57	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,1-Dichloroethene	ND		4.6	0.57	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,2,4-Trichlorobenzene	ND		4.6	0.28	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,2-Dibromo-3-Chloropropane	ND		4.6	2.3	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,2-Dichlorobenzene	ND		4.6	0.36	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,2-Dichloroethane	ND		4.6	0.23	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,2-Dichloropropane	ND		4.6	2.3	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,3-Dichlorobenzene	ND		4.6	0.24	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,4-Dichlorobenzene	ND		4.6	0.65	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
2-Butanone (MEK)	ND		23	1.7	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
2-Hexanone	ND		23	2.3	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
4-Methyl-2-pentanone (MIBK)	ND		23	1.5	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Acetone	ND		23	3.9	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Benzene	ND		4.6	0.23	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Bromodichloromethane	ND		4.6	0.62	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Bromoform	ND		4.6	2.3	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Bromomethane	ND		4.6	0.42	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Carbon disulfide	ND		4.6	2.3	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Carbon tetrachloride	ND		4.6	0.45	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Chlorobenzene	ND		4.6	0.61	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Dibromochloromethane	ND		4.6	0.59	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Chloroethane	ND		4.6	1.0	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Chloroform	ND		4.6	0.29	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Chloromethane	ND		4.6	0.28	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
cis-1,2-Dichloroethene	**2.1**	**J**	4.6	0.59	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
cis-1,3-Dichloropropene	ND		4.6	0.67	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Cyclohexane	ND		4.6	0.65	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Dichlorodifluoromethane	ND		4.6	0.38	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Ethylbenzene	ND		4.6	0.32	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
1,2-Dibromoethane	ND		4.6	0.60	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Isopropylbenzene	ND		4.6	0.70	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Methyl acetate	ND		23	2.8	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Methyl tert-butyl ether	ND		4.6	0.46	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Methylcyclohexane	ND		4.6	0.71	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Methylene Chloride	ND		4.6	2.1	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Styrene	ND		4.6	0.23	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Toluene	ND		4.6	0.35	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
trans-1,2-Dichloroethene	ND		4.6	0.48	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
trans-1,3-Dichloropropene	ND		4.6	2.0	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Trichloroethene	**36**		4.6	1.0	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Trichlorofluoromethane	ND		4.6	0.44	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Vinyl chloride	ND		4.6	0.57	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1
Xylenes, Total	ND		9.3	0.78	ug/Kg	☼	06/28/17 06:30	06/29/17 16:04	1

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-1 10.5
Date Collected: 06/27/17 08:50
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-1
Matrix: Solid
Percent Solids: 80.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		71 - 125	06/28/17 06:30	06/29/17 16:04	1
1,2-Dichloroethane-d4 (Surr)	96		64 - 126	06/28/17 06:30	06/29/17 16:04	1
4-Bromofluorobenzene (Surr)	99		72 - 126	06/28/17 06:30	06/29/17 16:04	1
Dibromofluoromethane (Surr)	105		60 - 140	06/28/17 06:30	06/29/17 16:04	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	9900		240	32	ug/Kg	☼	06/30/17 16:34	07/05/17 12:35	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		50 - 149	06/30/17 16:34	07/05/17 12:35	4
1,2-Dichloroethane-d4 (Surr)	105		53 - 146	06/30/17 16:34	07/05/17 12:35	4
4-Bromofluorobenzene (Surr)	98		49 - 148	06/30/17 16:34	07/05/17 12:35	4
Dibromofluoromethane (Surr)	104		60 - 140	06/30/17 16:34	07/05/17 12:35	4

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-1 12
Date Collected: 06/27/17 09:10
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-2
Matrix: Solid
Percent Solids: 74.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
2-Hexanone	ND		25	2.5	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Acetone	ND		25	4.2	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Benzene	ND		5.0	0.25	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Bromoform	ND		5.0	2.5	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Bromomethane	ND		5.0	0.45	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Carbon disulfide	ND		5.0	2.5	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Chlorobenzene	ND		5.0	0.66	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Chloroethane	ND		5.0	1.1	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Chloroform	ND		5.0	0.31	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Chloromethane	ND		5.0	0.30	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Cyclohexane	ND		5.0	0.70	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Ethylbenzene	ND		5.0	0.35	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Isopropylbenzene	ND		5.0	0.76	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Methyl acetate	ND		25	3.0	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Methylene Chloride	ND		5.0	2.3	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Styrene	ND		5.0	0.25	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Tetrachloroethene	**8.5**		5.0	0.67	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Toluene	ND		5.0	0.38	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Trichloroethene	ND		5.0	1.1	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Vinyl chloride	ND		5.0	0.61	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1
Xylenes, Total	ND		10	0.84	ug/Kg	☼	06/28/17 06:30	06/30/17 02:34	1

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-1 12
Date Collected: 06/27/17 09:10
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-2
Matrix: Solid
Percent Solids: 74.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		71 - 125	06/28/17 06:30	06/30/17 02:34	1
1,2-Dichloroethane-d4 (Surr)	103		64 - 126	06/28/17 06:30	06/30/17 02:34	1
4-Bromofluorobenzene (Surr)	100		72 - 126	06/28/17 06:30	06/30/17 02:34	1
Dibromofluoromethane (Surr)	110		60 - 140	06/28/17 06:30	06/30/17 02:34	1

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-3 10.5
Date Collected: 06/27/17 09:45
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-3
Matrix: Solid
Percent Solids: 80.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	0.33	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,1,2,2-Tetrachloroethane	ND		4.5	0.74	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,1,2-Trichloroethane	ND		4.5	0.59	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5	1.0	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,1-Dichloroethane	ND		4.5	0.55	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,1-Dichloroethene	ND		4.5	0.55	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,2,4-Trichlorobenzene	ND		4.5	0.28	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,2-Dibromo-3-Chloropropane	ND		4.5	2.3	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,2-Dichlorobenzene	ND		4.5	0.35	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,2-Dichloroethane	ND		4.5	0.23	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,2-Dichloropropane	ND		4.5	2.3	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,3-Dichlorobenzene	ND		4.5	0.23	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,4-Dichlorobenzene	ND		4.5	0.63	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
2-Butanone (MEK)	ND		23	1.7	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
2-Hexanone	ND		23	2.3	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
4-Methyl-2-pentanone (MIBK)	ND		23	1.5	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Acetone	ND		23	3.8	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Benzene	ND		4.5	0.22	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Bromodichloromethane	ND		4.5	0.61	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Bromoform	ND		4.5	2.3	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Bromomethane	ND		4.5	0.41	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Carbon disulfide	ND		4.5	2.3	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Carbon tetrachloride	ND		4.5	0.44	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Chlorobenzene	ND		4.5	0.60	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Dibromochloromethane	ND		4.5	0.58	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Chloroethane	ND		4.5	1.0	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Chloroform	ND		4.5	0.28	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Chloromethane	ND		4.5	0.27	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
cis-1,2-Dichloroethene	ND		4.5	0.58	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
cis-1,3-Dichloropropene	ND		4.5	0.65	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Cyclohexane	ND		4.5	0.63	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Dichlorodifluoromethane	ND		4.5	0.37	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Ethylbenzene	ND		4.5	0.31	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
1,2-Dibromoethane	ND		4.5	0.58	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Isopropylbenzene	ND		4.5	0.68	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Methyl acetate	ND		23	2.7	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Methyl tert-butyl ether	ND		4.5	0.45	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Methylcyclohexane	ND		4.5	0.69	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Methylene Chloride	ND		4.5	2.1	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Styrene	ND		4.5	0.23	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Toluene	ND		4.5	0.34	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
trans-1,2-Dichloroethene	ND		4.5	0.47	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
trans-1,3-Dichloropropene	ND		4.5	2.0	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Trichloroethene	**3.8**	**J**	4.5	1.0	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Trichlorofluoromethane	ND		4.5	0.43	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Vinyl chloride	ND		4.5	0.55	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1
Xylenes, Total	ND		9.1	0.76	ug/Kg	☼	06/28/17 06:30	06/29/17 16:55	1

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-3 10.5
Date Collected: 06/27/17 09:45
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-3
Matrix: Solid
Percent Solids: 80.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		71 - 125	06/28/17 06:30	06/29/17 16:55	1
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	06/28/17 06:30	06/29/17 16:55	1
4-Bromofluorobenzene (Surr)	105		72 - 126	06/28/17 06:30	06/29/17 16:55	1
Dibromofluoromethane (Surr)	107		60 - 140	06/28/17 06:30	06/29/17 16:55	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	2500		120	16	ug/Kg	☼	06/30/17 16:34	07/05/17 13:02	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		50 - 149	06/30/17 16:34	07/05/17 13:02	2
1,2-Dichloroethane-d4 (Surr)	104		53 - 146	06/30/17 16:34	07/05/17 13:02	2
4-Bromofluorobenzene (Surr)	95		49 - 148	06/30/17 16:34	07/05/17 13:02	2
Dibromofluoromethane (Surr)	101		60 - 140	06/30/17 16:34	07/05/17 13:02	2

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-4 11
Date Collected: 06/27/17 10:15
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-4
Matrix: Solid
Percent Solids: 82.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.5	0.33	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,1,2,2-Tetrachloroethane	ND		4.5	0.73	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,1,2-Trichloroethane	ND		4.5	0.58	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.5	1.0	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,1-Dichloroethane	ND		4.5	0.55	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,1-Dichloroethene	**0.64**	**J**	4.5	0.55	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,2,4-Trichlorobenzene	ND		4.5	0.27	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,2-Dibromo-3-Chloropropane	ND		4.5	2.2	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,2-Dichlorobenzene	ND		4.5	0.35	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,2-Dichloroethane	ND		4.5	0.22	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,2-Dichloropropane	ND		4.5	2.2	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,3-Dichlorobenzene	ND		4.5	0.23	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,4-Dichlorobenzene	ND		4.5	0.63	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
2-Butanone (MEK)	ND		22	1.6	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
2-Hexanone	ND		22	2.2	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		22	1.5	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Acetone	ND		22	3.8	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Benzene	ND		4.5	0.22	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Bromodichloromethane	ND		4.5	0.60	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Bromoform	ND		4.5	2.2	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Bromomethane	ND		4.5	0.40	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Carbon disulfide	ND		4.5	2.2	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Carbon tetrachloride	ND		4.5	0.43	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Chlorobenzene	ND		4.5	0.59	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Dibromochloromethane	ND		4.5	0.57	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Chloroethane	ND		4.5	1.0	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Chloroform	ND		4.5	0.28	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Chloromethane	ND		4.5	0.27	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
cis-1,2-Dichloroethene	**21**		4.5	0.57	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
cis-1,3-Dichloropropene	ND		4.5	0.64	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Cyclohexane	ND		4.5	0.63	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Dichlorodifluoromethane	ND		4.5	0.37	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Ethylbenzene	ND		4.5	0.31	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
1,2-Dibromoethane	ND		4.5	0.57	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Isopropylbenzene	ND		4.5	0.68	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Methyl acetate	ND		22	2.7	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Methyl tert-butyl ether	ND		4.5	0.44	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Methylcyclohexane	ND		4.5	0.68	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Methylene Chloride	ND		4.5	2.1	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Styrene	ND		4.5	0.22	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Toluene	ND		4.5	0.34	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
trans-1,2-Dichloroethene	**0.62**	**J**	4.5	0.46	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
trans-1,3-Dichloropropene	ND		4.5	2.0	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Trichlorofluoromethane	ND		4.5	0.42	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Vinyl chloride	ND		4.5	0.55	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1
Xylenes, Total	ND		9.0	0.75	ug/Kg	☼	06/28/17 06:30	06/29/17 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*71 - 125*	*06/28/17 06:30*	*06/29/17 17:20*	*1*

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-4 11
Date Collected: 06/27/17 10:15
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-4
Matrix: Solid
Percent Solids: 82.3

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		64 - 126	06/28/17 06:30	06/29/17 17:20	1
4-Bromofluorobenzene (Surr)	98		72 - 126	06/28/17 06:30	06/29/17 17:20	1
Dibromofluoromethane (Surr)	108		60 - 140	06/28/17 06:30	06/29/17 17:20	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	16000		240	32	ug/Kg	☼	06/30/17 16:34	07/05/17 13:30	4
Trichloroethene	1400		240	67	ug/Kg	☼	06/30/17 16:34	07/05/17 13:30	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		50 - 149	06/30/17 16:34	07/05/17 13:30	4
1,2-Dichloroethane-d4 (Surr)	107		53 - 146	06/30/17 16:34	07/05/17 13:30	4
4-Bromofluorobenzene (Surr)	94		49 - 148	06/30/17 16:34	07/05/17 13:30	4
Dibromofluoromethane (Surr)	104		60 - 140	06/30/17 16:34	07/05/17 13:30	4

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-5 12
Date Collected: 06/27/17 10:50
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-5
Matrix: Solid
Percent Solids: 81.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1200	330	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,1,2,2-Tetrachloroethane	ND		1200	190	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,1,2-Trichloroethane	ND		1200	250	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1200	590	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,1-Dichloroethane	ND		1200	370	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,1-Dichloroethene	ND		1200	410	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,2,4-Trichlorobenzene	ND		1200	450	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,2-Dibromo-3-Chloropropane	ND		1200	590	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,2-Dichlorobenzene	ND		1200	300	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,2-Dichloroethane	ND		1200	480	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,2-Dichloropropane	ND		1200	190	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,3-Dichlorobenzene	ND		1200	320	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,4-Dichlorobenzene	ND		1200	170	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
2-Butanone (MEK)	ND		5900	3500	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
2-Hexanone	ND		5900	2400	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
4-Methyl-2-pentanone (MIBK)	ND		5900	380	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Acetone	ND		5900	4900	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Benzene	ND		1200	220	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Bromodichloromethane	ND		1200	240	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Bromoform	ND		1200	590	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Bromomethane	ND		1200	260	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Carbon disulfide	ND		1200	540	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Carbon tetrachloride	ND		1200	300	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Chlorobenzene	ND		1200	160	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Dibromochloromethane	ND		1200	570	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Chloroethane	ND		1200	250	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Chloroform	ND		1200	810	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Chloromethane	ND		1200	280	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
cis-1,2-Dichloroethene	ND		1200	330	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
cis-1,3-Dichloropropene	ND		1200	280	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Cyclohexane	ND		1200	260	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Dichlorodifluoromethane	ND		1200	520	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Ethylbenzene	ND		1200	340	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
1,2-Dibromoethane	ND		1200	210	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Isopropylbenzene	ND		1200	180	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Methyl acetate	ND		5900	560	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Methyl tert-butyl ether	ND		1200	450	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Methylcyclohexane	ND		1200	550	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Methylene Chloride	ND		1200	230	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Styrene	ND		1200	280	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Tetrachloroethene	**58000**		1200	160	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Toluene	ND		1200	320	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
trans-1,2-Dichloroethene	ND		1200	280	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
trans-1,3-Dichloropropene	ND		1200	120	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Trichloroethene	**1800**		1200	330	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Trichlorofluoromethane	ND		1200	550	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Vinyl chloride	ND		1200	400	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20
Xylenes, Total	ND		2400	650	ug/Kg	☼	06/30/17 16:34	07/05/17 13:57	20

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-5 12
Date Collected: 06/27/17 10:50
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-5
Matrix: Solid
Percent Solids: 81.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		50 - 149	06/30/17 16:34	07/05/17 13:57	20
1,2-Dichloroethane-d4 (Surr)	103		53 - 146	06/30/17 16:34	07/05/17 13:57	20
4-Bromofluorobenzene (Surr)	93		49 - 148	06/30/17 16:34	07/05/17 13:57	20
Dibromofluoromethane (Surr)	98		60 - 140	06/30/17 16:34	07/05/17 13:57	20

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-5 14
Date Collected: 06/27/17 11:00
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-6
Matrix: Solid
Percent Solids: 76.9

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3200	890	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,1,2,2-Tetrachloroethane	ND		3200	520	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,1,2-Trichloroethane	ND		3200	670	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3200	1600	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,1-Dichloroethane	ND		3200	990	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,1-Dichloroethene	ND		3200	1100	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,2,4-Trichlorobenzene	ND		3200	1200	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,2-Dibromo-3-Chloropropane	ND		3200	1600	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,2-Dichlorobenzene	ND		3200	820	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,2-Dichloroethane	ND		3200	1300	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,2-Dichloropropane	ND		3200	520	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,3-Dichlorobenzene	ND		3200	860	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,4-Dichlorobenzene	ND		3200	450	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
2-Butanone (MEK)	ND		16000	9500	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
2-Hexanone	ND		16000	6600	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
4-Methyl-2-pentanone (MIBK)	ND		16000	1000	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Acetone	ND		16000	13000	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Benzene	ND		3200	610	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Bromodichloromethane	ND		3200	640	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Bromoform	ND		3200	1600	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Bromomethane	ND		3200	710	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Carbon disulfide	ND		3200	1500	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Carbon tetrachloride	ND		3200	820	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Chlorobenzene	ND		3200	420	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Dibromochloromethane	ND		3200	1600	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Chloroethane	ND		3200	670	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Chloroform	ND		3200	2200	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Chloromethane	ND		3200	760	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
cis-1,2-Dichloroethene	ND		3200	890	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
cis-1,3-Dichloropropene	ND		3200	770	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Cyclohexane	ND		3200	710	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Dichlorodifluoromethane	ND		3200	1400	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Ethylbenzene	ND		3200	930	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
1,2-Dibromoethane	ND		3200	560	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Isopropylbenzene	ND		3200	480	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Methyl acetate	ND		16000	1500	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Methyl tert-butyl ether	ND		3200	1200	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Methylcyclohexane	ND		3200	1500	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Methylene Chloride	ND		3200	640	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Styrene	ND		3200	770	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Tetrachloroethene	**100000**		3200	430	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Toluene	ND		3200	860	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
trans-1,2-Dichloroethene	ND		3200	760	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
trans-1,3-Dichloropropene	ND		3200	320	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Trichloroethene	**17000**		3200	890	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Trichlorofluoromethane	ND		3200	1500	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Vinyl chloride	ND		3200	1100	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50
Xylenes, Total	ND		6400	1800	ug/Kg	☼	06/30/17 16:34	07/05/17 14:24	50

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-5 14
Date Collected: 06/27/17 11:00
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-6
Matrix: Solid
Percent Solids: 76.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		50 - 149	06/30/17 16:34	07/05/17 14:24	50
1,2-Dichloroethane-d4 (Surr)	102		53 - 146	06/30/17 16:34	07/05/17 14:24	50
4-Bromofluorobenzene (Surr)	96		49 - 148	06/30/17 16:34	07/05/17 14:24	50
Dibromofluoromethane (Surr)	105		60 - 140	06/30/17 16:34	07/05/17 14:24	50

Client Sample ID: DISPOSAL CHAR

Lab Sample ID: 480-120240-7

Date Collected: 06/27/17 11:30

Matrix: Solid

Date Received: 06/28/17 02:00

Method: 8260C - TCLP Volatiles - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.010	0.0041	mg/L			07/01/17 01:33	10
Carbon tetrachloride	ND		0.010	0.0027	mg/L			07/01/17 01:33	10
Chlorobenzene	ND		0.010	0.0075	mg/L			07/01/17 01:33	10
Chloroform	ND		0.010	0.0034	mg/L			07/01/17 01:33	10
1,2-Dichloroethane	ND		0.010	0.0021	mg/L			07/01/17 01:33	10
1,1-Dichloroethene	ND		0.010	0.0029	mg/L			07/01/17 01:33	10
2-Butanone (MEK)	ND		0.050	0.013	mg/L			07/01/17 01:33	10
Tetrachloroethene	**0.11**		0.010	0.0036	mg/L			07/01/17 01:33	10
Trichloroethene	**0.011**		0.010	0.0046	mg/L			07/01/17 01:33	10
Vinyl chloride	ND		0.010	0.0090	mg/L			07/01/17 01:33	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*07/01/17 01:33*	*10*
Toluene-d8 (Surr)	*93*		*80 - 120*		*07/01/17 01:33*	*10*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*07/01/17 01:33*	*10*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*07/01/17 01:33*	*10*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		0.010	0.00046	mg/L		06/30/17 14:15	07/05/17 19:50	1
2,4-Dinitrotoluene	ND		0.0050	0.00045	mg/L		06/30/17 14:15	07/05/17 19:50	1
Hexachlorobenzene	ND		0.0050	0.00051	mg/L		06/30/17 14:15	07/05/17 19:50	1
Hexachlorobutadiene	ND		0.0050	0.00068	mg/L		06/30/17 14:15	07/05/17 19:50	1
Hexachloroethane	ND		0.0050	0.00059	mg/L		06/30/17 14:15	07/05/17 19:50	1
3-Methylphenol	ND		0.010	0.00040	mg/L		06/30/17 14:15	07/05/17 19:50	1
2-Methylphenol	ND		0.0050	0.00040	mg/L		06/30/17 14:15	07/05/17 19:50	1
4-Methylphenol	ND		0.010	0.00036	mg/L		06/30/17 14:15	07/05/17 19:50	1
Nitrobenzene	ND		0.0050	0.00029	mg/L		06/30/17 14:15	07/05/17 19:50	1
Pentachlorophenol	ND		0.010	0.0022	mg/L		06/30/17 14:15	07/05/17 19:50	1
Pyridine	ND		0.025	0.00041	mg/L		06/30/17 14:15	07/05/17 19:50	1
2,4,5-Trichlorophenol	ND		0.0050	0.00048	mg/L		06/30/17 14:15	07/05/17 19:50	1
2,4,6-Trichlorophenol	ND		0.0050	0.00061	mg/L		06/30/17 14:15	07/05/17 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*83*		*41 - 120*	*06/30/17 14:15*	*07/05/17 19:50*	*1*
2-Fluorobiphenyl	*80*		*48 - 120*	*06/30/17 14:15*	*07/05/17 19:50*	*1*
2-Fluorophenol	*49*		*35 - 120*	*06/30/17 14:15*	*07/05/17 19:50*	*1*
Nitrobenzene-d5	*89*		*46 - 120*	*06/30/17 14:15*	*07/05/17 19:50*	*1*
p-Terphenyl-d14	*80*		*59 - 136*	*06/30/17 14:15*	*07/05/17 19:50*	*1*
Phenol-d5	*36*		*22 - 120*	*06/30/17 14:15*	*07/05/17 19:50*	*1*

Method: 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	ND		0.00020	0.0000060	mg/L		06/30/17 09:26	07/03/17 11:45	1
Chlordane (technical)	ND		0.0020	0.000029	mg/L		06/30/17 09:26	07/03/17 11:45	1
Endrin	ND		0.00020	0.000014	mg/L		06/30/17 09:26	07/03/17 11:45	1
Heptachlor	ND		0.00020	0.0000085	mg/L		06/30/17 09:26	07/03/17 11:45	1
Heptachlor epoxide	ND		0.00020	0.0000053	mg/L		06/30/17 09:26	07/03/17 11:45	1
Methoxychlor	ND		0.00020	0.000014	mg/L		06/30/17 09:26	07/03/17 11:45	1
Toxaphene	ND		0.0020	0.00012	mg/L		06/30/17 09:26	07/03/17 11:45	1

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: DISPOSAL CHAR
Date Collected: 06/27/17 11:30
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-7
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*20 - 120*	*06/30/17 09:26*	*07/03/17 11:45*	*1*
Tetrachloro-m-xylene	*81*		*44 - 120*	*06/30/17 09:26*	*07/03/17 11:45*	*1*

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		06/30/17 10:59	07/03/17 14:01	1
2,4-D	ND		0.0020	0.00040	mg/L		06/30/17 10:59	07/03/17 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*34*	*X*	*48 - 132*	*06/30/17 10:59*	*07/03/17 14:01*	*1*

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.015	0.0056	mg/L		06/30/17 11:30	07/01/17 13:01	1
Barium	**0.55**	**J**	1.0	0.10	mg/L		06/30/17 11:30	07/01/17 13:01	1
Cadmium	**0.0015**	**J**	0.0020	0.00050	mg/L		06/30/17 11:30	07/01/17 13:01	1
Chromium	ND		0.020	0.010	mg/L		06/30/17 11:30	07/01/17 13:01	1
Lead	**0.0050**	**J**	0.020	0.0030	mg/L		06/30/17 11:30	07/01/17 13:01	1
Selenium	ND		0.025	0.0087	mg/L		06/30/17 11:30	07/01/17 13:01	1
Silver	ND		0.0060	0.0017	mg/L		06/30/17 11:30	07/01/17 13:01	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/30/17 11:15	06/30/17 15:14	1

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Free Liquid	**passed**				mL/100g			06/29/17 12:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>176.0**		50.0	50.0	Degrees F			07/02/17 13:34	1
pH	**8.1**	**HF**	0.1	0.1	SU			06/29/17 12:20	1
Temperature	**21.8**	**HF**	0.001	0.001	Degrees C			06/29/17 12:20	1

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: DISPOSAL CHAR
Date Collected: 06/27/17 11:30
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-7
Matrix: Solid
Percent Solids: 82.3

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4	0.32	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,1,2,2-Tetrachloroethane	ND		4.4	0.72	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,1,2-Trichloroethane	ND		4.4	0.58	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4	1.0	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,1-Dichloroethane	ND		4.4	0.54	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,1-Dichloroethene	ND		4.4	0.54	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,2,4-Trichlorobenzene	ND		4.4	0.27	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,2-Dibromo-3-Chloropropane	ND		4.4	2.2	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,2-Dichlorobenzene	ND		4.4	0.35	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,2-Dichloroethane	ND		4.4	0.22	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,2-Dichloropropane	ND		4.4	2.2	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,3-Dichlorobenzene	ND		4.4	0.23	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,4-Dichlorobenzene	ND		4.4	0.62	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
2-Butanone (MEK)	ND		22	1.6	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
2-Hexanone	ND		22	2.2	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		22	1.5	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Acetone	ND		22	3.7	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Benzene	ND		4.4	0.22	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Bromodichloromethane	ND		4.4	0.60	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Bromoform	ND		4.4	2.2	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Bromomethane	ND		4.4	0.40	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Carbon disulfide	ND		4.4	2.2	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Carbon tetrachloride	ND		4.4	0.43	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Chlorobenzene	ND		4.4	0.59	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Dibromochloromethane	ND		4.4	0.57	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Chloroethane	ND		4.4	1.0	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Chloroform	ND		4.4	0.27	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Chloromethane	ND		4.4	0.27	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
cis-1,2-Dichloroethene	ND		4.4	0.57	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
cis-1,3-Dichloropropene	ND		4.4	0.64	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Cyclohexane	ND		4.4	0.62	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Dichlorodifluoromethane	ND		4.4	0.37	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Ethylbenzene	ND		4.4	0.31	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
1,2-Dibromoethane	ND		4.4	0.57	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Isopropylbenzene	ND		4.4	0.67	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Methyl acetate	ND		22	2.7	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Methyl tert-butyl ether	ND		4.4	0.44	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Methylcyclohexane	ND		4.4	0.68	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Methylene Chloride	ND		4.4	2.0	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Styrene	ND		4.4	0.22	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Toluene	ND		4.4	0.34	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
trans-1,2-Dichloroethene	ND		4.4	0.46	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
trans-1,3-Dichloropropene	ND		4.4	2.0	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Trichloroethene	**19**		4.4	0.98	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Trichlorofluoromethane	ND		4.4	0.42	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Vinyl chloride	ND		4.4	0.54	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1
Xylenes, Total	ND		8.9	0.75	ug/Kg	☼	06/28/17 06:30	06/29/17 18:36	1

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: DISPOSAL CHAR
Date Collected: 06/27/17 11:30
Date Received: 06/28/17 02:00

Lab Sample ID: 480-120240-7
Matrix: Solid
Percent Solids: 82.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		71 - 125	06/28/17 06:30	06/29/17 18:36	1
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	06/28/17 06:30	06/29/17 18:36	1
4-Bromofluorobenzene (Surr)	105		72 - 126	06/28/17 06:30	06/29/17 18:36	1
Dibromofluoromethane (Surr)	111		60 - 140	06/28/17 06:30	06/29/17 18:36	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	25000		530	71	ug/Kg	☼	06/30/17 18:40	07/05/17 14:51	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		50 - 149	06/30/17 18:40	07/05/17 14:51	10
1,2-Dichloroethane-d4 (Surr)	108		53 - 146	06/30/17 18:40	07/05/17 14:51	10
4-Bromofluorobenzene (Surr)	91		49 - 148	06/30/17 18:40	07/05/17 14:51	10
Dibromofluoromethane (Surr)	102		60 - 140	06/30/17 18:40	07/05/17 14:51	10

Client Sample ID: PES-1 10.5 — **Lab Sample ID: 480-120240-1**
Date Collected: 06/27/17 08:50 — **Matrix: Solid**
Date Received: 06/28/17 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	364641	06/29/17 08:07	CDC	TAL BUF

Client Sample ID: PES-1 10.5 — **Lab Sample ID: 480-120240-1**
Date Collected: 06/27/17 08:50 — **Matrix: Solid**
Date Received: 06/28/17 02:00 — **Percent Solids: 80.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			364687	06/28/17 06:30	AMM	TAL BUF
Total/NA	Analysis	8260C		1	364645	06/29/17 16:04	SWO	TAL BUF
Total/NA	Prep	5035A_H	DL		365028	06/30/17 16:34	JAS	TAL BUF
Total/NA	Analysis	8260C	DL	4	365380	07/05/17 12:35	ARS	TAL BUF

Client Sample ID: PES-1 12 — **Lab Sample ID: 480-120240-2**
Date Collected: 06/27/17 09:10 — **Matrix: Solid**
Date Received: 06/28/17 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	364641	06/29/17 08:07	CDC	TAL BUF

Client Sample ID: PES-1 12 — **Lab Sample ID: 480-120240-2**
Date Collected: 06/27/17 09:10 — **Matrix: Solid**
Date Received: 06/28/17 02:00 — **Percent Solids: 74.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			364854	06/28/17 06:30	SWO	TAL BUF
Total/NA	Analysis	8260C		1	364845	06/30/17 02:34	AMM	TAL BUF

Client Sample ID: PES-3 10.5 — **Lab Sample ID: 480-120240-3**
Date Collected: 06/27/17 09:45 — **Matrix: Solid**
Date Received: 06/28/17 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	364641	06/29/17 08:07	CDC	TAL BUF

Client Sample ID: PES-3 10.5 — **Lab Sample ID: 480-120240-3**
Date Collected: 06/27/17 09:45 — **Matrix: Solid**
Date Received: 06/28/17 02:00 — **Percent Solids: 80.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			364687	06/28/17 06:30	AMM	TAL BUF
Total/NA	Analysis	8260C		1	364645	06/29/17 16:55	SWO	TAL BUF
Total/NA	Prep	5035A_H	DL		365028	06/30/17 16:34	JAS	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-3 10.5

Lab Sample ID: 480-120240-3

Date Collected: 06/27/17 09:45
Matrix: Solid
Date Received: 06/28/17 02:00
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	2	365380	07/05/17 13:02	ARS	TAL BUF

Client Sample ID: PES-4 11

Lab Sample ID: 480-120240-4

Date Collected: 06/27/17 10:15
Matrix: Solid
Date Received: 06/28/17 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	364641	06/29/17 08:07	CDC	TAL BUF

Client Sample ID: PES-4 11

Lab Sample ID: 480-120240-4

Date Collected: 06/27/17 10:15
Matrix: Solid
Date Received: 06/28/17 02:00
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			364687	06/28/17 06:30	AMM	TAL BUF
Total/NA	Analysis	8260C		1	364645	06/29/17 17:20	SWO	TAL BUF
Total/NA	Prep	5035A_H	DL		365028	06/30/17 16:34	JAS	TAL BUF
Total/NA	Analysis	8260C	DL	4	365380	07/05/17 13:30	ARS	TAL BUF

Client Sample ID: PES-5 12

Lab Sample ID: 480-120240-5

Date Collected: 06/27/17 10:50
Matrix: Solid
Date Received: 06/28/17 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	364641	06/29/17 08:07	CDC	TAL BUF

Client Sample ID: PES-5 12

Lab Sample ID: 480-120240-5

Date Collected: 06/27/17 10:50
Matrix: Solid
Date Received: 06/28/17 02:00
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			365028	06/30/17 16:34	JAS	TAL BUF
Total/NA	Analysis	8260C		20	365380	07/05/17 13:57	ARS	TAL BUF

Client Sample ID: PES-5 14

Lab Sample ID: 480-120240-6

Date Collected: 06/27/17 11:00
Matrix: Solid
Date Received: 06/28/17 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	364641	06/29/17 08:07	CDC	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Client Sample ID: PES-5 14

Lab Sample ID: 480-120240-6

Date Collected: 06/27/17 11:00
Matrix: Solid
Date Received: 06/28/17 02:00
Percent Solids: 76.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			365028	06/30/17 16:34	JAS	TAL BUF
Total/NA	Analysis	8260C		50	365380	07/05/17 14:24	ARS	TAL BUF

Client Sample ID: DISPOSAL CHAR

Lab Sample ID: 480-120240-7

Date Collected: 06/27/17 11:30
Matrix: Solid
Date Received: 06/28/17 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			364739	06/29/17 11:49	MAS	TAL BUF
TCLP	Analysis	8260C		10	365058	07/01/17 01:33	NEA	TAL BUF
TCLP	Leach	1311			364734	06/29/17 11:39	MAS	TAL BUF
TCLP	Prep	3510C			365008	06/30/17 14:15	SMP	TAL BUF
TCLP	Analysis	8270D		1	365443	07/05/17 19:50	PJQ	TAL BUF
TCLP	Leach	1311			364734	06/29/17 11:39	MAS	TAL BUF
TCLP	Prep	3510C			364930	06/30/17 09:26	NMC	TAL BUF
TCLP	Analysis	8081B		1	365201	07/03/17 11:45	MAN	TAL BUF
TCLP	Leach	1311			364734	06/29/17 11:39	MAS	TAL BUF
TCLP	Prep	8151A			364968	06/30/17 10:59	NMC	TAL BUF
TCLP	Analysis	8151		1	365226	07/03/17 14:01	JMO	TAL BUF
TCLP	Leach	1311			364734	06/29/17 11:39	MAS	TAL BUF
TCLP	Prep	3010A			364956	06/30/17 11:30	EMB	TAL BUF
TCLP	Analysis	6010C		1	365261	07/01/17 13:01	AMH	TAL BUF
TCLP	Leach	1311			364734	06/29/17 11:39	MAS	TAL BUF
TCLP	Prep	7470A			364960	06/30/17 11:15	MVZ	TAL BUF
TCLP	Analysis	7470A		1	365025	06/30/17 15:14	MVZ	TAL BUF
Total/NA	Analysis	1010A		1	365148	07/02/17 13:34	JCL	TAL BUF
Total/NA	Analysis	9045D		1	364841	06/29/17 12:20	ALZ	TAL BUF
Total/NA	Analysis	9095B		1	364744	06/29/17 12:37	ALZ	TAL BUF
Total/NA	Analysis	Moisture		1	364641	06/29/17 08:07	CDC	TAL BUF

Client Sample ID: DISPOSAL CHAR

Lab Sample ID: 480-120240-7

Date Collected: 06/27/17 11:30
Matrix: Solid
Date Received: 06/28/17 02:00
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			364687	06/28/17 06:30	AMM	TAL BUF
Total/NA	Analysis	8260C		1	364645	06/29/17 18:36	SWO	TAL BUF
Total/NA	Prep	5035A_H	DL		365028	06/30/17 18:40	JAS	TAL BUF
Total/NA	Analysis	8260C	DL	10	365380	07/05/17 14:51	ARS	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Laboratory: TestAmerica Buffalo

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	10026	03-31-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
9045D		Solid	Temperature
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Method	Method Description	Protocol	Laboratory
8260C	TCLP Volatiles	SW846	TAL BUF
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8151	TCLP Herbicides	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL BUF
9045D	pH	SW846	TAL BUF
9095B	Paint Filter	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

Sample Summary

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-120240-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-120240-1	PES-1 10.5	Solid	06/27/17 08:50	06/28/17 02:00
480-120240-2	PES-1 12	Solid	06/27/17 09:10	06/28/17 02:00
480-120240-3	PES-3 10.5	Solid	06/27/17 09:45	06/28/17 02:00
480-120240-4	PES-4 11	Solid	06/27/17 10:15	06/28/17 02:00
480-120240-5	PES-5 12	Solid	06/27/17 10:50	06/28/17 02:00
480-120240-6	PES-5 14	Solid	06/27/17 11:00	06/28/17 02:00
480-120240-7	DISPOSAL CHAR	Solid	06/27/17 11:30	06/28/17 02:00

480501-Albany

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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480-120240 COC

Client Information	Sampler: Steve Phelps	Lab PM: Stone, Judy L	COC No: 480-99253-23642.1
Client Contact: Stephen Phelps	Phone: 518-528-1427	E-Mail: judy.stone@testamericainc.com	Page: Page 1 of 1
Company: Precision Environmental Services Inc.			Job #:
Address: 831 State Route 67 Ste 38	Due Date Requested:		
City: Ballston Spa	TAT Requested (days): TCL VOA's = 3 Day DISPOSAL CHAR = STANDARD		
State, Zip: NY, 12020			
Phone:	PO #: CallOut ID 120965		
Email: sphelps@precisionenvironmentalny.com	WO #:		
Project Name: Former RKO Dry Cleaners #401065	Project #: 48005902		
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 - 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	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 - TCL list OLM04.2	9095B - Local Method	6010C, 7470A, 8081B, 8151A, 8270D	8260C - TCLP Volatiles	1010A, 9045D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N		
PES-1 10.5	6/27/17	0850	G	Solid			X						3 DAY TAT
PES-1 12		0910	G	Solid			X						
PES-3 10.5		0945	G	Solid			X						
PES-4 11		1015	G	Solid			X						
PES-5 12		1050	G	Solid			X						
PES-5 14		1100	G	Solid			X						3 DAY TAT
DISPOSAL CHAR	6/27/17	1130	C	Solid			X	X	X	X	X		STD TAT
				Solid									
				Solid									
				Solid									
				Solid									

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: 6/27/17 1230	Company: PES	Received by:	Date/Time: 6-27-17 1800	Company: TA
Relinquished by:	Date/Time: 6-27-17 1800	Company: TA	Received by:	Date/Time: 6-28-17 0220	Company: TAS
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: 1.0 #1

7/6/2017

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-120240-1

Login Number: 120240

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 (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	FREEZER ON 28JUNE2017 @0630
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	PES
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: 480-127839-1
Client Project/Site: Former RKO Dry Cleaners #401065

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, New York 12233-7017

Attn: Kyle Forster

Judy Stone

Authorized for release by:
12/6/2017 4:33:05 PM

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

LINKS

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Have a Question? Ask The Expert

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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.

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 within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Judy Stone
Senior Project Manager
12/6/2017 4:33:05 PM

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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-127839-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

GC Semi VOA

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.

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.

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: 480-127839-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-127839-1

Receipt
The sample was received on 11/21/2017 1:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.0º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-388724 recovered above the upper control limit for Vinyl chloride. The sample associated with this CCV was non-detect for the affected analyte; therefore, the data have been reported. The following sample is impacted: VALENTE-HOFFAYS PIT (480-127839-1).

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) 8151A: The continuing calibration verifications (CCVs) associated with batch 480-389279 recovered above the upper control limit for multiple analytes and surrogate 2,4-Dichlorophenylacetic acid. The sample associated with these CCVs was non-detect for all analytes and the surrogate results are not adversely affected; therefore, the data have been reported. The following sample is impacted: VALENTE-HOFFAYS PIT (480-127839-1).

Method(s) 8082A: The Aroclor 1260 recovery in (CCVIS 480-388595/6) was slightly low -22.8 (Limit 20) on the ZB-5 column; the opening CCV previous to batch analysis is compliant, therefore the data has been reported.

Method(s) 8081B: All primary data for analytical batch 388786 are reported from the RTX-CLPI column.

Method(s) 8082A: All primary data for analytical batch 388595 are reported from the ZB-5 column.

Method(s) 8082A: The percent difference in a multi-component continuing calibration verification is assessed on the basis of the total amount; individual peak calculations are only listed for completeness.

Method(s) 8151A: All primary data for analytical batch 389279 are reported from the RTX-CLPI column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010C: The method blank for preparation batch 480-388853 and analytical batch 480-389577 contained Total Manganese above the reporting limit (RL). Associated sample VALENTE-HOFFAYS PIT (480-127839-1) was not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample ID: VALENTE-HOFFAYS PIT

Date Collected: 11/20/17 13:45
Date Received: 11/21/17 01:00

Lab Sample ID: 480-127839-1

Matrix: Solid
Percent Solids: 95.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.1	0.37	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
1,1-Dichloroethane	ND	vs	5.1	0.62	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
1,1-Dichloroethene	ND	vs	5.1	0.63	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
1,2,4-Trimethylbenzene	ND	vs	5.1	0.98	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
1,2-Dichlorobenzene	ND	vs	5.1	0.40	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
1,2-Dichloroethane	ND	vs	5.1	0.26	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
1,3,5-Trimethylbenzene	ND	vs	5.1	0.33	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
1,3-Dichlorobenzene	ND	vs	5.1	0.26	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
1,4-Dichlorobenzene	ND	vs	5.1	0.72	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
1,4-Dioxane	ND	vs	100	22	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Methyl ethyl ketone (MEK)	ND	vs	26	1.9	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Acetone	ND	vs	26	4.3	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Benzene	ND	vs	5.1	0.25	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Carbon tetrachloride	ND	vs	5.1	0.49	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Chlorobenzene	ND	vs	5.1	0.67	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Chloroform	ND	vs	5.1	0.32	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
cis-1,2-Dichloroethene	ND	vs	5.1	0.65	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Ethylbenzene	ND	vs	5.1	0.35	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Methyl tert-butyl ether	ND	vs	5.1	0.50	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Methylene Chloride	ND	vs	5.1	2.4	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
n-Butylbenzene	ND	vs	5.1	0.44	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
N-Propylbenzene	ND	vs	5.1	0.41	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
sec-Butylbenzene	ND	vs	5.1	0.44	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
tert-Butylbenzene	ND	vs	5.1	0.53	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Tetrachloroethene	ND	vs	5.1	0.69	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Toluene	ND	vs	5.1	0.39	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
trans-1,2-Dichloroethene	ND	vs	5.1	0.53	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Trichloroethene	ND	vs	5.1	1.1	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Vinyl chloride	ND	vs	5.1	0.62	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1
Xylenes, Total	ND	vs	10	0.86	ug/Kg	☼	11/22/17 09:33	11/22/17 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*64 - 126*	*11/22/17 09:33*	*11/22/17 18:48*	*1*
4-Bromofluorobenzene (Surr)	*88*		*72 - 126*	*11/22/17 09:33*	*11/22/17 18:48*	*1*
Dibromofluoromethane (Surr)	*93*		*60 - 140*	*11/22/17 09:33*	*11/22/17 18:48*	*1*
Toluene-d8 (Surr)	*91*		*71 - 125*	*11/22/17 09:33*	*11/22/17 18:48*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		180	26	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Acenaphthylene	ND		180	23	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Anthracene	ND		180	44	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Benzo[a]anthracene	ND		180	18	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Benzo[a]pyrene	ND		180	26	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Benzo[b]fluoranthene	ND		180	28	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Benzo[g,h,i]perylene	ND		180	19	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Benzo[k]fluoranthene	ND		180	23	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Chrysene	ND		180	40	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Dibenz(a,h)anthracene	ND		180	31	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Dibenzofuran	ND		180	21	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1

Client Sample ID: VALENTE-HOFFAYS PIT
Date Collected: 11/20/17 13:45
Date Received: 11/21/17 01:00

Lab Sample ID: 480-127839-1
Matrix: Solid
Percent Solids: 95.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		180	19	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Fluorene	ND		180	21	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Hexachlorobenzene	ND		180	24	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Indeno[1,2,3-cd]pyrene	ND		180	22	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
2-Methylphenol	ND		180	21	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
3-Methylphenol	ND		340	27	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
4-Methylphenol	ND		340	21	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Naphthalene	ND		180	23	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Pentachlorophenol	ND		340	180	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Phenanthrene	ND		180	26	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Phenol	ND		180	27	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1
Pyrene	ND		180	21	ug/Kg	☼	11/21/17 14:07	11/22/17 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*84*		*60 - 120*	*11/21/17 14:07*	*11/22/17 17:31*	*1*
Nitrobenzene-d5 (Surr)	*79*		*53 - 120*	*11/21/17 14:07*	*11/22/17 17:31*	*1*
p-Terphenyl-d14 (Surr)	*104*		*65 - 121*	*11/21/17 14:07*	*11/22/17 17:31*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*54 - 120*	*11/21/17 14:07*	*11/22/17 17:31*	*1*
2-Fluorophenol (Surr)	*77*		*52 - 120*	*11/21/17 14:07*	*11/22/17 17:31*	*1*
Phenol-d5 (Surr)	*86*		*54 - 120*	*11/21/17 14:07*	*11/22/17 17:31*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.7	0.33	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
4,4'-DDE	ND		1.7	0.36	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
4,4'-DDT	ND		1.7	0.40	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
Aldrin	ND		1.7	0.42	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
alpha-BHC	ND		1.7	0.31	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
alpha-Chlordane	ND		1.7	0.86	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
beta-BHC	ND		1.7	0.31	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
delta-BHC	**0.63**	**J B**	1.7	0.32	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
Dieldrin	ND		1.7	0.41	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
Endosulfan I	ND		1.7	0.33	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
Endosulfan II	ND		1.7	0.31	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
Endosulfan sulfate	ND		1.7	0.32	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
Endrin	ND		1.7	0.34	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
gamma-BHC (Lindane)	ND		1.7	0.32	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1
Heptachlor	ND		1.7	0.37	ug/Kg	☼	11/21/17 14:17	11/22/17 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*45 - 120*	*11/21/17 14:17*	*11/22/17 14:32*	*1*
DCB Decachlorobiphenyl	*109*		*45 - 120*	*11/21/17 14:17*	*11/22/17 14:32*	*1*
Tetrachloro-m-xylene	*86*		*30 - 124*	*11/21/17 14:17*	*11/22/17 14:32*	*1*
Tetrachloro-m-xylene	*80*		*30 - 124*	*11/21/17 14:17*	*11/22/17 14:32*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	ND		0.18	0.086	mg/Kg	☼	11/21/17 11:22	11/22/17 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*65 - 174*	*11/21/17 11:22*	*11/22/17 00:41*	*1*

Client Sample ID: VALENTE-HOFFAYS PIT
Date Collected: 11/20/17 13:45
Date Received: 11/21/17 01:00

Lab Sample ID: 480-127839-1
Matrix: Solid
Percent Solids: 95.2

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*65 - 174*	*11/21/17 11:22*	*11/22/17 00:41*	*1*
Tetrachloro-m-xylene	*70*		*60 - 154*	*11/21/17 11:22*	*11/22/17 00:41*	*1*
Tetrachloro-m-xylene	*73*		*60 - 154*	*11/21/17 11:22*	*11/22/17 00:41*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silvex (2,4,5-TP)	ND		17	6.2	ug/Kg	☼	11/21/17 14:21	11/27/17 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*110*		*28 - 129*	*11/21/17 14:21*	*11/27/17 19:05*	*1*
2,4-Dichlorophenylacetic acid	*125*		*28 - 129*	*11/21/17 14:21*	*11/27/17 19:05*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.0**		2.1	0.42	mg/Kg	☼	11/22/17 14:04	11/25/17 04:49	1
Barium	**106**		0.52	0.12	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1
Beryllium	**0.71**		0.21	0.029	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1
Cadmium	**0.052**	**J**	0.21	0.031	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1
Chromium	**17.2**	**B**	0.52	0.21	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1
Copper	**21.2**		1.0	0.22	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1
Lead	**16.1**		1.0	0.25	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1
Manganese	**541**	**B**	0.21	0.034	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1
Nickel	**21.6**		5.2	0.24	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1
Selenium	ND		4.2	0.42	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1
Silver	ND		0.63	0.21	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1
Zinc	**52.2**		2.1	0.67	mg/Kg	☼	11/22/17 14:04	11/28/17 16:17	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.016**	**J**	0.021	0.0085	mg/Kg	☼	11/27/17 15:00	11/27/17 16:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		2.2	0.43	mg/Kg	☼	12/04/17 11:45	12/04/17 15:30	1
Cyanide, Total	ND		0.97	0.47	mg/Kg	☼	11/29/17 08:41	11/30/17 11:52	1
Chromium, trivalent	**17.2**		1.5	0.63	mg/Kg			12/05/17 14:30	1

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-127839-1

Client Sample ID: VALENTE-HOFFAYS PIT

Lab Sample ID: 480-127839-1
Date Collected: 11/20/17 13:45
Matrix: Solid
Date Received: 11/21/17 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	389213	11/27/17 11:17	CMJ	TAL BUF
Total/NA	Analysis	SM 3500 CR D		1	390590	12/05/17 14:30	LMH	TAL BUF

Client Sample ID: VALENTE-HOFFAYS PIT

Lab Sample ID: 480-127839-1
Date Collected: 11/20/17 13:45
Matrix: Solid
Date Received: 11/21/17 01:00
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			388777	11/22/17 09:33	CDC	TAL BUF
Total/NA	Analysis	8260C		1	388724	11/22/17 18:48	CDC	TAL BUF
Total/NA	Prep	3550C			388635	11/21/17 14:07	BEK	TAL BUF
Total/NA	Analysis	8270D		1	388851	11/22/17 17:31	PJQ	TAL BUF
Total/NA	Prep	3550C			388636	11/21/17 14:17	BEK	TAL BUF
Total/NA	Analysis	8081B		1	388786	11/22/17 14:32	JLS	TAL BUF
Total/NA	Prep	3550C			388555	11/21/17 11:22	CAM	TAL BUF
Total/NA	Analysis	8082A		1	388595	11/22/17 00:41	JMO	TAL BUF
Total/NA	Prep	8151A			388640	11/21/17 14:21	BEK	TAL BUF
Total/NA	Analysis	8151A		1	389279	11/27/17 19:05	JMO	TAL BUF
Total/NA	Prep	3050B			388853	11/22/17 14:04	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389577	11/28/17 16:17	LMH	TAL BUF
Total/NA	Prep	3050B			388853	11/22/17 14:04	EMB	TAL BUF
Total/NA	Analysis	6010C		1	389578	11/25/17 04:49	LMH	TAL BUF
Total/NA	Prep	7471B			389260	11/27/17 15:00	EMB	TAL BUF
Total/NA	Analysis	7471B		1	389294	11/27/17 16:39	BMB	TAL BUF
Total/NA	Prep	3060A			481733	12/04/17 11:45	RAK	TAL EDI
Total/NA	Analysis	7196A		1	481736	12/04/17 15:30	RAK	TAL EDI
Total/NA	Prep	9012B			389561	11/29/17 08:41	CLT	TAL BUF
Total/NA	Analysis	9012B		1	389891	11/30/17 11:52	MDL	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: New York State D.E.C. TestAmerica Job ID: 480-127839-1
Project/Site: Former RKO Dry Cleaners #401065

Laboratory: TestAmerica Buffalo

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	10026	03-31-18

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
SM 3500 CR D		Solid	Chromium, trivalent

Laboratory: TestAmerica Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Connecticut	State Program	1	PH-0200	09-30-18
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	N/A	12-31-17
New Jersey	NELAP	2	12028	06-30-18
New York	NELAP	2	11452	04-01-18
Pennsylvania	NELAP	3	68-00522	02-28-18
Rhode Island	State Program	1	LAO00132	12-30-17
USDA	Federal		NJCA-003-08	06-13-20

Method Summary

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-127839-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8081B	Organochlorine Pesticides (GC)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
8151A	Herbicides (GC)	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
7196A	Chromium, Hexavalent	SW846	TAL EDI
9012B	Cyanide, Total andor Amenable	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
SM 3500 CR D	Chromium, Trivalent	SM	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

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 EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-127839-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-127839-1	VALENTE-HOFFAYS PIT	Solid	11/20/17 13:45	11/21/17 01:00

Chain of Custody Record

480501-Albany

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC - Central Office	Kyle Forster	11/20/17	296466
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
625 Broadway	(518) 885-7399		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Albany / NY	Steve Phelps		
Project Name and Location (State)	**Carrier/Waybill Number**		
Former RKO Dry Cleaners			
Contract/Purchase Order/Quote No.			
Spill: 4010C5			

Analysis (Attach list if more space is needed)

480-127839 COC

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/ NaOH	Fill Part 375 List
Valente - Hoffays P.t	11/20/17	1345				X	4						X

Samples collected by PES

11-20-17

Possible Hazard Identification	Sample Disposal
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required	QC Requirements (Specify)
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard	

	1. Relinquished By	Date	Time	1. Received By	Date	Time
		11/20/17	1437		11-20-17	1437
	2. Relinquished By	Date	Time	2. Received By	Date	Time
		11-20-17	1800	TAS 11-21-17 0100		
	3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

cc Report to Steve Phelps @ Precision (sphelps@precisionenvironmentalny.com)

#1 1.0

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-39208.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: judy.stone@testamericainc.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 480-127839-1
Address: 777 New Durham Road, ,	Due Date Requested: 12/4/2017			
City: Edison	TAT Requested (days):			
State, Zip: NJ, 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #:			
Email:	WO #:			
Project Name: Former RKO Dry Cleaners #401065	Project #: 48005902			
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)	7196A/3060A Hexavalent Chromium - 7196	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
VALENTE-HOFFAYS PIT (480-127839-1)	11/20/17	13:45 Eastern		Solid			X	1	

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	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) Primary Deliverable Rank: 1	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11/21/17 17:10		via FedEx	11/22/17 0945	TAL BUF
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: X Yes Δ No
Custody Seal No.: 009483
Cooler Temperature(s) °C and Other Remarks: 0.6°C IR9

Ver: 09/20/2016

12/6/2017

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-127839-1

Login Number: 127839
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 (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.	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	pes
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: New York State D.E.C.

Job Number: 480-127839-1

Login Number: 127839
List Number: 2
Creator: Armbruster, Chris

List Source: TestAmerica Edison
List Creation: 11/28/17 10:57 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	009483
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	0.6°C IR9
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	

PHOENIX
Environmental Laboratories, Inc.

Friday, June 08, 2018

Attn: Mr. Steve Phelps
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Project ID: RKO CLEANERS
Sample ID#s: CA64333, CA64390

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

June 08, 2018

SDG I.D.: GCA64333

CA64333 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

CA64390 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 08, 2018

FOR: Attn: Mr. Steve Phelps
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/05/18	11:00
Location Code:	PRECISIN	Received by:	LB	06/05/18	16:48
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCA64333
Phoenix ID: CA64333

Project ID: RKO CLEANERS
Client ID: B-1 12.5

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	79			%		06/05/18	Q	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	L	380	ug/kg	50	06/06/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
1,1-Dichloroethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
1,1-Dichloroethene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	L	380	ug/kg	50	06/06/18	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	L	380	ug/kg	50	06/06/18	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	L	380	ug/kg	50	06/06/18	JLI	SW8260C
1,2-Dibromoethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
1,2-Dichlorobenzene	ND	L	380	ug/kg	50	06/06/18	JLI	SW8260C
1,2-Dichloroethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
1,2-Dichloropropane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
1,3-Dichlorobenzene	ND	L	380	ug/kg	50	06/06/18	JLI	SW8260C
1,4-Dichlorobenzene	ND	L	380	ug/kg	50	06/06/18	JLI	SW8260C
2-Hexanone	ND	L	31	ug/kg	1	06/06/18	JLI	SW8260C
4-Methyl-2-pentanone	ND	L	31	ug/kg	1	06/06/18	JLI	SW8260C
Acetone	ND	L	63	ug/kg	1	06/06/18	JLI	SW8260C
Benzene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
Bromochloromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
Bromodichloromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
Bromoform	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
Bromomethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
Carbon Disulfide	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
Carbon tetrachloride	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C
Chlorobenzene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C

Project ID: RKO CLEANERS
Client ID: B-1 12.5

Phoenix I.D.: CA64333

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Chloroethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Chloroform	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Chloromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
cis-1,2-Dichloroethene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Cyclohexane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Dibromochloromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Dichlorodifluoromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Ethylbenzene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Isopropylbenzene	ND	L	380	ug/kg	50	06/06/18	JLI	SW8260C	
m&p-Xylene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Methyl ethyl ketone	ND	L	38	ug/kg	1	06/06/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	L	13	ug/kg	1	06/06/18	JLI	SW8260C	
Methylacetate	ND	L	5.0	ug/kg	1	06/06/18	JLI	SW8260C	
Methylcyclohexane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Methylene chloride	ND	L	31	ug/kg	1	06/06/18	JLI	SW8260C	
o-Xylene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Styrene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Tetrachloroethene	47000	L	1900	ug/kg	250	06/07/18	JLI	SW8260C	
Toluene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Total Xylenes	ND		6.3	ug/kg	1	06/06/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Trichloroethene	250	L	230	ug/kg	50	06/06/18	JLI	SW8260C	
Trichlorofluoromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Vinyl chloride	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	95			%	50	06/06/18	JLI	70 - 130 %	
% Bromofluorobenzene	91			%	50	06/06/18	JLI	70 - 130 %	
% Dibromofluoromethane	146			%	1	06/06/18	JLI	70 - 130 %	3
% Toluene-d8	89			%	1	06/06/18	JLI	70 - 130 %	

1,4-dioxane

1,4-dioxane	ND	L	94	ug/kg	1	06/06/18	JLI	SW8260C	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile comment:
**Poor surrogate recovery was observed for volatiles due to matrix interference.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

June 08, 2018

Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 08, 2018

FOR: Attn: Steve Phelps
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		06/05/18	11:00
Location Code:	PRECISIN	Received by:	SW	06/05/18	16:48
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCA64333
Phoenix ID: CA64390

Project ID: RKO CLEANERS
Client ID: B-2 13.5

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	78			%		06/05/18	Q	SW846-%Solid
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	L	390	ug/kg	50	06/06/18	JLI	SW8260C
1,1,2-Trichloroethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
1,1-Dichloroethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
1,1-Dichloroethene	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	L	390	ug/kg	50	06/06/18	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	L	390	ug/kg	50	06/06/18	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	L	390	ug/kg	50	06/06/18	JLI	SW8260C
1,2-Dibromoethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
1,2-Dichlorobenzene	ND	L	390	ug/kg	50	06/06/18	JLI	SW8260C
1,2-Dichloroethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
1,2-Dichloropropane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
1,3-Dichlorobenzene	ND	L	390	ug/kg	50	06/06/18	JLI	SW8260C
1,4-Dichlorobenzene	ND	L	390	ug/kg	50	06/06/18	JLI	SW8260C
2-Hexanone	ND	L	31	ug/kg	1	06/06/18	JLI	SW8260C
4-Methyl-2-pentanone	ND	L	31	ug/kg	1	06/06/18	JLI	SW8260C
Acetone	ND	L	62	ug/kg	1	06/06/18	JLI	SW8260C
Benzene	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
Bromochloromethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
Bromodichloromethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
Bromoform	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
Bromomethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
Carbon Disulfide	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
Carbon tetrachloride	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C
Chlorobenzene	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C

Project ID: RKO CLEANERS
Client ID: B-2 13.5

Phoenix I.D.: CA64390

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Chloroethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Chloroform	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Chloromethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
cis-1,2-Dichloroethene	220	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Cyclohexane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Dibromochloromethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Dichlorodifluoromethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Ethylbenzene	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Isopropylbenzene	ND	L	390	ug/kg	50	06/06/18	JLI	SW8260C	
m&p-Xylene	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Methyl ethyl ketone	ND	L	37	ug/kg	1	06/06/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	L	12	ug/kg	1	06/06/18	JLI	SW8260C	
Methylacetate	ND	L	5.0	ug/kg	1	06/06/18	JLI	SW8260C	
Methylcyclohexane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Methylene chloride	ND	L	31	ug/kg	1	06/06/18	JLI	SW8260C	
o-Xylene	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Styrene	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Tetrachloroethene	11000	L	390	ug/kg	50	06/06/18	JLI	SW8260C	
Toluene	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Total Xylenes	ND		6.2	ug/kg	1	06/06/18	JLI	SW8260C	
trans-1,2-Dichloroethene	25	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Trichloroethene	3200	L	390	ug/kg	50	06/06/18	JLI	SW8260C	
Trichlorofluoromethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
Vinyl chloride	ND	L	6.2	ug/kg	1	06/06/18	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	96			%	50	06/06/18	JLI	70 - 130 %	
% Bromofluorobenzene	92			%	50	06/06/18	JLI	70 - 130 %	
% Dibromofluoromethane	168			%	1	06/06/18	JLI	70 - 130 %	3
% Toluene-d8	113			%	1	06/06/18	JLI	70 - 130 %	
1,4-dioxane									
1,4-dioxane	ND	L	93	ug/kg	1	06/06/18	JLI	SW8260C	

Project ID: RKO CLEANERS
Client ID: B-2 13.5

Phoenix I.D.: CA64390

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.
**Surrogate recoveries as well as internal standard responses were outside control limits for volatiles. Sample was analyzed twice with similar results indicating matrix interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

June 08, 2018

Reviewed and Released by: Bobbi Aloisa, Vice President

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

June 08, 2018

QA/QC Data

SDG I.D.: GCA64333

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 433559 (ug/kg), QC Sample No: CA63452 (CA64333 (50X) , CA64390 (1X, 50X))											
Volatiles - Soil											
1,1,1-Trichloroethane	ND	5.0	87	83	4.7	87	91	4.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	97	96	1.0	85	89	4.6	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	105	104	1.0	96	100	4.1	70 - 130	30	
1,1-Dichloroethane	ND	5.0	102	97	5.0	100	102	2.0	70 - 130	30	
1,1-Dichloroethene	ND	5.0	100	99	1.0	92	99	7.3	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	98	100	2.0	94	100	6.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	90	92	2.2	87	91	4.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	100	99	1.0	81	86	6.0	70 - 130	30	
1,2-Dibromoethane	ND	5.0	94	97	3.1	89	99	10.6	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	97	99	2.0	92	96	4.3	70 - 130	30	
1,2-Dichloroethane	ND	5.0	91	90	1.1	85	91	6.8	70 - 130	30	
1,2-Dichloropropane	ND	5.0	103	102	1.0	98	100	2.0	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	94	96	2.1	90	92	2.2	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	97	100	3.0	94	97	3.1	70 - 130	30	
1,4-dioxane	ND	100	85	89	4.6	89	141	45.2	70 - 130	30	m,r
2-Hexanone	ND	25	89	89	0.0	79	87	9.6	70 - 130	30	
4-Methyl-2-pentanone	ND	25	97	97	0.0	91	112	20.7	70 - 130	30	
Acetone	ND	10	68	64	6.1	74	74	0.0	70 - 130	30	I
Benzene	ND	1.0	103	102	1.0	100	104	3.9	70 - 130	30	
Bromochloromethane	ND	5.0	95	90	5.4	89	92	3.3	70 - 130	30	
Bromodichloromethane	ND	5.0	91	90	1.1	84	88	4.7	70 - 130	30	
Bromoform	ND	5.0	80	82	2.5	73	81	10.4	70 - 130	30	
Bromomethane	ND	5.0	98	92	6.3	91	94	3.2	70 - 130	30	
Carbon Disulfide	ND	5.0	93	91	2.2	85	89	4.6	70 - 130	30	
Carbon tetrachloride	ND	5.0	86	84	2.4	83	87	4.7	70 - 130	30	
Chlorobenzene	ND	5.0	94	96	2.1	93	101	8.2	70 - 130	30	
Chloroethane	ND	5.0	108	104	3.8	103	108	4.7	70 - 130	30	
Chloroform	ND	5.0	88	84	4.7	86	89	3.4	70 - 130	30	
Chloromethane	ND	5.0	112	98	13.3	97	100	3.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	103	98	5.0	101	106	4.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	102	102	0.0	92	90	2.2	70 - 130	30	
Cyclohexane	ND	5.0	91	88	3.4	89	91	2.2	70 - 130	30	
Dibromochloromethane	ND	3.0	94	93	1.1	87	93	6.7	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	111	103	7.5	85	89	4.6	70 - 130	30	
Ethylbenzene	ND	1.0	92	94	2.2	92	111	18.7	70 - 130	30	
Isopropylbenzene	ND	1.0	98	97	1.0	93	93	0.0	70 - 130	30	
m&p-Xylene	ND	2.0	90	91	1.1	88	107	19.5	70 - 130	30	
Methyl ethyl ketone	ND	5.0	85	83	2.4	77	79	2.6	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	96	91	5.3	86	90	4.5	70 - 130	30	
Methylacetate	ND	5.0	96	92	4.3	94	110	15.7	70 - 130	30	
Methylcyclohexane	ND	5.0	86	88	2.3	80	94	16.1	70 - 130	30	

QA/QC Data

SDG I.D.: GCA64333

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methylene chloride	ND	5.0	92	87	5.6	96	98	2.1	70 - 130	30	
o-Xylene	ND	2.0	94	96	2.1	92	90	2.2	70 - 130	30	
Styrene	ND	5.0	86	88	2.3	84	92	9.1	70 - 130	30	
Tetrachloroethene	ND	5.0	104	107	2.8	97	95	2.1	70 - 130	30	
Toluene	ND	1.0	100	101	1.0	98	101	3.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	99	94	5.2	93	99	6.3	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	86	86	0.0	77	78	1.3	70 - 130	30	
Trichloroethene	ND	5.0	103	104	1.0	101	105	3.9	70 - 130	30	
Trichlorofluoromethane	ND	5.0	90	89	1.1	88	93	5.5	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	96	96	0.0	90	94	4.3	70 - 130	30	
Vinyl chloride	ND	5.0	107	102	4.8	98	100	2.0	70 - 130	30	
% 1,2-dichlorobenzene-d4	94	%	102	99	3.0	98	93	5.2	70 - 130	30	
% Bromofluorobenzene	93	%	95	95	0.0	95	98	3.1	70 - 130	30	
% Dibromofluoromethane	101	%	97	91	6.4	97	95	2.1	70 - 130	30	
% Toluene-d8	85	%	103	101	2.0	101	99	2.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 433354 (ug/kg), QC Sample No: CA63968 (CA64333)

Volatiles - Soil

1,1,1-Trichloroethane	ND	5.0	85	87	2.3	84	87	3.5	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	106	105	0.9	99	100	1.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	97	99	2.0	96	100	4.1	70 - 130	30	
1,1-Dichloroethene	ND	5.0	94	97	3.1	90	93	3.3	70 - 130	30	
1,2-Dibromoethane	ND	5.0	99	97	2.0	92	92	0.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	94	96	2.1	87	89	2.3	70 - 130	30	
1,2-Dichloropropane	ND	5.0	101	104	2.9	99	102	3.0	70 - 130	30	
1,4-dioxane	ND	100	86	86	0.0	94	95	1.1	70 - 130	30	
2-Hexanone	ND	25	92	89	3.3	77	78	1.3	70 - 130	30	
4-Methyl-2-pentanone	ND	25	97	94	3.1	84	85	1.2	70 - 130	30	
Acetone	ND	10	63	65	3.1	66	62	6.3	70 - 130	30	l,m
Benzene	ND	1.0	103	103	0.0	100	103	3.0	70 - 130	30	
Bromochloromethane	ND	5.0	90	92	2.2	87	90	3.4	70 - 130	30	
Bromodichloromethane	ND	5.0	93	94	1.1	86	88	2.3	70 - 130	30	
Bromoform	ND	5.0	87	85	2.3	74	76	2.7	70 - 130	30	
Bromomethane	ND	5.0	85	86	1.2	79	84	6.1	70 - 130	30	
Carbon Disulfide	ND	5.0	87	88	1.1	85	88	3.5	70 - 130	30	
Carbon tetrachloride	ND	5.0	85	85	0.0	81	83	2.4	70 - 130	30	
Chlorobenzene	ND	5.0	97	97	0.0	94	97	3.1	70 - 130	30	
Chloroethane	ND	5.0	94	96	2.1	45	45	0.0	70 - 130	30	m
Chloroform	ND	5.0	86	88	2.3	87	81	7.1	70 - 130	30	
Chloromethane	ND	5.0	88	90	2.2	106	109	2.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	100	100	0.0	100	102	2.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	103	104	1.0	97	99	2.0	70 - 130	30	
Cyclohexane	ND	5.0	86	89	3.4	91	93	2.2	70 - 130	30	
Dibromochloromethane	ND	3.0	97	98	1.0	88	89	1.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	79	79	0.0	110	112	1.8	70 - 130	30	
Ethylbenzene	ND	1.0	94	95	1.1	93	95	2.1	70 - 130	30	
m&p-Xylene	ND	2.0	91	92	1.1	89	92	3.3	70 - 130	30	
Methyl ethyl ketone	ND	5.0	85	79	7.3	71	76	6.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	86	87	1.2	89	92	3.3	70 - 130	30	
Methylacetate	ND	5.0	91	90	1.1	88	90	2.2	70 - 130	30	
Methylcyclohexane	ND	5.0	89	90	1.1	91	91	0.0	70 - 130	30	

QA/QC Data

SDG I.D.: GCA64333

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methylene chloride	ND	5.0	86	90	4.5	87	88	1.1	70 - 130	30	
o-Xylene	ND	2.0	97	99	2.0	94	96	2.1	70 - 130	30	
Styrene	ND	5.0	88	88	0.0	86	88	2.3	70 - 130	30	
Toluene	ND	1.0	102	102	0.0	100	103	3.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	94	95	1.1	95	99	4.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	89	88	1.1	81	82	1.2	70 - 130	30	
Trichlorofluoromethane	ND	5.0	81	82	1.2	21	22	4.7	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	90	92	2.2	92	99	7.3	70 - 130	30	
Vinyl chloride	ND	5.0	91	93	2.2	107	111	3.7	70 - 130	30	
% Dibromofluoromethane	101	%	91	94	3.2	96	95	1.0	70 - 130	30	
% Toluene-d8	87	%	103	103	0.0	102	102	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 433572 (ug/kg), QC Sample No: CA64677 (CA64333 (250X))

Volatiles - Soil

Tetrachloroethene	ND	5.0	106	108	1.9	100	97	3.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
June 08, 2018

Friday, June 08, 2018

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCA64333 - PRECISIN

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 08, 2018 SDG I.D.: GCA64333

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM18 06/05/18-2: CA64333

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 26% (20%), Methyl ethyl ketone 26% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM18 06/06/18-1: CA64333, CA64390

The following Initial Calibration compounds did not meet RSD% criteria: 1,2,4-Trichlorobenzene 25% (20%), Acetone 26% (20%), Methyl ethyl ketone 26% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☐ No ☐
Temp 1.4° C Pg 1 of 1

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☐ Phone:
☐ Email:

Customer: Rochester Env. Svc
Address: Ballston Spa, NY

Project: RKO Cleaners
Report to: Steve Phelps @ PES
Invoice to: Same

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: _____ Date: 6/6/18

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request: 8260 TCL

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container [ ] H2O	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
604333	B-1, 12.5	S	5/31/18	1030	X			4			1					
604390	B-2, 13.5	S	6/5/18	1100	4						1					

Relinquished by:	Accepted by:	Date:	Time:
		5June2018	1210
			3 30
	FEDEX	6/5/18	16:48

Comments, Special Requirements or Regulations:

* DEC rates provided to PES

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

What State were samples collected?

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

Data Format
☐ Phoenix Std Report
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other _____

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Tuesday, June 12, 2018

Attn: Mr. Steve Phelps
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Project ID: RKO CLEANERS
Sample ID#s: CA64332

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

June 12, 2018

SDG I.D.: GCA64332

CA64332 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 12, 2018

FOR: Attn: Mr. Steve Phelps
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/31/18	10:30
Location Code:	PRECISIN	Received by:	LB	06/05/18	16:48
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCA64332
Phoenix ID: CA64332

Project ID: RKO CLEANERS
Client ID: DISPOSAL 6-12

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
TCLP Silver	< 0.10	0.10	mg/L	1	06/07/18	MA	SW6010C	
TCLP Arsenic	< 0.10	0.10	mg/L	1	06/07/18	MA	SW6010C	
TCLP Barium	0.80	0.10	mg/L	1	06/07/18	MA	SW6010C	
TCLP Cadmium	< 0.050	0.050	mg/L	1	06/07/18	MA	SW6010C	
TCLP Chromium	< 0.10	0.10	mg/L	1	06/07/18	MA	SW6010C	
TCLP Mercury	< 0.0002	0.0002	mg/L	1	06/08/18	RS	SW7470A	
TCLP Lead	< 0.10	0.10	mg/L	1	06/07/18	MA	SW6010C	
TCLP Selenium	< 0.10	0.10	mg/L	1	06/07/18	MA	SW6010C	
TCLP Metals Digestion	Completed				06/07/18	I/Q/I	SW3010A	
Percent Solid	80		%		06/05/18	Q	SW846-%Solid	
Flash Point	>200	200	Degree F	1	06/07/18	Y	SW1010A	
Ignitability	Passed	140	degree F	1	06/07/18	Y	SW846-Ignit	1
Soil Extraction for PCB	Completed				06/06/18	BA/V	SW3545A	
Paint Filter Test	Passed		PASS/FAIL		06/06/18	B	SW9095B	
TCLP Digestion Mercury	Completed				06/07/18	Q/I/I	SW7470A	
TCLP Herbicides Extraction	Completed				06/07/18	VS/IG/D	SW8150 MOD	
TCLP Extraction for Metals	Completed				06/06/18	IQ	SW1311	
TCLP Extraction for Organics	Completed				06/06/18	IQ	SW1311	
TCLP Pesticides Extraction	Completed				06/07/18	T/N	SW3510C	
TCLP Semi-Volatile Extraction	Completed				06/07/18		SW3510C	
TCLP Extraction Volatiles	Completed				06/06/18	Y	SW1311	
Polychlorinated Biphenyls								
PCB-1016	ND	410	ug/Kg	10	06/07/18	AW	SW8082A	
PCB-1221	ND	410	ug/Kg	10	06/07/18	AW	SW8082A	
PCB-1232	ND	410	ug/Kg	10	06/07/18	AW	SW8082A	
PCB-1242	ND	410	ug/Kg	10	06/07/18	AW	SW8082A	
PCB-1248	ND	410	ug/Kg	10	06/07/18	AW	SW8082A	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
PCB-1254	ND	410	ug/Kg	10	06/07/18	AW	SW8082A	
PCB-1260	ND	410	ug/Kg	10	06/07/18	AW	SW8082A	
PCB-1262	ND	410	ug/Kg	10	06/07/18	AW	SW8082A	
PCB-1268	ND	410	ug/Kg	10	06/07/18	AW	SW8082A	
QA/QC Surrogates								
% DCBP	88		%	10	06/07/18	AW	30 - 150 %	
% TCMX	80		%	10	06/07/18	AW	30 - 150 %	
TCLP Herbicides								
2,4,5-TP (Silvex)	ND	8.3	ug/L	10	06/08/18	CW	SW8151A	
2,4-D	ND	17	ug/L	10	06/08/18	CW	SW8151A	
QA/QC Surrogates								
% DCAA	55		%	10	06/08/18	CW	30 - 150 %	
TCLP Pesticides								
4,4' -DDD	ND	1.0	ug/L	10	06/08/18	CW	SW8081B	
4,4' -DDE	ND	1.0	ug/L	10	06/08/18	CW	SW8081B	
4,4' -DDT	ND	1.0	ug/L	10	06/08/18	CW	SW8081B	
a-BHC	ND	0.50	ug/L	10	06/08/18	CW	SW8081B	
Alachlor	ND	0.50	ug/L	10	06/08/18	CW	SW8081B	1
Aldrin	ND	0.50	ug/L	10	06/08/18	CW	SW8081B	
b-BHC	ND	0.50	ug/L	10	06/08/18	CW	SW8081B	
Chlordane	ND	5.0	ug/L	10	06/08/18	CW	SW8081B	
d-BHC	ND	0.50	ug/L	10	06/08/18	CW	SW8081B	
Dieldrin	ND	1.0	ug/L	10	06/08/18	CW	SW8081B	
Endosulfan I	ND	0.50	ug/L	10	06/08/18	CW	SW8081B	
Endosulfan II	ND	1.0	ug/L	10	06/08/18	CW	SW8081B	
Endosulfan Sulfate	ND	1.0	ug/L	10	06/08/18	CW	SW8081B	
Endrin	ND	1.0	ug/L	10	06/08/18	CW	SW8081B	
Endrin Aldehyde	ND	1.0	ug/L	10	06/08/18	CW	SW8081B	
g-BHC (Lindane)	ND	0.50	ug/L	10	06/08/18	CW	SW8081B	
Heptachlor	ND	0.50	ug/L	10	06/08/18	CW	SW8081B	
Heptachlor epoxide	ND	0.50	ug/L	10	06/08/18	CW	SW8081B	
Methoxychlor	ND	0.50	ug/L	10	06/08/18	CW	SW8081B	
Toxaphene	ND	20	ug/L	10	06/08/18	CW	SW8081B	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	68		%	10	06/08/18	CW	30 - 150 %	
%TCMX (Surrogate Rec)	75		%	10	06/08/18	CW	30 - 150 %	
Volatiles (TCL)								
1,1,1-Trichloroethane	ND	L 6.3	ug/kg	1	06/06/18	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	L 370	ug/kg	50	06/06/18	JLI	SW8260C	
1,1,2-Trichloroethane	ND	L 6.3	ug/kg	1	06/06/18	JLI	SW8260C	
1,1-Dichloroethane	ND	L 6.3	ug/kg	1	06/06/18	JLI	SW8260C	
1,1-Dichloroethene	ND	L 6.3	ug/kg	1	06/06/18	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	L 370	ug/kg	50	06/06/18	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	L 370	ug/kg	50	06/06/18	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	L 370	ug/kg	50	06/06/18	JLI	SW8260C	
1,2-Dibromoethane	ND	L 6.3	ug/kg	1	06/06/18	JLI	SW8260C	
1,2-Dichlorobenzene	ND	L 370	ug/kg	50	06/06/18	JLI	SW8260C	

Project ID: RKO CLEANERS
Client ID: DISPOSAL 6-12

Phoenix I.D.: CA64332

Parameter	Result		RL/ PQL	Units	Dilution	Date/Time	By	Reference	
1,2-Dichloroethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
1,2-Dichloropropane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
1,3-Dichlorobenzene	ND	L	370	ug/kg	50	06/06/18	JLI	SW8260C	
1,4-Dichlorobenzene	ND	L	370	ug/kg	50	06/06/18	JLI	SW8260C	
2-Hexanone	ND	L	31	ug/kg	1	06/06/18	JLI	SW8260C	
4-Methyl-2-pentanone	ND	L	31	ug/kg	1	06/06/18	JLI	SW8260C	
Acetone	ND	L	63	ug/kg	1	06/06/18	JLI	SW8260C	
Benzene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Bromochloromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Bromodichloromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Bromoform	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Bromomethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Carbon Disulfide	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Carbon tetrachloride	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Chlorobenzene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Chloroethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Chloroform	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Chloromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
cis-1,2-Dichloroethene	43	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
cis-1,3-Dichloropropene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Cyclohexane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Dibromochloromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Dichlorodifluoromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Ethylbenzene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Isopropylbenzene	ND	L	370	ug/kg	50	06/06/18	JLI	SW8260C	
m&p-Xylene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Methyl ethyl ketone	ND	L	38	ug/kg	1	06/06/18	JLI	SW8260C	
Methyl t-butyl ether (MTBE)	ND	L	13	ug/kg	1	06/06/18	JLI	SW8260C	
Methylacetate	ND	L	5.0	ug/kg	1	06/06/18	JLI	SW8260C	
Methylcyclohexane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Methylene chloride	ND	L	31	ug/kg	1	06/06/18	JLI	SW8260C	
o-Xylene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Styrene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Tetrachloroethene	32000	L	1900	ug/kg	250	06/07/18	JLI	SW8260C	
Toluene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Total Xylenes	ND		6.3	ug/kg	1	06/06/18	JLI	SW8260C	
trans-1,2-Dichloroethene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
trans-1,3-Dichloropropene	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Trichloroethene	1700	L	370	ug/kg	50	06/06/18	JLI	SW8260C	
Trichlorofluoromethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Trichlorotrifluoroethane	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
Vinyl chloride	ND	L	6.3	ug/kg	1	06/06/18	JLI	SW8260C	
QA/QC Surrogates									
% 1,2-dichlorobenzene-d4	94			%	50	06/06/18	JLI	70 - 130 %	
% Bromofluorobenzene	92			%	50	06/06/18	JLI	70 - 130 %	
% Dibromofluoromethane	156			%	1	06/06/18	JLI	70 - 130 %	3
% Toluene-d8	118			%	1	06/06/18	JLI	70 - 130 %	

1,4-dioxane

1,4-dioxane	ND	L	94	ug/kg	1	06/06/18	JLI	SW8260C	

Ver 1

Project ID: RKO CLEANERS
Client ID: DISPOSAL 6-12

Phoenix I.D.: CA64332

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
TCLP Volatiles							
1,1-Dichloroethene	ND	50	ug/L	10	06/07/18	HM	SW8260C
1,2-Dichloroethane	ND	50	ug/L	10	06/07/18	HM	SW8260C
Benzene	ND	50	ug/L	10	06/07/18	HM	SW8260C
Carbon tetrachloride	ND	50	ug/L	10	06/07/18	HM	SW8260C
Chlorobenzene	ND	50	ug/L	10	06/07/18	HM	SW8260C
Chloroform	ND	50	ug/L	10	06/07/18	HM	SW8260C
Methyl ethyl ketone	ND	50	ug/L	10	06/07/18	HM	SW8260C
Tetrachloroethene	910	50	ug/L	10	06/07/18	HM	SW8260C
Trichloroethene	55	50	ug/L	10	06/07/18	HM	SW8260C
Vinyl chloride	ND	50	ug/L	10	06/07/18	HM	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	10	06/07/18	HM	70 - 130 %
% Bromofluorobenzene	96		%	10	06/07/18	HM	70 - 130 %
% Dibromofluoromethane	99		%	10	06/07/18	HM	70 - 130 %
% Toluene-d8	100		%	10	06/07/18	HM	70 - 130 %
TCLP Acid/Base-Neutral							
1,4-Dichlorobenzene	ND	83	ug/L	1	06/08/18	DD	SW8270D
2,4,5-Trichlorophenol	ND	83	ug/L	1	06/08/18	DD	SW8270D
2,4,6-Trichlorophenol	ND	83	ug/L	1	06/08/18	DD	SW8270D
2,4-Dinitrotoluene	ND	83	ug/L	1	06/08/18	DD	SW8270D
2-Methylphenol (o-cresol)	ND	83	ug/L	1	06/08/18	DD	SW8270D
3&4-Methylphenol (m&p-Cresol)	ND	83	ug/L	1	06/08/18	DD	SW8270D
Hexachlorobenzene	ND	83	ug/L	1	06/08/18	DD	SW8270D
Hexachlorobutadiene	ND	83	ug/L	1	06/08/18	DD	SW8270D
Hexachloroethane	ND	83	ug/L	1	06/08/18	DD	SW8270D
Nitrobenzene	ND	83	ug/L	1	06/08/18	DD	SW8270D
Pentachlorophenol	ND	83	ug/L	1	06/08/18	DD	SW8270D
Pyridine	ND	83	ug/L	1	06/08/18	DD	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	91		%	1	06/08/18	DD	15 - 110 %
% 2-Fluorobiphenyl	61		%	1	06/08/18	DD	30 - 130 %
% 2-Fluorophenol	58		%	1	06/08/18	DD	15 - 110 %
% Nitrobenzene-d5	74		%	1	06/08/18	DD	30 - 130 %
% Phenol-d5	57		%	1	06/08/18	DD	15 - 110 %
% Terphenyl-d14	86		%	1	06/08/18	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

This sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

Volatile comment:
**Poor surrogate recovery was observed for volatiles due to matrix interference.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

Volatile Comment:
There was a suppression of the last internal standard in the low level analysis, all affected compounds are reported from the methanol preserved high level analysis which did not exhibit this interference.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services.
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Phyllis Shiller, Laboratory Director
June 12, 2018
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 12, 2018

QA/QC Data

SDG I.D.: GCA64332

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 433508 (mg/L), QC Sample No: CA64677 (CA64332)													
ICP Metals - TCLP Extraction													
Arsenic	BRL	0.01	<0.01	<0.01	NC	108			110			75 - 125	20
Barium	BRL	0.01	0.38	0.36	5.40	95.1			96.9			75 - 125	20
Cadmium	BRL	0.005	0.006	0.006	NC	100			102			75 - 125	20
Chromium	BRL	0.010	<0.010	<0.010	NC	99.8			102			75 - 125	20
Lead	BRL	0.010	0.109	0.104	4.70	97.5			100			75 - 125	20
Selenium	BRL	0.01	<0.01	<0.01	NC	111			114			75 - 125	20
Silver	BRL	0.010	<0.010	<0.010	NC	103			105			75 - 125	20
QA/QC Batch 433507 (mg/L), QC Sample No: CA65594 (CA64332)													
Mercury - Water	BRL	0.0002		<0.0002		87.7			84.5			80 - 120	20

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.

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QA/QC Report

June 12, 2018

QA/QC Data

SDG I.D.: GCA64332

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 433573 (Degree F), QC Sample No: CA63064 (CA64332)													
Flash Point			>200	>200	NC	100						75 - 125	30

Comment:

Additional criteria matrix spike acceptance range is 75-125%.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 12, 2018

QA/QC Data

SDG I.D.: GCA64332

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 433559 (ug/kg), QC Sample No: CA63452 (CA64332 (50X))											
Volatiles - Soil											
1,1,2,2-Tetrachloroethane	ND	3.0	97	96	1.0	85	89	4.6	70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	98	100	2.0	94	100	6.2	70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	90	92	2.2	87	91	4.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	100	99	1.0	81	86	6.0	70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	97	99	2.0	92	96	4.3	70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	94	96	2.1	90	92	2.2	70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	97	100	3.0	94	97	3.1	70 - 130	30	
Isopropylbenzene	ND	1.0	98	97	1.0	93	93	0.0	70 - 130	30	
Trichloroethene	ND	5.0	103	104	1.0	101	105	3.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	94	%	102	99	3.0	98	93	5.2	70 - 130	30	
% Bromofluorobenzene	93	%	95	95	0.0	95	98	3.1	70 - 130	30	
Comment:											
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.											
QA/QC Batch 433354 (ug/kg), QC Sample No: CA63968 (CA64332)											
Volatiles - Soil											
1,1,1-Trichloroethane	ND	5.0	85	87	2.3	84	87	3.5	70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	106	105	0.9	99	100	1.0	70 - 130	30	
1,1-Dichloroethane	ND	5.0	97	99	2.0	96	100	4.1	70 - 130	30	
1,1-Dichloroethene	ND	5.0	94	97	3.1	90	93	3.3	70 - 130	30	
1,2-Dibromoethane	ND	5.0	99	97	2.0	92	92	0.0	70 - 130	30	
1,2-Dichloroethane	ND	5.0	94	96	2.1	87	89	2.3	70 - 130	30	
1,2-Dichloropropane	ND	5.0	101	104	2.9	99	102	3.0	70 - 130	30	
1,4-dioxane	ND	100	86	86	0.0	94	95	1.1	70 - 130	30	
2-Hexanone	ND	25	92	89	3.3	77	78	1.3	70 - 130	30	
4-Methyl-2-pentanone	ND	25	97	94	3.1	84	85	1.2	70 - 130	30	
Acetone	ND	10	63	65	3.1	66	62	6.3	70 - 130	30	l,m
Benzene	ND	1.0	103	103	0.0	100	103	3.0	70 - 130	30	
Bromochloromethane	ND	5.0	90	92	2.2	87	90	3.4	70 - 130	30	
Bromodichloromethane	ND	5.0	93	94	1.1	86	88	2.3	70 - 130	30	
Bromoform	ND	5.0	87	85	2.3	74	76	2.7	70 - 130	30	
Bromomethane	ND	5.0	85	86	1.2	79	84	6.1	70 - 130	30	
Carbon Disulfide	ND	5.0	87	88	1.1	85	88	3.5	70 - 130	30	
Carbon tetrachloride	ND	5.0	85	85	0.0	81	83	2.4	70 - 130	30	
Chlorobenzene	ND	5.0	97	97	0.0	94	97	3.1	70 - 130	30	
Chloroethane	ND	5.0	94	96	2.1	45	45	0.0	70 - 130	30	m
Chloroform	ND	5.0	86	88	2.3	87	81	7.1	70 - 130	30	
Chloromethane	ND	5.0	88	90	2.2	106	109	2.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	100	100	0.0	100	102	2.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	103	104	1.0	97	99	2.0	70 - 130	30	
Cyclohexane	ND	5.0	86	89	3.4	91	93	2.2	70 - 130	30	

QA/QC Data

SDG I.D.: GCA64332

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dibromochloromethane	ND	3.0	97	98	1.0	88	89	1.1	70 - 130	30	
Dichlorodifluoromethane	ND	5.0	79	79	0.0	110	112	1.8	70 - 130	30	
Ethylbenzene	ND	1.0	94	95	1.1	93	95	2.1	70 - 130	30	
m&p-Xylene	ND	2.0	91	92	1.1	89	92	3.3	70 - 130	30	
Methyl ethyl ketone	ND	5.0	85	79	7.3	71	76	6.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	86	87	1.2	89	92	3.3	70 - 130	30	
Methylacetate	ND	5.0	91	90	1.1	88	90	2.2	70 - 130	30	
Methylcyclohexane	ND	5.0	89	90	1.1	91	91	0.0	70 - 130	30	
Methylene chloride	ND	5.0	86	90	4.5	87	88	1.1	70 - 130	30	
o-Xylene	ND	2.0	97	99	2.0	94	96	2.1	70 - 130	30	
Styrene	ND	5.0	88	88	0.0	86	88	2.3	70 - 130	30	
Toluene	ND	1.0	102	102	0.0	100	103	3.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	94	95	1.1	95	99	4.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	89	88	1.1	81	82	1.2	70 - 130	30	
Trichlorofluoromethane	ND	5.0	81	82	1.2	21	22	4.7	70 - 130	30	m
Trichlorotrifluoroethane	ND	5.0	90	92	2.2	92	99	7.3	70 - 130	30	
Vinyl chloride	ND	5.0	91	93	2.2	107	111	3.7	70 - 130	30	
% Dibromofluoromethane	101	%	91	94	3.2	96	95	1.0	70 - 130	30	
% Toluene-d8	87	%	103	103	0.0	102	102	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 433647 (ug/L), QC Sample No: CA64332 10X (CA64332)

Pesticides

4,4' -DDD	ND	0.25	84	86	2.4				40 - 140	20	
4,4' -DDE	ND	0.25	82	84	2.4				40 - 140	20	
4,4' -DDT	ND	0.25	88	90	2.2				40 - 140	20	
a-BHC	ND	0.15	85	87	2.3				40 - 140	20	
Alachlor	ND	0.50	NA	NA	NC				40 - 140	20	
Aldrin	ND	0.15	80	83	3.7				40 - 140	20	
b-BHC	ND	0.15	92	95	3.2				40 - 140	20	
Chlordane	ND	5.0	84	87	3.5				40 - 140	20	
d-BHC	ND	0.50	83	86	3.6				40 - 140	20	
Dieldrin	ND	0.15	83	85	2.4				40 - 140	20	
Endosulfan I	ND	0.50	97	101	4.0				40 - 140	20	
Endosulfan II	ND	0.50	94	97	3.1				40 - 140	20	
Endosulfan sulfate	ND	0.50	93	96	3.2				40 - 140	20	
Endrin	ND	0.50	91	91	0.0				40 - 140	20	
Endrin aldehyde	ND	0.50	100	104	3.9				40 - 140	20	
g-BHC	ND	0.15	88	90	2.2				40 - 140	20	
Heptachlor	ND	0.50	79	81	2.5				40 - 140	20	
Heptachlor epoxide	ND	0.50	90	93	3.3				40 - 140	20	
Hexachlorobenzene	ND	0.50	83	84	1.2				40 - 140	20	
Methoxychlor	ND	0.50	86	87	1.2				40 - 140	20	
Toxaphene	ND	20	NA	NA	NC				40 - 140	20	
% DCBP	80	%	79	80	1.3				30 - 150	20	
% TCMX	76	%	84	84	0.0				30 - 150	20	

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Batch 433516 (ug/L), QC Sample No: CA64332 10X (CA64332)

TCLP Herbicides

2,4,5-TP (Silvex)	ND	8.3	62	76	20.3				40 - 140	20	

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
2,4-D	ND	17	63	77	20.0				40 - 140	20
% DCAA	54	%	61	66	7.9				30 - 150	20
QA/QC Batch 433646 (ug/L), QC Sample No: CA64332 (CA64332)										
Semivolatiles - TCLP										
1,4-Dichlorobenzene	ND	17	70	72	2.8				30 - 130	20
2,4,5-Trichlorophenol	ND	17	77	80	3.8				30 - 130	20
2,4,6-Trichlorophenol	ND	17	77	82	6.3				30 - 130	20
2,4-Dinitrotoluene	ND	58	81	82	1.2				30 - 130	20
2-Methylphenol (o-cresol)	ND	17	76	78	2.6				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	17	67	70	4.4				30 - 130	20
Hexachlorobenzene	ND	58	80	86	7.2				30 - 130	20
Hexachlorobutadiene	ND	58	79	77	2.6				30 - 130	20
Hexachloroethane	ND	58	73	71	2.8				30 - 130	20
Nitrobenzene	ND	58	76	79	3.9				30 - 130	20
Pentachlorophenol	ND	58	46	53	14.1				30 - 130	20
Pyridine	ND	83	49	50	2.0				30 - 130	20
% 2,4,6-Tribromophenol	79	%	76	84	10.0				15 - 110	20
% 2-Fluorobiphenyl	84	%	79	83	4.9				30 - 130	20
% 2-Fluorophenol	69	%	57	56	1.8				15 - 110	20
% Nitrobenzene-d5	76	%	77	80	3.8				30 - 130	20
% Phenol-d5	60	%	51	52	1.9				15 - 110	20
% Terphenyl-d14	82	%	77	77	0.0				30 - 130	20
Comment:										
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.										
Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)										
QA/QC Batch 433572 (ug/kg), QC Sample No: CA64677 (CA64332 (250X))										
Volatiles - Soil										
Tetrachloroethene	ND	5.0	106	108	1.9	100	97	3.0	70 - 130	30
Comment:										
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.										
QA/QC Batch 433401 (ug/Kg), QC Sample No: CA65072 2X (CA64332)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	94	99	5.2	74	82	10.3	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	97	101	4.0	75	84	11.3	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	101	%	114	115	0.9	87	95	8.8	30 - 150	30
% TCMX (Surrogate Rec)	98	%	103	103	0.0	79	89	11.9	30 - 150	30
QA/QC Batch 433754 (ug/L), QC Sample No: CA65594 (CA64332 (10X))										
Volatiles - TCLP										
1,1-Dichloroethene	ND	5.0	99	99	0.0	98	105	6.9	70 - 130	30
1,2-Dichloroethane	ND	0.60	112	111	0.9	109	111	1.8	70 - 130	30
Benzene	ND	0.70	102	99	3.0	105	109	3.7	70 - 130	30
Carbon tetrachloride	ND	5.0	109	109	0.0	111	118	6.1	70 - 130	30

QA/QC Data

SDG I.D.: GCA64332

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Chlorobenzene	ND	1.0	102	101	1.0	102	105	2.9	70 - 130	30
Chloroform	ND	5.0	101	101	0.0	103	107	3.8	70 - 130	30
Methyl ethyl ketone	ND	5.0	105	102	2.9	101	108	6.7	70 - 130	30
Tetrachloroethene	ND	1.0	102	101	1.0	108	113	4.5	70 - 130	30
Trichloroethene	ND	5.0	107	105	1.9	107	111	3.7	70 - 130	30
Vinyl chloride	ND	5.0	102	103	1.0	102	109	6.6	70 - 130	30
% 1,2-dichlorobenzene-d4	96	%	98	97	1.0	98	100	2.0	70 - 130	30
% Bromofluorobenzene	98	%	101	101	0.0	101	102	1.0	70 - 130	30
% Dibromofluoromethane	100	%	104	104	0.0	94	99	5.2	70 - 130	30
% Toluene-d8	99	%	102	103	1.0	102	103	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
June 12, 2018

Tuesday, June 12, 2018

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCA64332 - PRECISIN

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CA64332	$TCLP-VOAR	Tetrachloroethene	EPA / 40 CFR 261.24 / Toxicity Characteristics	910	50	700	700	ug/L

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 12, 2018 SDG I.D.: GCA64332

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOA Narration

CHEM27 06/08/18-1: CA64332

The following Initial Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.082 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: Hexachlorobenzene 0.089 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

VOA Narration

CHEM18 06/05/18-2: CA64332

The following Initial Calibration compounds did not meet RSD% criteria: Acetone 26% (20%), Methyl ethyl ketone 26% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM18 06/06/18-1: CA64332

The following Initial Calibration compounds did not meet RSD% criteria: 1,2,4-Trichlorobenzene 25% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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NY Temperature Narration

June 12, 2018

SDG I.D.: GCA64332

The samples in this delivery group were received at 1.4°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 4 °C Pg 1 of 1

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Fax:
☐ Phone:
☐ Email:

Customer: Precision Envir. Svcs
Address: Ballston Spa NY

Project: RLO Cleanout (NYSDEC)
Report to: Steve Phelps @ PES
Invoice to: Same *

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature

Client Sample Information - Identification

Date: 6/5/18

Analysis Request

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Full TCLP	PCBs	Flashpoint	Sulfide	Diesel Range Organics	8260	Alkalinity	Chloride	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (32) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
604332	Disposal 6-12	S	6/5/18	1300										2	2									

Relinquished by:	Accepted by:	Date:	Time:
		6/5/2018	1210
			2 4
		6/5/18	1648

Comments, Special Requirements or Regulations:

* DEC rates provided to PES

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☑ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

What State were samples collected? NY

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

Data Format
☐ Phoenix Std Report
☐ Excel
☑ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

PHOENIX
Environmental Laboratories, Inc.

Monday, June 18, 2018

Attn: Mr. Steve Phelps
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Project ID: RKO CLEANERS
Sample ID#s: CA69362

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 18, 2018

FOR: Attn: Mr. Steve Phelps
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	JJ	06/08/18	14:00
Location Code:	PRECISIN	Received by:	B	06/12/18	17:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCA69362
Phoenix ID: CA69362

Project ID: RKO CLEANERS
Client ID: GROUNDWATER

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	10	ug/L	20	06/14/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,1-Dichloroethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,1-Dichloroethene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,1-Dichloropropene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,2-Dibromoethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,2-Dichloroethane	ND	12	ug/L	20	06/14/18	MH	SW8260C	
1,2-Dichloropropane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,3-Dichloropropane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
2,2-Dichloropropane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
2-Chlorotoluene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
2-Hexanone	ND	100	ug/L	20	06/14/18	MH	SW8260C	
2-Isopropyltoluene	ND	20	ug/L	20	06/14/18	MH	SW8260C	1
4-Chlorotoluene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	100	ug/L	20	06/14/18	MH	SW8260C	

Ver 1

Project ID: RKO CLEANERS
Client ID: GROUNDWATER

Phoenix I.D.: CA69362

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	500	ug/L	20	06/14/18	MH	SW8260C	
Acrylonitrile	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Benzene	ND	14	ug/L	20	06/14/18	MH	SW8260C	
Bromobenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Bromochloromethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Bromodichloromethane	ND	10	ug/L	20	06/14/18	MH	SW8260C	
Bromoform	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Bromomethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Carbon Disulfide	ND	100	ug/L	20	06/14/18	MH	SW8260C	
Carbon tetrachloride	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Chlorobenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Chloroethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Chloroform	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Chloromethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
cis-1,2-Dichloroethene	65	20	ug/L	20	06/14/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	8.0	ug/L	20	06/14/18	MH	SW8260C	
Dibromochloromethane	ND	10	ug/L	20	06/14/18	MH	SW8260C	
Dibromomethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Dichlorodifluoromethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Ethylbenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Hexachlorobutadiene	ND	8.0	ug/L	20	06/14/18	MH	SW8260C	
Isopropylbenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
m&p-Xylene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Methyl ethyl ketone	ND	100	ug/L	20	06/14/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Methylene chloride	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Naphthalene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
n-Butylbenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
n-Propylbenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
o-Xylene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
p-Isopropyltoluene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
sec-Butylbenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Styrene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
tert-Butylbenzene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Tetrachloroethene	5200	200	ug/L	200	06/15/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	50	ug/L	20	06/14/18	MH	SW8260C	1
Toluene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Total Xylenes	ND	20	ug/L	20	06/14/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	20	ug/L	20	06/14/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	8.0	ug/L	20	06/14/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	100	ug/L	20	06/14/18	MH	SW8260C	
Trichloroethene	32	20	ug/L	20	06/14/18	MH	SW8260C	
Trichlorofluoromethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	20	ug/L	20	06/14/18	MH	SW8260C	
Vinyl chloride	ND	20	ug/L	20	06/14/18	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	89		%	20	06/14/18	MH	70 - 130 %	
% Bromofluorobenzene	87		%	20	06/14/18	MH	70 - 130 %	
% Dibromofluoromethane	88		%	20	06/14/18	MH	70 - 130 %	

Ver 1

Project ID: RKO CLEANERS
Client ID: GROUNDWATER

Phoenix I.D.: CA69362

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	84		%	20	06/14/18	MH	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
Elevated reporting limits for volatiles due to the presence of target and/or non-target compounds.

If there are any questions regarding this data, please call Phoenix Client Services.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director
June 18, 2018
Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 18, 2018

QA/QC Data

SDG I.D.: GCA69362

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 434803 (ug/L), QC Sample No: CA69067 (CA69362 (20X))											
Volatiles - Ground Water											
1,1,1,2-Tetrachloroethane	ND	1.0	97	91	6.4				70 - 130	30	
1,1,1-Trichloroethane	ND	1.0	93	84	10.2				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	0.50	99	93	6.3				70 - 130	30	
1,1,2-Trichloroethane	ND	1.0	91	85	6.8				70 - 130	30	
1,1-Dichloroethane	ND	1.0	91	82	10.4				70 - 130	30	
1,1-Dichloroethene	ND	1.0	92	83	10.3				70 - 130	30	
1,1-Dichloropropene	ND	1.0	94	85	10.1				70 - 130	30	
1,2,3-Trichlorobenzene	ND	1.0	98	94	4.2				70 - 130	30	
1,2,3-Trichloropropane	ND	1.0	89	92	3.3				70 - 130	30	
1,2,4-Trichlorobenzene	ND	1.0	98	92	6.3				70 - 130	30	
1,2,4-Trimethylbenzene	ND	1.0	92	85	7.9				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	1.0	105	94	11.1				70 - 130	30	
1,2-Dibromoethane	ND	1.0	93	89	4.4				70 - 130	30	
1,2-Dichlorobenzene	ND	1.0	93	87	6.7				70 - 130	30	
1,2-Dichloroethane	ND	1.0	91	82	10.4				70 - 130	30	
1,2-Dichloropropane	ND	1.0	91	85	6.8				70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	92	85	7.9				70 - 130	30	
1,3-Dichlorobenzene	ND	1.0	92	86	6.7				70 - 130	30	
1,3-Dichloropropane	ND	1.0	94	87	7.7				70 - 130	30	
1,4-Dichlorobenzene	ND	1.0	92	86	6.7				70 - 130	30	
2,2-Dichloropropane	ND	1.0	97	87	10.9				70 - 130	30	
2-Chlorotoluene	ND	1.0	92	86	6.7				70 - 130	30	
2-Hexanone	ND	5.0	91	85	6.8				70 - 130	30	
2-Isopropyltoluene	ND	1.0	96	87	9.8				70 - 130	30	
4-Chlorotoluene	ND	1.0	92	85	7.9				70 - 130	30	
4-Methyl-2-pentanone	ND	5.0	89	83	7.0				70 - 130	30	
Acetone	ND	5.0	85	66	25.2				70 - 130	30	I
Acrylonitrile	ND	5.0	93	86	7.8				70 - 130	30	
Benzene	ND	0.70	90	82	9.3				70 - 130	30	
Bromobenzene	ND	1.0	94	89	5.5				70 - 130	30	
Bromochloromethane	ND	1.0	91	83	9.2				70 - 130	30	
Bromodichloromethane	ND	0.50	96	89	7.6				70 - 130	30	
Bromoform	ND	1.0	98	92	6.3				70 - 130	30	
Bromomethane	ND	1.0	74	64	14.5				70 - 130	30	I
Carbon Disulfide	ND	1.0	97	87	10.9				70 - 130	30	
Carbon tetrachloride	ND	1.0	94	84	11.2				70 - 130	30	
Chlorobenzene	ND	1.0	92	85	7.9				70 - 130	30	
Chloroethane	ND	1.0	89	82	8.2				70 - 130	30	
Chloroform	ND	1.0	91	83	9.2				70 - 130	30	
Chloromethane	ND	1.0	76	67	12.6				70 - 130	30	I
cis-1,2-Dichloroethene	ND	1.0	90	82	9.3				70 - 130	30	

QA/QC Data

SDG I.D.: GCA69362

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	0.40	91	85	6.8				70 - 130	30	
Dibromochloromethane	ND	0.50	106	97	8.9				70 - 130	30	
Dibromomethane	ND	1.0	91	86	5.6				70 - 130	30	
Dichlorodifluoromethane	ND	1.0	78	69	12.2				70 - 130	30	I
Ethylbenzene	ND	1.0	93	85	9.0				70 - 130	30	
Hexachlorobutadiene	ND	0.40	97	90	7.5				70 - 130	30	
Isopropylbenzene	ND	1.0	93	85	9.0				70 - 130	30	
m&p-Xylene	ND	1.0	90	83	8.1				70 - 130	30	
Methyl ethyl ketone	ND	5.0	89	87	2.3				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	96	87	9.8				70 - 130	30	
Methylene chloride	ND	1.0	81	74	9.0				70 - 130	30	
Naphthalene	ND	1.0	100	97	3.0				70 - 130	30	
n-Butylbenzene	ND	1.0	95	86	9.9				70 - 130	30	
n-Propylbenzene	ND	1.0	94	85	10.1				70 - 130	30	
o-Xylene	ND	1.0	92	85	7.9				70 - 130	30	
p-Isopropyltoluene	ND	1.0	93	85	9.0				70 - 130	30	
sec-Butylbenzene	ND	1.0	95	86	9.9				70 - 130	30	
Styrene	ND	1.0	93	87	6.7				70 - 130	30	
tert-Butylbenzene	ND	1.0	92	84	9.1				70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	89	82	8.2				70 - 130	30	
Toluene	ND	1.0	91	83	9.2				70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	92	83	10.3				70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	91	84	8.0				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	92	85	7.9				70 - 130	30	
Trichloroethene	ND	1.0	90	83	8.1				70 - 130	30	
Trichlorofluoromethane	ND	1.0	86	78	9.8				70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	93	85	9.0				70 - 130	30	
Vinyl chloride	ND	1.0	85	77	9.9				70 - 130	30	
% 1,2-dichlorobenzene-d4	92	%	95	96	1.0				70 - 130	30	
% Bromofluorobenzene	88	%	91	91	0.0				70 - 130	30	
% Dibromofluoromethane	91	%	90	89	1.1				70 - 130	30	
% Toluene-d8	83	%	91	91	0.0				70 - 130	30	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 434964 (ug/L), QC Sample No: CA70023 (CA69362 (200X))

Volatiles - Ground Water

Tetrachloroethene	ND	1.0	107	103	3.8				70 - 130	30	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
June 18, 2018

Monday, June 18, 2018

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCA69362 - PRECISIN

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 18, 2018 SDG I.D.: GCA69362

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM17 06/14/18-1: CA69362

The following Initial Calibration compounds did not meet RSD% criteria: Methylene chloride 22% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.041 (0.05), 2-Hexanone 0.081 (0.1), Acetone 0.041 (0.1), Methyl ethyl ketone 0.065 (0.1), Tetrahydrofuran (THF) 0.041 (0.05)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.041 (0.05), Tetrahydrofuran (THF) 0.037 (0.05)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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NY Temperature Narration

June 18, 2018

SDG I.D.: GCA69362

The samples in this delivery group were received at 1.3°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

NY/NJ CHAIN OF CUSTODY RECORD

Temp 1.3 °C Pg 1 of 1

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
[ ] Fax:
[ ] Phone:
[ ] Email:

Customer: Precision Environmental Svcs
Address: 2 Int 67 Unit 38-A
Ballston Spa, NY
Project: RKO Cleaners
Report to: Steve Phelps @ PES
Invoice to: Same at Disc rules*
Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] for JT Date: 6/12/18

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request: 8260

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container [ ] methanol [ ] H2O	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
693602	Groundwater a	GW	6/8/18	1400	X					3							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	6/12/18	1400
[signature]	[signature]	6/12/18	305
[signature]	Krystal B	6/12/18	17:00

Comments, Special Requirements or Regulations:

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[X] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

What State were samples collected? NY

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[ ] 375SCO Unrestricted Soil
[ ] 375SCO Residential Soil
[ ] 375SCO Residential
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

Data Format
[ ] Phoenix Std Report
[ ] Excel
[X] PDF
[ ] GIS/Key
[X] EQuIS
[ ] NJ Hazsite EDD
[ ] NY EZ EDD (ASP)
[ ] Other

Data Package
[ ] NJ Reduced Deliv. *
[ ] NY Enhanced (ASP B) *
[ ] Other

PHOENIX
Environmental Laboratories, Inc.

Tuesday, July 17, 2018

Attn: Steve Phelps
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Project ID: FORMER RKO DRY CLEANERS
Sample ID#s: CA91107

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

July 17, 2018

FOR: Attn: Steve Phelps
Precision Env. Services, Inc.
831 Route 67 Lot 38A
Ballston Spa, NY 12020

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		07/13/18	13:30
Location Code:	PRECISIN	Received by:	SW	07/16/18	17:10
Rush Request:	24 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCA91107
Phoenix ID: CA91107

Project ID: FORMER RKO DRY CLEANERS
Client ID: EFFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,1,1-Trichloroethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	07/16/18	MH	SW8260C	
1,1,2-Trichloroethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,1-Dichloroethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,1-Dichloroethene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,1-Dichloropropene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,2,3-Trichloropropane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,2-Dibromoethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,2-Dichlorobenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,2-Dichloroethane	ND	0.60	ug/L	1	07/16/18	MH	SW8260C	
1,2-Dichloropropane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,3-Dichlorobenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,3-Dichloropropane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
1,4-Dichlorobenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
2,2-Dichloropropane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
2-Chlorotoluene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
2-Hexanone	ND	5.0	ug/L	1	07/16/18	MH	SW8260C	
2-Isopropyltoluene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	1
4-Chlorotoluene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	07/16/18	MH	SW8260C	

Project ID: FORMER RKO DRY CLEANERS
Client ID: EFFLUENT

Phoenix I.D.: CA91107

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Acetone	ND	25	ug/L	1	07/16/18	MH	SW8260C	
Acrylonitrile	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Benzene	ND	0.70	ug/L	1	07/16/18	MH	SW8260C	
Bromobenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Bromochloromethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Bromodichloromethane	ND	0.50	ug/L	1	07/16/18	MH	SW8260C	
Bromoform	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Bromomethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Carbon Disulfide	ND	5.0	ug/L	1	07/16/18	MH	SW8260C	
Carbon tetrachloride	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Chlorobenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Chloroethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Chloroform	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Chloromethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	07/16/18	MH	SW8260C	
Dibromochloromethane	ND	0.50	ug/L	1	07/16/18	MH	SW8260C	
Dibromomethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Dichlorodifluoromethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Ethylbenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Hexachlorobutadiene	ND	0.40	ug/L	1	07/16/18	MH	SW8260C	
Isopropylbenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
m&p-Xylene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Methyl ethyl ketone	ND	5.0	ug/L	1	07/16/18	MH	SW8260C	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Methylene chloride	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Naphthalene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
n-Butylbenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
n-Propylbenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
o-Xylene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
p-Isopropyltoluene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
sec-Butylbenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Styrene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
tert-Butylbenzene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Tetrachloroethene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	07/16/18	MH	SW8260C	1
Toluene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Total Xylenes	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	07/16/18	MH	SW8260C	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	07/16/18	MH	SW8260C	
Trichloroethene	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Trichlorofluoromethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
Vinyl chloride	ND	1.0	ug/L	1	07/16/18	MH	SW8260C	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	101		%	1	07/16/18	MH	70 - 130 %	
% Bromofluorobenzene	92		%	1	07/16/18	MH	70 - 130 %	
% Dibromofluoromethane	104		%	1	07/16/18	MH	70 - 130 %	

Ver 1

Project ID: FORMER RKO DRY CLEANERS
Client ID: EFFLUENT

Phoenix I.D.: CA91107

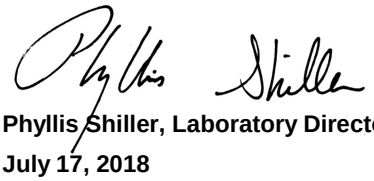
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	99		%	1	07/16/18	MH	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If there are any questions regarding this data, please call Phoenix Client Services.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

July 17, 2018

Reviewed and Released by: Bobbi Aloisa, Vice President

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

July 17, 2018

QA/QC Data

SDG I.D.: GCA91107

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 439025 (ug/L), QC Sample No: CA90346 (CA91107)										
Volatiles - Ground Water										
1,1,1,2-Tetrachloroethane	ND	1.0	92	97	5.3				70 - 130	30
1,1,1-Trichloroethane	ND	1.0	85	90	5.7				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	93	97	4.2				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	87	92	5.6				70 - 130	30
1,1-Dichloroethane	ND	1.0	84	89	5.8				70 - 130	30
1,1-Dichloroethene	ND	1.0	81	86	6.0				70 - 130	30
1,1-Dichloropropene	ND	1.0	85	91	6.8				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	95	97	2.1				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	91	91	0.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	92	96	4.3				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	90	94	4.3				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	97	101	4.0				70 - 130	30
1,2-Dibromoethane	ND	1.0	89	94	5.5				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	88	93	5.5				70 - 130	30
1,2-Dichloroethane	ND	1.0	86	93	7.8				70 - 130	30
1,2-Dichloropropane	ND	1.0	86	91	5.6				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	89	93	4.4				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	88	93	5.5				70 - 130	30
1,3-Dichloropropane	ND	1.0	87	93	6.7				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	87	92	5.6				70 - 130	30
2,2-Dichloropropane	ND	1.0	90	95	5.4				70 - 130	30
2-Chlorotoluene	ND	1.0	90	94	4.3				70 - 130	30
2-Hexanone	ND	5.0	91	94	3.2				70 - 130	30
2-Isopropyltoluene	ND	1.0	93	97	4.2				70 - 130	30
4-Chlorotoluene	ND	1.0	89	94	5.5				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	92	99	7.3				70 - 130	30
Acetone	ND	5.0	81	88	8.3				70 - 130	30
Acrylonitrile	ND	5.0	90	95	5.4				70 - 130	30
Benzene	ND	0.70	85	91	6.8				70 - 130	30
Bromobenzene	ND	1.0	91	94	3.2				70 - 130	30
Bromochloromethane	ND	1.0	91	93	2.2				70 - 130	30
Bromodichloromethane	ND	0.50	90	96	6.5				70 - 130	30
Bromoform	ND	1.0	95	106	10.9				70 - 130	30
Bromomethane	ND	1.0	86	91	5.6				70 - 130	30
Carbon Disulfide	ND	1.0	83	88	5.8				70 - 130	30
Carbon tetrachloride	ND	1.0	89	94	5.5				70 - 130	30
Chlorobenzene	ND	1.0	85	91	6.8				70 - 130	30
Chloroethane	ND	1.0	76	81	6.4				70 - 130	30
Chloroform	ND	1.0	85	90	5.7				70 - 130	30
Chloromethane	ND	1.0	64	68	6.1				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	87	93	6.7				70 - 130	30

QA/QC Data

SDG I.D.: GCA91107

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	0.40	90	96	6.5				70 - 130	30	
Dibromochloromethane	ND	0.50	97	104	7.0				70 - 130	30	
Dibromomethane	ND	1.0	86	93	7.8				70 - 130	30	
Dichlorodifluoromethane	ND	1.0	52	55	5.6				70 - 130	30	I
Ethylbenzene	ND	1.0	87	93	6.7				70 - 130	30	
Hexachlorobutadiene	ND	0.40	92	96	4.3				70 - 130	30	
Isopropylbenzene	ND	1.0	91	93	2.2				70 - 130	30	
m&p-Xylene	ND	1.0	86	93	7.8				70 - 130	30	
Methyl ethyl ketone	ND	5.0	98	93	5.2				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	90	98	8.5				70 - 130	30	
Methylene chloride	ND	1.0	85	89	4.6				70 - 130	30	
Naphthalene	ND	1.0	98	101	3.0				70 - 130	30	
n-Butylbenzene	ND	1.0	89	94	5.5				70 - 130	30	
n-Propylbenzene	ND	1.0	89	93	4.4				70 - 130	30	
o-Xylene	ND	1.0	87	94	7.7				70 - 130	30	
p-Isopropyltoluene	ND	1.0	89	93	4.4				70 - 130	30	
sec-Butylbenzene	ND	1.0	91	95	4.3				70 - 130	30	
Styrene	ND	1.0	88	95	7.7				70 - 130	30	
tert-Butylbenzene	ND	1.0	89	93	4.4				70 - 130	30	
Tetrachloroethene	ND	1.0	85	93	9.0				70 - 130	30	
Tetrahydrofuran (THF)	ND	2.5	85	91	6.8				70 - 130	30	
Toluene	ND	1.0	86	92	6.7				70 - 130	30	
trans-1,2-Dichloroethene	ND	1.0	86	91	5.6				70 - 130	30	
trans-1,3-Dichloropropene	ND	0.40	89	95	6.5				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	103	109	5.7				70 - 130	30	
Trichloroethene	ND	1.0	86	93	7.8				70 - 130	30	
Trichlorofluoromethane	ND	1.0	70	76	8.2				70 - 130	30	
Trichlorotrifluoroethane	ND	1.0	82	88	7.1				70 - 130	30	
Vinyl chloride	ND	1.0	69	73	5.6				70 - 130	30	I
% 1,2-dichlorobenzene-d4	100	%	101	99	2.0				70 - 130	30	
% Bromofluorobenzene	92	%	97	99	2.0				70 - 130	30	
% Dibromofluoromethane	103	%	102	101	1.0				70 - 130	30	
% Toluene-d8	98	%	100	100	0.0				70 - 130	30	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
July 17, 2018

Tuesday, July 17, 2018

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCA91107 - PRECISIN

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

July 17, 2018 SDG I.D.: GCA91107

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM02 07/16/18-2: CA91107

The following Initial Calibration compounds did not meet RSD% criteria: Bromomethane 24% (20%), trans-1,4-dichloro-2-butene 23% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.033 (0.05), 2-Hexanone 0.088 (0.1), Acetone 0.039 (0.1), Bromoform 0.080 (0.1), Methyl ethyl ketone 0.075 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 1,2-Dibromo-3-chloropropane 0.037 (0.05), Bromoform 0.095 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

July 17, 2018

SDG I.D.: GCA91107

The samples in this delivery group were received at 3.8°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes (No) No
Coolant: IPK ICE No
Temp 2.8 °C Pg of

NY/NJ CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
- Fax: 518-785-4416 (Pes)
- Phone: 518-785-4599
- Email:

Customer: NYS DEC Central office
Address: 625 Broadway, Albany
Precision Env.

Project: Former RKO Dry cleaners
Report to: Pes- Steve Phelps
Invoice to: DEC - Kyle Foster

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 7-13-18

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request: 8260 VOC's

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260 VOC's	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
91107	Effluent sample	GW	7-13-18	13:30	X				3							

Relinquished by:	Accepted by:	Date:	Time:
Relinquished to Phoenix	[signature]	15 July 2018	1900
[signature]	[signature]		3:15
15:30	[signature]	7/16/18	1710

Comments, Special Requirements or Regulations:

Quote # PRO614/18BB

CC: Sphelps@precisionEnvironmentalny.com

Turnaround:
- [X] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [ ] 5 Days
- [ ] 10 Days
- [ ] Other

* SURCHARGE APPLIES
24 Hr TAT

NJ
- [ ] Res. Criteria
- [ ] Non-Res. Criteria
- [ ] Impact to GW Soil Cleanup Criteria
- [ ] Impact to GW soil screen Criteria
- [ ] GW Criteria

What State were samples collected? NY

NY
- [ ] TOGS GW
- [ ] CP-51 SOIL
- [ ] 375SCO Unrestricted Soil
- [ ] 375SCO Residential Soil
- [ ] 375SCO Residential
- [ ] 375SCO Commercial Soil
- [ ] 375SCO Industrial Soil
- [ ] Subpart 5 DW

Data Format
- [ ] Phoenix Std Report
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] NJ Hazsite EDD
- [ ] NY EZ EDD (ASP)
- [ ] Other

Data Package
- [ ] NJ Reduced Deliv. *
- [ ] NY Enhanced (ASP B) *
- [ ] Other

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: 480-141250-1
Client Project/Site: DEC Former RKO Dry Cleaners #401065

For:
Precision Environmental Services Inc.
831 State Route 67
Ste 38
Ballston Spa, New York 12020

Attn: John Robinson

Joseph V. Giacomazza

Authorized for release by:
9/24/2018 11:01:43 AM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

LINKS

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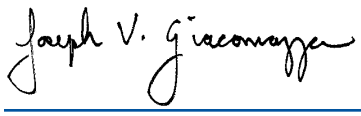
Visit us at: www.testamericainc.com

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.

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 within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
9/24/2018 11:01:43 AM

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Definitions/Glossary

Client: Precision Environmental Services Inc.
Project/Site: DEC Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-141250-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

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.

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)

Case Narrative

Client: Precision Environmental Services Inc.
Project/Site: DEC Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-141250-1

Job ID: 480-141250-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-141250-1

Receipt
The samples were received on 9/6/2018 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.1º C and 0.5º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-6R (480-141250-3), DUPLICATE (480-141250-4), (480-141250-F-3 MS) and (480-141250-F-3 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 SIM ID: The 1,4-Dioxane result reported for samples MW-4 (480-141250-1[MS]) and MW-4 (480-141250-1[MSD]) have an E flag qualifier indicating the results are over the calibration range on the raw data. The actual amounts are within the calibration range; however, the E flag is generated based upon the bias corrected concentration. The LIMS system calculates a bias correction based on the recovery of the 1,4-Dioxane-d8 isotope.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method(s) 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: MW-2 (480-141250-5). The reporting limits (RLs) have been adjusted proportionately.

Method(s) 3535: The following samples: MW-2 (480-141250-5) in preparation batch 320-245599 were observed to contain sediment prior to extraction.

Method(s) 3535: The following sample had non-settleable particulate matter which plugged the SPE extraction disk. The amount of sample remaining plus the weight of the bottle are recorded in the "notes" field of the prep batch. The "tare weight" recorded is the weight of the empty bottle: MW-2 (480-141250-5) in preparation batch 320-245599. The reporting limits (RLs) have been adjusted proportionately.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client: Precision Environmental Services Inc.
Project/Site: DEC Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-141250-1

Client Sample ID: MW-4
Date Collected: 09/05/18 10:20
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/07/18 15:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/18 15:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/18 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/18 15:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/18 15:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/18 15:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/18 15:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/18 15:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/18 15:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/18 15:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/18 15:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/18 15:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/18 15:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/18 15:52	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/18 15:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/18 15:52	1
Acetone	ND		10	3.0	ug/L			09/07/18 15:52	1
Benzene	ND		1.0	0.41	ug/L			09/07/18 15:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/18 15:52	1
Bromoform	ND		1.0	0.26	ug/L			09/07/18 15:52	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/18 15:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/18 15:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/18 15:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/18 15:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/18 15:52	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/18 15:52	1
Chloroform	ND		1.0	0.34	ug/L			09/07/18 15:52	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/18 15:52	1
cis-1,2-Dichloroethene	**66**		1.0	0.81	ug/L			09/07/18 15:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/18 15:52	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/18 15:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/07/18 15:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/18 15:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/18 15:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/18 15:52	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/18 15:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/18 15:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/18 15:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/18 15:52	1
Styrene	ND		1.0	0.73	ug/L			09/07/18 15:52	1
Tetrachloroethene	**1.0**		1.0	0.36	ug/L			09/07/18 15:52	1
Toluene	ND		1.0	0.51	ug/L			09/07/18 15:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/18 15:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/18 15:52	1
Trichloroethene	ND		1.0	0.46	ug/L			09/07/18 15:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/18 15:52	1
Vinyl chloride	**3.6**		1.0	0.90	ug/L			09/07/18 15:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/18 15:52	1

Client Sample ID: MW-4

Date Collected: 09/05/18 10:20
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-1

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*80 - 120*		*09/07/18 15:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*09/07/18 15:52*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*09/07/18 15:52*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*09/07/18 15:52*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.58**		0.20	0.10	ug/L		09/07/18 14:11	09/10/18 17:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*15 - 110*	*09/07/18 14:11*	*09/10/18 17:56*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**2.8**		1.7	0.30	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluoropentanoic acid (PFPeA)	**2.0**		1.7	0.43	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorohexanoic acid (PFHxA)	**1.9**		1.7	0.50	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluoroheptanoic acid (PFHpA)	**1.2**	**J**	1.7	0.22	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorooctanoic acid (PFOA)	**2.1**		1.7	0.74	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.23	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.27	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.96	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.48	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	1.1	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.25	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorobutanesulfonic acid (PFBS)	**0.29**	**J**	1.7	0.17	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorohexanesulfonic acid (PFHxS)	**0.43**	**J B**	1.7	0.15	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.17	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorooctanesulfonic acid (PFOS)	**0.72**	**J**	1.7	0.47	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.28	ng/L		09/14/18 08:46	09/14/18 22:09	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.7	0.30	ng/L		09/14/18 08:46	09/14/18 22:09	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	2.7	ng/L		09/14/18 08:46	09/14/18 22:09	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	1.7	ng/L		09/14/18 08:46	09/14/18 22:09	1
6:2 FTS	**6.4**	**J B**	17	1.7	ng/L		09/14/18 08:46	09/14/18 22:09	1
8:2 FTS	ND		17	1.7	ng/L		09/14/18 08:46	09/14/18 22:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*79*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:09*	*1*
13C5 PFPeA	*100*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:09*	*1*
13C2 PFHxA	*93*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:09*	*1*
13C4-PFHpA	*92*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:09*	*1*
13C4 PFOA	*96*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:09*	*1*
13C5 PFNA	*101*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:09*	*1*
13C2 PFDA	*103*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:09*	*1*
13C2 PFUnA	*99*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:09*	*1*
13C2 PFDoA	*97*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:09*	*1*
13C2-PFTeDA	*96*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:09*	*1*

Client Sample ID: MW-4 — Lab Sample ID: 480-141250-1

Date Collected: 09/05/18 10:20 — **Matrix: Water**
Date Received: 09/06/18 01:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3-PFBS	95		25 - 150	09/14/18 08:46	09/14/18 22:09	1
18O2 PFHxS	90		25 - 150	09/14/18 08:46	09/14/18 22:09	1
13C4 PFOS	91		25 - 150	09/14/18 08:46	09/14/18 22:09	1
13C8 FOSA	95		25 - 150	09/14/18 08:46	09/14/18 22:09	1
d3-NMeFOSAA	88		25 - 150	09/14/18 08:46	09/14/18 22:09	1
d5-NEtFOSAA	97		25 - 150	09/14/18 08:46	09/14/18 22:09	1
M2-6:2FTS	88		25 - 150	09/14/18 08:46	09/14/18 22:09	1
M2-8:2FTS	91		25 - 150	09/14/18 08:46	09/14/18 22:09	1

Client Sample ID: MW-3 — Lab Sample ID: 480-141250-2

Date Collected: 09/05/18 11:05 — **Matrix: Water**
Date Received: 09/06/18 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/07/18 16:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/18 16:18	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/18 16:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/18 16:18	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/18 16:18	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/18 16:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/18 16:18	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/18 16:18	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/18 16:18	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/18 16:18	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/18 16:18	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/18 16:18	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/18 16:18	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/18 16:18	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/18 16:18	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/18 16:18	1
Acetone	ND		10	3.0	ug/L			09/07/18 16:18	1
Benzene	ND		1.0	0.41	ug/L			09/07/18 16:18	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/18 16:18	1
Bromoform	ND		1.0	0.26	ug/L			09/07/18 16:18	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/18 16:18	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/18 16:18	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/18 16:18	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/18 16:18	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/18 16:18	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/18 16:18	1
Chloroform	ND		1.0	0.34	ug/L			09/07/18 16:18	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/18 16:18	1
cis-1,2-Dichloroethene	**15**		1.0	0.81	ug/L			09/07/18 16:18	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/18 16:18	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/18 16:18	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/07/18 16:18	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/18 16:18	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/18 16:18	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/18 16:18	1

Client Sample ID: MW-3
Date Collected: 09/05/18 11:05
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		2.5	1.3	ug/L			09/07/18 16:18	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/18 16:18	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/18 16:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/18 16:18	1
Styrene	ND		1.0	0.73	ug/L			09/07/18 16:18	1
Tetrachloroethene	**81**		1.0	0.36	ug/L			09/07/18 16:18	1
Toluene	ND		1.0	0.51	ug/L			09/07/18 16:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/18 16:18	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/18 16:18	1
Trichloroethene	**18**		1.0	0.46	ug/L			09/07/18 16:18	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/18 16:18	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/07/18 16:18	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/18 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*80 - 120*		*09/07/18 16:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*09/07/18 16:18*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*09/07/18 16:18*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*09/07/18 16:18*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/07/18 14:11	09/10/18 18:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*15 - 110*	*09/07/18 14:11*	*09/10/18 18:43*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**14**		1.7	0.30	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluoropentanoic acid (PFPeA)	**18**		1.7	0.42	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorohexanoic acid (PFHxA)	**18**		1.7	0.50	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluoroheptanoic acid (PFHpA)	**16**		1.7	0.22	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorooctanoic acid (PFOA)	**32**		1.7	0.73	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorononanoic acid (PFNA)	**2.7**		1.7	0.23	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorodecanoic acid (PFDA)	**1.2**	**J**	1.7	0.27	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.95	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.47	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	1.1	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.25	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorobutanesulfonic acid (PFBS)	**5.8**		1.7	0.17	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorohexanesulfonic acid (PFHxS)	**4.4**	**B**	1.7	0.15	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.99**	**J**	1.7	0.16	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorooctanesulfonic acid (PFOS)	**58**		1.7	0.47	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.28	ng/L		09/14/18 08:46	09/14/18 22:29	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.7	0.30	ng/L		09/14/18 08:46	09/14/18 22:29	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	2.7	ng/L		09/14/18 08:46	09/14/18 22:29	1

Client Sample ID: MW-3 — Lab Sample ID: 480-141250-2

Date Collected: 09/05/18 11:05 — **Matrix: Water**
Date Received: 09/06/18 01:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	1.6	ng/L		09/14/18 08:46	09/14/18 22:29	1
6:2 FTS	**2.2**	**J B**	17	1.7	ng/L		09/14/18 08:46	09/14/18 22:29	1
8:2 FTS	ND		17	1.7	ng/L		09/14/18 08:46	09/14/18 22:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*73*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C5 PFPeA	*106*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C2 PFHxA	*108*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C4-PFHpA	*101*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C4 PFOA	*98*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C5 PFNA	*103*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C2 PFDA	*108*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C2 PFUnA	*104*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C2 PFDoA	*105*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C2-PFTeDA	*108*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C3-PFBS	*101*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
18O2 PFHxS	*98*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C4 PFOS	*97*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
13C8 FOSA	*105*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
d3-NMeFOSAA	*99*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
d5-NEtFOSAA	*105*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
M2-6:2FTS	*93*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*
M2-8:2FTS	*105*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:29*	*1*

Client Sample ID: MW-6R — Lab Sample ID: 480-141250-3

Date Collected: 09/05/18 11:35 — **Matrix: Water**
Date Received: 09/06/18 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			09/07/18 16:10	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			09/07/18 16:10	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			09/07/18 16:10	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			09/07/18 16:10	20
1,1-Dichloroethane	ND		20	7.6	ug/L			09/07/18 16:10	20
1,1-Dichloroethene	ND		20	5.8	ug/L			09/07/18 16:10	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			09/07/18 16:10	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			09/07/18 16:10	20
1,2-Dichlorobenzene	ND		20	16	ug/L			09/07/18 16:10	20
1,2-Dichloroethane	ND		20	4.2	ug/L			09/07/18 16:10	20
1,2-Dichloropropane	ND	F1	20	14	ug/L			09/07/18 16:10	20
1,3-Dichlorobenzene	ND		20	16	ug/L			09/07/18 16:10	20
1,4-Dichlorobenzene	ND		20	17	ug/L			09/07/18 16:10	20
2-Butanone (MEK)	ND		200	26	ug/L			09/07/18 16:10	20
2-Hexanone	ND		100	25	ug/L			09/07/18 16:10	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			09/07/18 16:10	20
Acetone	ND		200	60	ug/L			09/07/18 16:10	20
Benzene	ND		20	8.2	ug/L			09/07/18 16:10	20
Bromodichloromethane	ND		20	7.8	ug/L			09/07/18 16:10	20
Bromoform	ND		20	5.2	ug/L			09/07/18 16:10	20

Client: Precision Environmental Services Inc.
Project/Site: DEC Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-141250-1

Client Sample ID: MW-6R
Date Collected: 09/05/18 11:35
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		20	14	ug/L			09/07/18 16:10	20
Carbon disulfide	ND		20	3.8	ug/L			09/07/18 16:10	20
Carbon tetrachloride	ND		20	5.4	ug/L			09/07/18 16:10	20
Chlorobenzene	ND		20	15	ug/L			09/07/18 16:10	20
Dibromochloromethane	ND		20	6.4	ug/L			09/07/18 16:10	20
Chloroethane	ND		20	6.4	ug/L			09/07/18 16:10	20
Chloroform	ND		20	6.8	ug/L			09/07/18 16:10	20
Chloromethane	ND		20	7.0	ug/L			09/07/18 16:10	20
cis-1,2-Dichloroethene	**29**		20	16	ug/L			09/07/18 16:10	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			09/07/18 16:10	20
Cyclohexane	ND		20	3.6	ug/L			09/07/18 16:10	20
Dichlorodifluoromethane	ND		20	14	ug/L			09/07/18 16:10	20
Ethylbenzene	ND		20	15	ug/L			09/07/18 16:10	20
1,2-Dibromoethane	ND		20	15	ug/L			09/07/18 16:10	20
Isopropylbenzene	ND		20	16	ug/L			09/07/18 16:10	20
Methyl acetate	ND		50	26	ug/L			09/07/18 16:10	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			09/07/18 16:10	20
Methylcyclohexane	ND		20	3.2	ug/L			09/07/18 16:10	20
Methylene Chloride	ND		20	8.8	ug/L			09/07/18 16:10	20
Styrene	ND		20	15	ug/L			09/07/18 16:10	20
Tetrachloroethene	**1300**	**F1**	20	7.2	ug/L			09/07/18 16:10	20
Toluene	ND		20	10	ug/L			09/07/18 16:10	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			09/07/18 16:10	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			09/07/18 16:10	20
Trichloroethene	**92**		20	9.2	ug/L			09/07/18 16:10	20
Trichlorofluoromethane	ND		20	18	ug/L			09/07/18 16:10	20
Vinyl chloride	ND		20	18	ug/L			09/07/18 16:10	20
Xylenes, Total	ND		40	13	ug/L			09/07/18 16:10	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/07/18 16:10*	*20*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*09/07/18 16:10*	*20*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*09/07/18 16:10*	*20*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*09/07/18 16:10*	*20*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/07/18 14:11	09/10/18 19:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*15 - 110*	*09/07/18 14:11*	*09/10/18 19:06*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**8.3**		1.8	0.31	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluoropentanoic acid (PFPeA)	**4.9**		1.8	0.43	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorohexanoic acid (PFHxA)	**3.8**		1.8	0.51	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluoroheptanoic acid (PFHpA)	**2.2**		1.8	0.22	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorooctanoic acid (PFOA)	**5.2**		1.8	0.74	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorononanoic acid (PFNA)	**0.54**	**J**	1.8	0.24	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorodecanoic acid (PFDA)	ND		1.8	0.27	ng/L		09/14/18 08:46	09/14/18 22:35	1

Client Sample ID: MW-6R

Date Collected: 09/05/18 11:35
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-3
Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	ND		1.8	0.96	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorododecanoic acid (PFDoA)	ND		1.8	0.48	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.8	1.1	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorotetradecanoic acid (PFTeA)	**0.72**	**J**	1.8	0.25	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorobutanesulfonic acid (PFBS)	**0.73**	**J**	1.8	0.18	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorohexanesulfonic acid (PFHxS)	**0.47**	**J B**	1.8	0.15	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.8	0.17	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorooctanesulfonic acid (PFOS)	**1.7**	**J**	1.8	0.47	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.8	0.28	ng/L		09/14/18 08:46	09/14/18 22:35	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.8	0.31	ng/L		09/14/18 08:46	09/14/18 22:35	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		18	2.7	ng/L		09/14/18 08:46	09/14/18 22:35	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		18	1.7	ng/L		09/14/18 08:46	09/14/18 22:35	1
6:2 FTS	**4.3**	**J B**	18	1.8	ng/L		09/14/18 08:46	09/14/18 22:35	1
8:2 FTS	ND		18	1.8	ng/L		09/14/18 08:46	09/14/18 22:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*69*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C5 PFPeA	*96*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C2 PFHxA	*100*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C4-PFHpA	*99*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C4 PFOA	*98*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C5 PFNA	*100*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C2 PFDA	*100*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C2 PFUnA	*95*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C2 PFDoA	*90*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C2-PFTeDA	*91*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C3-PFBS	*87*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
18O2 PFHxS	*94*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C4 PFOS	*91*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
13C8 FOSA	*94*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
d3-NMeFOSAA	*93*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
d5-NEtFOSAA	*94*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
M2-6:2FTS	*86*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*
M2-8:2FTS	*101*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:35*	*1*

Client Sample ID: DUPLICATE

Date Collected: 09/05/18 11:40
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			09/07/18 16:33	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			09/07/18 16:33	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			09/07/18 16:33	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			09/07/18 16:33	20

Client: Precision Environmental Services Inc.
Project/Site: DEC Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-141250-1

Client Sample ID: DUPLICATE
Date Collected: 09/05/18 11:40
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND		20	7.6	ug/L			09/07/18 16:33	20
1,1-Dichloroethene	ND		20	5.8	ug/L			09/07/18 16:33	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			09/07/18 16:33	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			09/07/18 16:33	20
1,2-Dichlorobenzene	ND		20	16	ug/L			09/07/18 16:33	20
1,2-Dichloroethane	ND		20	4.2	ug/L			09/07/18 16:33	20
1,2-Dichloropropane	ND		20	14	ug/L			09/07/18 16:33	20
1,3-Dichlorobenzene	ND		20	16	ug/L			09/07/18 16:33	20
1,4-Dichlorobenzene	ND		20	17	ug/L			09/07/18 16:33	20
2-Butanone (MEK)	ND		200	26	ug/L			09/07/18 16:33	20
2-Hexanone	ND		100	25	ug/L			09/07/18 16:33	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			09/07/18 16:33	20
Acetone	ND		200	60	ug/L			09/07/18 16:33	20
Benzene	ND		20	8.2	ug/L			09/07/18 16:33	20
Bromodichloromethane	ND		20	7.8	ug/L			09/07/18 16:33	20
Bromoform	ND		20	5.2	ug/L			09/07/18 16:33	20
Bromomethane	ND		20	14	ug/L			09/07/18 16:33	20
Carbon disulfide	ND		20	3.8	ug/L			09/07/18 16:33	20
Carbon tetrachloride	ND		20	5.4	ug/L			09/07/18 16:33	20
Chlorobenzene	ND		20	15	ug/L			09/07/18 16:33	20
Dibromochloromethane	ND		20	6.4	ug/L			09/07/18 16:33	20
Chloroethane	ND		20	6.4	ug/L			09/07/18 16:33	20
Chloroform	ND		20	6.8	ug/L			09/07/18 16:33	20
Chloromethane	ND		20	7.0	ug/L			09/07/18 16:33	20
cis-1,2-Dichloroethene	**29**		20	16	ug/L			09/07/18 16:33	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			09/07/18 16:33	20
Cyclohexane	ND		20	3.6	ug/L			09/07/18 16:33	20
Dichlorodifluoromethane	ND		20	14	ug/L			09/07/18 16:33	20
Ethylbenzene	ND		20	15	ug/L			09/07/18 16:33	20
1,2-Dibromoethane	ND		20	15	ug/L			09/07/18 16:33	20
Isopropylbenzene	ND		20	16	ug/L			09/07/18 16:33	20
Methyl acetate	ND		50	26	ug/L			09/07/18 16:33	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			09/07/18 16:33	20
Methylcyclohexane	ND		20	3.2	ug/L			09/07/18 16:33	20
Methylene Chloride	ND		20	8.8	ug/L			09/07/18 16:33	20
Styrene	ND		20	15	ug/L			09/07/18 16:33	20
Tetrachloroethene	**1200**		20	7.2	ug/L			09/07/18 16:33	20
Toluene	ND		20	10	ug/L			09/07/18 16:33	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			09/07/18 16:33	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			09/07/18 16:33	20
Trichloroethene	**88**		20	9.2	ug/L			09/07/18 16:33	20
Trichlorofluoromethane	ND		20	18	ug/L			09/07/18 16:33	20
Vinyl chloride	ND		20	18	ug/L			09/07/18 16:33	20
Xylenes, Total	ND		40	13	ug/L			09/07/18 16:33	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/07/18 16:33*	*20*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*09/07/18 16:33*	*20*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*09/07/18 16:33*	*20*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*09/07/18 16:33*	*20*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/07/18 14:11	09/10/18 19:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*20*		*15 - 110*	*09/07/18 14:11*	*09/10/18 19:30*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**8.3**		1.7	0.29	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluoropentanoic acid (PFPeA)	**4.9**		1.7	0.41	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorohexanoic acid (PFHxA)	**4.4**		1.7	0.48	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluoroheptanoic acid (PFHpA)	**2.2**		1.7	0.21	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorooctanoic acid (PFOA)	**5.1**		1.7	0.71	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorononanoic acid (PFNA)	**0.43**	**J**	1.7	0.23	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.26	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.92	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.46	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	1.1	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorotetradecanoic acid (PFTeA)	**0.34**	**J**	1.7	0.24	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorobutanesulfonic acid (PFBS)	**0.60**	**J**	1.7	0.17	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorohexanesulfonic acid (PFHxS)	**0.44**	**J B**	1.7	0.14	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.16	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorooctanesulfonic acid (PFOS)	**1.8**		1.7	0.45	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.27	ng/L		09/14/18 08:46	09/14/18 22:42	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.7	0.29	ng/L		09/14/18 08:46	09/14/18 22:42	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	2.6	ng/L		09/14/18 08:46	09/14/18 22:42	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	1.6	ng/L		09/14/18 08:46	09/14/18 22:42	1
6:2 FTS	**4.5**	**J B**	17	1.7	ng/L		09/14/18 08:46	09/14/18 22:42	1
8:2 FTS	ND		17	1.7	ng/L		09/14/18 08:46	09/14/18 22:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*59*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C5 PFPeA	*96*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C2 PFHxA	*96*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C4-PFHpA	*99*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C4 PFOA	*102*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C5 PFNA	*100*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C2 PFDA	*100*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C2 PFUnA	*90*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C2 PFDoA	*90*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C2-PFTeDA	*80*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C3-PFBS	*96*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
18O2 PFHxS	*92*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C4 PFOS	*90*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
13C8 FOSA	*96*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
d3-NMeFOSAA	*87*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
d5-NEtFOSAA	*94*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
M2-6:2FTS	*84*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*
M2-8:2FTS	*91*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:42*	*1*

Client: Precision Environmental Services Inc.
Project/Site: DEC Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-141250-1

Client Sample ID: MW-2
Date Collected: 09/05/18 12:25
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/07/18 16:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/18 16:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/18 16:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/18 16:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/18 16:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/18 16:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/18 16:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/18 16:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/18 16:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/18 16:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/18 16:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/18 16:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/18 16:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/18 16:56	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/18 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/18 16:56	1
Acetone	**3.1**	**J**	10	3.0	ug/L			09/07/18 16:56	1
Benzene	ND		1.0	0.41	ug/L			09/07/18 16:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/18 16:56	1
Bromoform	ND		1.0	0.26	ug/L			09/07/18 16:56	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/18 16:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/18 16:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/18 16:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/18 16:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/18 16:56	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/18 16:56	1
Chloroform	**0.40**	**J**	1.0	0.34	ug/L			09/07/18 16:56	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/18 16:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/07/18 16:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/18 16:56	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/18 16:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/07/18 16:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/18 16:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/18 16:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/18 16:56	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/18 16:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/18 16:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/18 16:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/18 16:56	1
Styrene	ND		1.0	0.73	ug/L			09/07/18 16:56	1
Tetrachloroethene	**15**		1.0	0.36	ug/L			09/07/18 16:56	1
Toluene	ND		1.0	0.51	ug/L			09/07/18 16:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/18 16:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/18 16:56	1
Trichloroethene	ND		1.0	0.46	ug/L			09/07/18 16:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/18 16:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/07/18 16:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/18 16:56	1

Client Sample ID: MW-2

Date Collected: 09/05/18 12:25
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-5

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/07/18 16:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*09/07/18 16:56*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*09/07/18 16:56*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*09/07/18 16:56*	*1*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		2.0	1.0	ug/L		09/07/18 14:11	09/10/18 19:54	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	*21*		*15 - 110*	*09/07/18 14:11*	*09/10/18 19:54*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	**11**		1.7	0.30	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluoropentanoic acid (PFPeA)	**21**		1.7	0.42	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorohexanoic acid (PFHxA)	**16**		1.7	0.50	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluoroheptanoic acid (PFHpA)	**8.6**		1.7	0.22	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorooctanoic acid (PFOA)	**30**		1.7	0.74	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorononanoic acid (PFNA)	**2.8**		1.7	0.23	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorodecanoic acid (PFDA)	**2.7**		1.7	0.27	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.95	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.48	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	1.1	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorotetradecanoic acid (PFTeA)	**0.42**	**J**	1.7	0.25	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorobutanesulfonic acid (PFBS)	**14**		1.7	0.17	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorohexanesulfonic acid (PFHxS)	**4.8**	**B**	1.7	0.15	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluoroheptanesulfonic Acid (PFHpS)	**0.90**	**J**	1.7	0.16	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorooctanesulfonic acid (PFOS)	**73**		1.7	0.47	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.28	ng/L		09/14/18 08:46	09/14/18 22:48	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.7	0.30	ng/L		09/14/18 08:46	09/14/18 22:48	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	2.7	ng/L		09/14/18 08:46	09/14/18 22:48	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	1.6	ng/L		09/14/18 08:46	09/14/18 22:48	1
6:2 FTS	**2.6**	**J B**	17	1.7	ng/L		09/14/18 08:46	09/14/18 22:48	1
8:2 FTS	ND		17	1.7	ng/L		09/14/18 08:46	09/14/18 22:48	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	*50*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:48*	*1*
13C5 PFPeA	*66*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:48*	*1*
13C2 PFHxA	*64*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:48*	*1*
13C4-PFHpA	*61*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:48*	*1*
13C4 PFOA	*65*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:48*	*1*
13C5 PFNA	*66*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:48*	*1*
13C2 PFDA	*60*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:48*	*1*
13C2 PFUnA	*54*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:48*	*1*
13C2 PFDoA	*46*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:48*	*1*
13C2-PFTeDA	*39*		*25 - 150*	*09/14/18 08:46*	*09/14/18 22:48*	*1*

Client Sample ID: MW-2

Lab Sample ID: 480-141250-5
Matrix: Water
Date Collected: 09/05/18 12:25
Date Received: 09/06/18 01:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3-PFBS	60		25 - 150	09/14/18 08:46	09/14/18 22:48	1
18O2 PFHxS	62		25 - 150	09/14/18 08:46	09/14/18 22:48	1
13C4 PFOS	56		25 - 150	09/14/18 08:46	09/14/18 22:48	1
13C8 FOSA	60		25 - 150	09/14/18 08:46	09/14/18 22:48	1
d3-NMeFOSAA	52		25 - 150	09/14/18 08:46	09/14/18 22:48	1
d5-NEtFOSAA	49		25 - 150	09/14/18 08:46	09/14/18 22:48	1
M2-6:2FTS	55		25 - 150	09/14/18 08:46	09/14/18 22:48	1
M2-8:2FTS	61		25 - 150	09/14/18 08:46	09/14/18 22:48	1

Client Sample ID: FIELD BLANK

Lab Sample ID: 480-141250-6
Matrix: Water
Date Collected: 09/05/18 12:20
Date Received: 09/06/18 01:00

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.6	0.27	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluoropentanoic acid (PFPeA)	ND		1.6	0.38	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorohexanoic acid (PFHxA)	ND		1.6	0.45	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluoroheptanoic acid (PFHpA)	ND		1.6	0.19	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorooctanoic acid (PFOA)	ND		1.6	0.66	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorononanoic acid (PFNA)	ND		1.6	0.21	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorodecanoic acid (PFDA)	ND		1.6	0.24	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluoroundecanoic acid (PFUnA)	ND		1.6	0.85	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorododecanoic acid (PFDoA)	ND		1.6	0.43	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.6	1.0	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorotetradecanoic acid (PFTeA)	**0.23**	**J**	1.6	0.23	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.6	0.16	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorohexanesulfonic acid (PFHxS)	**0.24**	**J B**	1.6	0.13	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.6	0.15	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorooctanesulfonic acid (PFOS)	**0.45**	**J**	1.6	0.42	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.6	0.25	ng/L		09/14/18 08:46	09/14/18 22:55	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.6	0.27	ng/L		09/14/18 08:46	09/14/18 22:55	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		16	2.4	ng/L		09/14/18 08:46	09/14/18 22:55	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		16	1.5	ng/L		09/14/18 08:46	09/14/18 22:55	1
6:2 FTS	**3.2**	**J B**	16	1.6	ng/L		09/14/18 08:46	09/14/18 22:55	1
8:2 FTS	ND		16	1.6	ng/L		09/14/18 08:46	09/14/18 22:55	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	94		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C5 PFPeA	93		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C2 PFHxA	94		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C4-PFHpA	99		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C4 PFOA	99		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C5 PFNA	102		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C2 PFDA	100		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C2 PFUnA	101		25 - 150	09/14/18 08:46	09/14/18 22:55	1

Client Sample ID: FIELD BLANK — Lab Sample ID: 480-141250-6

Date Collected: 09/05/18 12:20 — **Matrix: Water**
Date Received: 09/06/18 01:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDoA	94		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C2-PFTeDA	95		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C3-PFBS	89		25 - 150	09/14/18 08:46	09/14/18 22:55	1
18O2 PFHxS	96		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C4 PFOS	87		25 - 150	09/14/18 08:46	09/14/18 22:55	1
13C8 FOSA	95		25 - 150	09/14/18 08:46	09/14/18 22:55	1
d3-NMeFOSAA	96		25 - 150	09/14/18 08:46	09/14/18 22:55	1
d5-NEtFOSAA	96		25 - 150	09/14/18 08:46	09/14/18 22:55	1
M2-6:2FTS	89		25 - 150	09/14/18 08:46	09/14/18 22:55	1
M2-8:2FTS	94		25 - 150	09/14/18 08:46	09/14/18 22:55	1

Client Sample ID: EQUIP BLANK — Lab Sample ID: 480-141250-7

Date Collected: 09/05/18 10:47 — **Matrix: Water**
Date Received: 09/06/18 01:00

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	ND		1.7	0.29	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluoropentanoic acid (PFPeA)	ND		1.7	0.41	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorohexanoic acid (PFHxA)	ND		1.7	0.49	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluoroheptanoic acid (PFHpA)	ND		1.7	0.21	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorooctanoic acid (PFOA)	ND		1.7	0.71	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorononanoic acid (PFNA)	ND		1.7	0.23	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorodecanoic acid (PFDA)	ND		1.7	0.26	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluoroundecanoic acid (PFUnA)	ND		1.7	0.92	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorododecanoic acid (PFDoA)	ND		1.7	0.46	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorotridecanoic Acid (PFTriA)	ND		1.7	1.1	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.7	0.24	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.7	0.17	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorohexanesulfonic acid (PFHxS)	**0.26**	**J B**	1.7	0.14	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.7	0.16	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorooctanesulfonic acid (PFOS)	**1.1**	**J**	1.7	0.45	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.7	0.27	ng/L		09/14/18 08:46	09/14/18 23:08	1
Perfluorooctane Sulfonamide (FOSA)	ND		1.7	0.29	ng/L		09/14/18 08:46	09/14/18 23:08	1
N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND		17	2.6	ng/L		09/14/18 08:46	09/14/18 23:08	1
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND		17	1.6	ng/L		09/14/18 08:46	09/14/18 23:08	1
6:2 FTS	ND		17	1.7	ng/L		09/14/18 08:46	09/14/18 23:08	1
8:2 FTS	ND		17	1.7	ng/L		09/14/18 08:46	09/14/18 23:08	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	98		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C5 PFPeA	101		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C2 PFHxA	97		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C4-PFHpA	102		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C4 PFOA	99		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C5 PFNA	103		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C2 PFDA	99		25 - 150	09/14/18 08:46	09/14/18 23:08	1

Client Sample ID: EQUIP BLANK — Lab Sample ID: 480-141250-7

Date Collected: 09/05/18 10:47 — **Matrix: Water**
Date Received: 09/06/18 01:00

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFUnA	102		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C2 PFDoA	107		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C2-PFTeDA	108		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C3-PFBS	92		25 - 150	09/14/18 08:46	09/14/18 23:08	1
18O2 PFHxS	93		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C4 PFOS	91		25 - 150	09/14/18 08:46	09/14/18 23:08	1
13C8 FOSA	94		25 - 150	09/14/18 08:46	09/14/18 23:08	1
d3-NMeFOSAA	93		25 - 150	09/14/18 08:46	09/14/18 23:08	1
d5-NEtFOSAA	106		25 - 150	09/14/18 08:46	09/14/18 23:08	1
M2-6:2FTS	100		25 - 150	09/14/18 08:46	09/14/18 23:08	1
M2-8:2FTS	102		25 - 150	09/14/18 08:46	09/14/18 23:08	1

Client Sample ID: MW-8 — Lab Sample ID: 480-141250-8

Date Collected: 09/05/18 12:20 — **Matrix: Water**
Date Received: 09/06/18 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/07/18 17:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/18 17:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/18 17:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/18 17:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/18 17:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/18 17:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/18 17:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/18 17:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/18 17:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/18 17:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/18 17:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/18 17:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/18 17:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/18 17:19	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/18 17:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/18 17:19	1
Acetone	ND		10	3.0	ug/L			09/07/18 17:19	1
Benzene	ND		1.0	0.41	ug/L			09/07/18 17:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/18 17:19	1
Bromoform	ND		1.0	0.26	ug/L			09/07/18 17:19	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/18 17:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/18 17:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/18 17:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/18 17:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/18 17:19	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/18 17:19	1
Chloroform	ND		1.0	0.34	ug/L			09/07/18 17:19	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/18 17:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/07/18 17:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/18 17:19	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/18 17:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/07/18 17:19	1

Client Sample ID: MW-8

Date Collected: 09/05/18 12:20
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-8
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/18 17:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/18 17:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/18 17:19	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/18 17:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/18 17:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/18 17:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/18 17:19	1
Styrene	ND		1.0	0.73	ug/L			09/07/18 17:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/07/18 17:19	1
Toluene	ND		1.0	0.51	ug/L			09/07/18 17:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/18 17:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/18 17:19	1
Trichloroethene	ND		1.0	0.46	ug/L			09/07/18 17:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/18 17:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/07/18 17:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/18 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*80 - 120*		*09/07/18 17:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*09/07/18 17:19*	*1*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*		*09/07/18 17:19*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*09/07/18 17:19*	*1*

Client Sample ID: MW-5

Date Collected: 09/05/18 12:40
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-9
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/07/18 17:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/07/18 17:43	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/07/18 17:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/07/18 17:43	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/07/18 17:43	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/07/18 17:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/07/18 17:43	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/07/18 17:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/07/18 17:43	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/07/18 17:43	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/07/18 17:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/07/18 17:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/07/18 17:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/07/18 17:43	1
2-Hexanone	ND		5.0	1.2	ug/L			09/07/18 17:43	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/07/18 17:43	1
Acetone	ND		10	3.0	ug/L			09/07/18 17:43	1
Benzene	ND		1.0	0.41	ug/L			09/07/18 17:43	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/07/18 17:43	1
Bromoform	ND		1.0	0.26	ug/L			09/07/18 17:43	1
Bromomethane	ND		1.0	0.69	ug/L			09/07/18 17:43	1

Client Sample ID: MW-5 **Lab Sample ID: 480-141250-9**
Date Collected: 09/05/18 12:40 **Matrix: Water**
Date Received: 09/06/18 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.0	0.19	ug/L			09/07/18 17:43	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/07/18 17:43	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/07/18 17:43	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/07/18 17:43	1
Chloroethane	ND		1.0	0.32	ug/L			09/07/18 17:43	1
Chloroform	ND		1.0	0.34	ug/L			09/07/18 17:43	1
Chloromethane	ND		1.0	0.35	ug/L			09/07/18 17:43	1
cis-1,2-Dichloroethene	**16**		1.0	0.81	ug/L			09/07/18 17:43	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/07/18 17:43	1
Cyclohexane	ND		1.0	0.18	ug/L			09/07/18 17:43	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/07/18 17:43	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/07/18 17:43	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/07/18 17:43	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/07/18 17:43	1
Methyl acetate	ND		2.5	1.3	ug/L			09/07/18 17:43	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/07/18 17:43	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/07/18 17:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/07/18 17:43	1
Styrene	ND		1.0	0.73	ug/L			09/07/18 17:43	1
Tetrachloroethene	**74**		1.0	0.36	ug/L			09/07/18 17:43	1
Toluene	ND		1.0	0.51	ug/L			09/07/18 17:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/07/18 17:43	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/07/18 17:43	1
Trichloroethene	**14**		1.0	0.46	ug/L			09/07/18 17:43	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/07/18 17:43	1
Vinyl chloride	**13**		1.0	0.90	ug/L			09/07/18 17:43	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/07/18 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*80 - 120*		*09/07/18 17:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*09/07/18 17:43*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*09/07/18 17:43*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*09/07/18 17:43*	*1*

Lab Chronicle

Client: Precision Environmental Services Inc.
Project/Site: DEC Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-141250-1

Client Sample ID: MW-4

Date Collected: 09/05/18 10:20
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	433254	09/07/18 15:52	NMC	TAL BUF
Total/NA	Prep	3510C			433355	09/07/18 14:11	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	433401	09/10/18 17:56	DMR	TAL BUF
Total/NA	Prep	3535			245599	09/14/18 08:46	SK	TAL SAC
Total/NA	Analysis	537 (modified)		1	245803	09/14/18 22:09	S1M	TAL SAC

Client Sample ID: MW-3

Date Collected: 09/05/18 11:05
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	433254	09/07/18 16:18	NMC	TAL BUF
Total/NA	Prep	3510C			433355	09/07/18 14:11	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	433401	09/10/18 18:43	DMR	TAL BUF
Total/NA	Prep	3535			245599	09/14/18 08:46	SK	TAL SAC
Total/NA	Analysis	537 (modified)		1	245803	09/14/18 22:29	S1M	TAL SAC

Client Sample ID: MW-6R

Date Collected: 09/05/18 11:35
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	433236	09/07/18 16:10	NMC	TAL BUF
Total/NA	Prep	3510C			433355	09/07/18 14:11	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	433401	09/10/18 19:06	DMR	TAL BUF
Total/NA	Prep	3535			245599	09/14/18 08:46	SK	TAL SAC
Total/NA	Analysis	537 (modified)		1	245803	09/14/18 22:35	S1M	TAL SAC

Client Sample ID: DUPLICATE

Date Collected: 09/05/18 11:40
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	433236	09/07/18 16:33	NMC	TAL BUF
Total/NA	Prep	3510C			433355	09/07/18 14:11	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	433401	09/10/18 19:30	DMR	TAL BUF
Total/NA	Prep	3535			245599	09/14/18 08:46	SK	TAL SAC
Total/NA	Analysis	537 (modified)		1	245803	09/14/18 22:42	S1M	TAL SAC

Lab Chronicle

Client: Precision Environmental Services Inc.
Project/Site: DEC Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-141250-1

Client Sample ID: MW-2

Date Collected: 09/05/18 12:25
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	433236	09/07/18 16:56	NMC	TAL BUF
Total/NA	Prep	3510C			433355	09/07/18 14:11	ATG	TAL BUF
Total/NA	Analysis	8270D SIM ID		1	433401	09/10/18 19:54	DMR	TAL BUF
Total/NA	Prep	3535			245599	09/14/18 08:46	SK	TAL SAC
Total/NA	Analysis	537 (modified)		1	245803	09/14/18 22:48	S1M	TAL SAC

Client Sample ID: FIELD BLANK

Date Collected: 09/05/18 12:20
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			245599	09/14/18 08:46	SK	TAL SAC
Total/NA	Analysis	537 (modified)		1	245803	09/14/18 22:55	S1M	TAL SAC

Client Sample ID: EQUIP BLANK

Date Collected: 09/05/18 10:47
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			245599	09/14/18 08:46	SK	TAL SAC
Total/NA	Analysis	537 (modified)		1	245803	09/14/18 23:08	S1M	TAL SAC

Client Sample ID: MW-8

Date Collected: 09/05/18 12:20
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	433236	09/07/18 17:19	NMC	TAL BUF

Client Sample ID: MW-5

Date Collected: 09/05/18 12:40
Date Received: 09/06/18 01:00

Lab Sample ID: 480-141250-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	433236	09/07/18 17:43	NMC	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Precision Environmental Services Inc. TestAmerica Job ID: 480-141250-1
Project/Site: DEC Former RKO Dry Cleaners #401065

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	03-31-19

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	03-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
537 (modified)	3535	Water	6:2 FTS
537 (modified)	3535	Water	8:2 FTS
537 (modified)	3535	Water	N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)
537 (modified)	3535	Water	N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)
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: Precision Environmental Services Inc.
Project/Site: DEC Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-141250-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	TAL BUF
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC
5030C	Purge and Trap	SW846	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 SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Precision Environmental Services Inc.
Project/Site: DEC Former RKO Dry Cleaners #401065

TestAmerica Job ID: 480-141250-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-141250-1	MW-4	Water	09/05/18 10:20	09/06/18 01:00
480-141250-2	MW-3	Water	09/05/18 11:05	09/06/18 01:00
480-141250-3	MW-6R	Water	09/05/18 11:35	09/06/18 01:00
480-141250-4	DUPLICATE	Water	09/05/18 11:40	09/06/18 01:00
480-141250-5	MW-2	Water	09/05/18 12:25	09/06/18 01:00
480-141250-6	FIELD BLANK	Water	09/05/18 12:20	09/06/18 01:00
480-141250-7	EQUIP BLANK	Water	09/05/18 10:47	09/06/18 01:00
480-141250-8	MW-8	Water	09/05/18 12:20	09/06/18 01:00
480-141250-9	MW-5	Water	09/05/18 12:40	09/06/18 01:00

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

480-141250 Field Sheet

Job:_____

Tracking # 4300 6537 2720 SO / PO / FO / 2-Day / SAT / Ground / UPS / Courier /

Drop Off / GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Notes: * Cooler 1 of 2 Samples out of temp. Tops of samples X. 7Sept 18

Ice was melted 7Sept 18 Thursday deliverys

Therm. ID: AK-2 / AK-3 / AK-5 / AK-6 / HACCP / Other____ (+0.7°C)

Ice ✓ Wet ✓ Gel _____ Other _____

Cooler Custody Seal: 512476

Sample Custody Seal: —

Cooler ID: 1 of 2

Temp: Observed 8.3°C Corrected 8.3°C

From: Temp Blank ☑ Sample ☐ 7.8°C

NCM Filed: Yes ☐ No ☐

	Yes	No	NA
Perchlorate has headspace?	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
CoC is complete w/o discrepancies?	☑	☐	☐
Samples received within holding time?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Cooler compromised/tampered with?	☐	☑	☐
Samples compromised/tampered with?	☐	☑	☐
Samples w/o discrepancies?	☑	☐	☐
Sample containers have legible labels?	☑	☐	☐
Containers are not broken or leaking?	☑	☐	☐
Sample date/times are provided.	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Multiphasic samples are not present?	☐	☐	☑
Sample temp OK?	☐	☐	☐
Sample out of temp?	☑	☐	☐

Initials: _____ Date: 7Sept 18

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")



ORIGIN ID:SCHA (518) 438-8140
TIM KNOLLMEYER
TESTAMERICA LAB INC
25 KRAFT AVE

ALBANY, NY 12205
UNITED STATES US

SHIP DATE: 05SEP18
ACTWGT: 57.85 LB
CAD: 0439821/CAFE3210
DIMS: 26x15x14 IN

BILL THIRD PARTY

TO SAMPLE RECEIVING
TESTAMERICA-W. SACRAMENTO
880 RIVERSIDE PKWY

WEST SACRAMENTO CA 95605
(916) 373-5600
REF: NY PFC

FedEx Express

1 of 2

TRK# 0201 4300 6537 2720

MASTER

XH BLUA

THU - 06 SEP 10:30A
PRIORITY OVERNIGHT

95605
CA-US SMF

Part # 156148-434 RIT2 04/13

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

512476

Custody Seal

DATE 9-5-18

SIGNATURE

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
512476

Login Sample Receipt Checklist

Client: Precision Environmental Services Inc. Job Number: 480-141250-1

Login Number: 141250 **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 (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	pes
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: Precision Environmental Services Inc.

Job Number: 480-141250-1

Login Number: 141250
List Number: 2
Creator: Nelson, Kym D

List Source: TestAmerica Sacramento
List Creation: 09/10/18 12:40 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	512476
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.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	8.3C
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	

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

480-141250 COC

Client Information	Sampler: John Robinson	Lab PM: Stone, Judy L	COC No: 480-117713-27133.2
Client Contact: John Robinson / STEVE PHELPS	Phone: 518-888-6254	E-Mail: judy.stone@testamericainc.com	Page: Page 2 of 2
Company: Precision Environmental Services Inc.		Analysis Requested	Job #:
Address: 831 State Route 67 Ste 38	Due Date Requested: 9/6		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:
City: Ballston Spa	TAT Requested (days): STANDARD		
State, Zip: NY, 12020			
Phone: 518-885-4391	PO #: Spill #401065		
Email: jrobinson@pesnyinc.com	WO #:		
Project Name: DEC Former RKO Dry Cleaners #401065	Project #: 48018771		
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 (21 Analytes)	8270D_SIM_MS_ID - 1,4-Dioxane	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A		
MW-4	9/5/18	10:20	G	Water		X	X	X	X	15	MS/MSD ! ON PFOA + OTHER
MW-3	9/5/18	11:05	G	Water			X	X	X	7	
MW-6R	9/5/18	11:35	G	Water			X	X	X	7	
DUPLICATE	9/5/18	11:40	G	Water			X	X	X	7	
MW-2	9/5/18	12:25	G	Water			X	X	X	7	
FIELD BLANK	9/5/18	12:20	G	WATER			X			2	
EQUIP BLANK	9/5/18	10:47	G	WATER			X			2	
MW-8	9/5/18	12:20	G	WATER					X	3	
MW-5	9/5/18	12:40	G	WATER					X	3	

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): CAT "B" DELIVERABLES

Special Instructions/QC Requirements: PLEASE CC SPHELPS@PESNYINC.COM

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Jonathan M Robinson	9/5/18 1410	PES	Karl Zacher	9-5-18 1410	TA
Karl Zacher	9-5-18 1700	TA		9-6-18 0100	TA

Custody Seals Intact: △ Yes △ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 0.1, 0.5 #1

Ver: 08/04/2016

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	Sampler: JOHN ROBINSON	Lab PM: Stone, Judy L	Carrier Tracking No(s):	COC No: 480-117713-27133.2
Client Contact: John Robinson / STEVE PHELPS	Phone: 518-885-C254	E-Mail: judy.stone@testamericainc.com		Page: Page 2 of 2
Company: Precision Environmental Services Inc.				Job #:
Address: 831 State Route 67 Ste 38	Due Date Requested: 9/6			
City: Ballston Spa	TAT Requested (days): STANDARD			
State, Zip: NY, 12020				
Phone: 518-885-4391	PO #: Spill #401065			
Email: jrobinson@pesnyinc.com	WO #:			
Project Name: DEC Former RKO Dry Cleaners #401065	Project #: 48018771			
Site:	SSOW#:			

Analysis Requested

480-141250 Chain of Custody

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	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 (21 Analytes)	8270D_SIM_MS_ID - 1,4-Dioxane	8260C - TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A		
MW-4	9/5/18	10:20	G	Water		X	X	X	X	15	MS/MSD! ON PFOA + 8260C
MW-3	9/5/18	11:05	G	Water			X	X	X	7	
MW-6R	9/5/18	11:35	G	Water			X	X	X	7	
DUPLICATE	9/5/18	11:40	G	Water			X	X	X	7	
MW-2	9/5/18	12:25	G	Water			X	X	X	7	
FIELD BLANK	9/5/18	12:20	G	WATER			X			2	
EQUIP BLANK	9/5/18	10:~~47~~	G	WATER			X			2	
MW-8	9/5/18	12:20	G	WATER					X	3	
MW-5	9/5/18	12:40	G	WATER					X	3	

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) CAT "B" DELIVERABLES

Special Instructions/QC Requirements: PLEASE CC SPHELPS@PESNYINC.COM

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Jonathan M Robinson	9/5/18 1410	PES	Karl Zoehler	9-5-18 1410	TA
Karl Zoehler	9-5-18 1700	TA		7 Sept 18 0915	TA Sac

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 512476

Cooler Temperature(s) °C and Other Remarks: 8.3 °C

Ver: 08/04/2016

& see field sheet ⇩ 7 Sept 18

eurofins | Environment Testing TestAmerica



ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-151786-1
Client Project/Site: Former RKO Dry Cleaners #401065

For:
New York State D.E.C.
625 Broadway
12th Floor
Albany, New York 12233-7017

Attn: Kyle Forster

Authorized for release by:
4/22/2019 11:28:13 AM

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

LINKS

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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.

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 within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Judy Stone
Senior Project Manager
4/22/2019 11:28:13 AM

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Definitions/Glossary

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
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	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: 480-151786-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-151786-1

Receipt
The samples were received on 4/12/2019 1:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.2º C.

GC/MS VOA
Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-6R (480-151786-6), MW-6R (480-151786-6[MS]) and MW-6R (480-151786-6[MSD]). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-468888 recovered above the upper control limit for Chloromethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples are impacted: MW-1 (480-151786-1), MW-2 (480-151786-2), MW-3 (480-151786-3), MW-4 (480-151786-4), MW-5 (480-151786-5), MW-6R (480-151786-6) and Trip Blank (480-151786-8).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-468888 recovered outside control limits for the following analyte: Chloromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following samples are impacted:MW-1 (480-151786-1), MW-2 (480-151786-2), MW-3 (480-151786-3), MW-4 (480-151786-4), MW-5 (480-151786-5), MW-6R (480-151786-6) and Trip Blank (480-151786-8).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-468926 recovered above the upper control limit for Chloromethane, 2-Hexanone and 4-Methyl-2-pentanone (MIBK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: MW-8 (480-151786-7).

Method(s) 8260C: The laboratory control sample (LCS) for analytical batch 480-468926 recovered outside control limits for the following analytes: Chloromethane and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The following sample is impacted: MW-8 (480-151786-7).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-1
Lab Sample ID: 480-151786-1
Date Collected: 04/11/19 13:45
Matrix: Water
Date Received: 04/12/19 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/20/19 02:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/20/19 02:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/20/19 02:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/20/19 02:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/20/19 02:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/20/19 02:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/20/19 02:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/20/19 02:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/20/19 02:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/20/19 02:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/20/19 02:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/20/19 02:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/20/19 02:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/20/19 02:00	1
2-Hexanone	ND		5.0	1.2	ug/L			04/20/19 02:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/20/19 02:00	1
Acetone	ND		10	3.0	ug/L			04/20/19 02:00	1
Benzene	ND		1.0	0.41	ug/L			04/20/19 02:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/20/19 02:00	1
Bromoform	ND		1.0	0.26	ug/L			04/20/19 02:00	1
Bromomethane	ND		1.0	0.69	ug/L			04/20/19 02:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/20/19 02:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/20/19 02:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/20/19 02:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/20/19 02:00	1
Chloroethane	ND		1.0	0.32	ug/L			04/20/19 02:00	1
Chloroform	ND		1.0	0.34	ug/L			04/20/19 02:00	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/20/19 02:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/20/19 02:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/20/19 02:00	1
Cyclohexane	ND		1.0	0.18	ug/L			04/20/19 02:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/20/19 02:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/20/19 02:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/20/19 02:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/20/19 02:00	1
Methyl acetate	ND		2.5	1.3	ug/L			04/20/19 02:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/20/19 02:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/20/19 02:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/20/19 02:00	1
Styrene	ND		1.0	0.73	ug/L			04/20/19 02:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/20/19 02:00	1
Toluene	ND		1.0	0.51	ug/L			04/20/19 02:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/20/19 02:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/20/19 02:00	1
Trichloroethene	ND		1.0	0.46	ug/L			04/20/19 02:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/20/19 02:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/20/19 02:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/20/19 02:00	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-1
Lab Sample ID: 480-151786-1
Date Collected: 04/11/19 13:45
Matrix: Water
Date Received: 04/12/19 01:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		80 - 120		04/20/19 02:00	1
1,2-Dichloroethane-d4 (Surr)	114		77 - 120		04/20/19 02:00	1
4-Bromofluorobenzene (Surr)	106		73 - 120		04/20/19 02:00	1
Dibromofluoromethane (Surr)	108		75 - 123		04/20/19 02:00	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-2
Lab Sample ID: 480-151786-2
Date Collected: 04/11/19 13:00
Matrix: Water
Date Received: 04/12/19 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/20/19 02:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/20/19 02:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/20/19 02:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/20/19 02:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/20/19 02:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/20/19 02:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/20/19 02:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/20/19 02:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/20/19 02:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/20/19 02:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/20/19 02:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/20/19 02:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/20/19 02:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/20/19 02:24	1
2-Hexanone	ND		5.0	1.2	ug/L			04/20/19 02:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/20/19 02:24	1
Acetone	ND		10	3.0	ug/L			04/20/19 02:24	1
Benzene	ND		1.0	0.41	ug/L			04/20/19 02:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/20/19 02:24	1
Bromoform	ND		1.0	0.26	ug/L			04/20/19 02:24	1
Bromomethane	ND		1.0	0.69	ug/L			04/20/19 02:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/20/19 02:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/20/19 02:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/20/19 02:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/20/19 02:24	1
Chloroethane	ND		1.0	0.32	ug/L			04/20/19 02:24	1
Chloroform	ND		1.0	0.34	ug/L			04/20/19 02:24	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/20/19 02:24	1
cis-1,2-Dichloroethene	**3.0**		1.0	0.81	ug/L			04/20/19 02:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/20/19 02:24	1
Cyclohexane	ND		1.0	0.18	ug/L			04/20/19 02:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/20/19 02:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/20/19 02:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/20/19 02:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/20/19 02:24	1
Methyl acetate	ND		2.5	1.3	ug/L			04/20/19 02:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/20/19 02:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/20/19 02:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/20/19 02:24	1
Styrene	ND		1.0	0.73	ug/L			04/20/19 02:24	1
Tetrachloroethene	**11**		1.0	0.36	ug/L			04/20/19 02:24	1
Toluene	ND		1.0	0.51	ug/L			04/20/19 02:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/20/19 02:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/20/19 02:24	1
Trichloroethene	ND		1.0	0.46	ug/L			04/20/19 02:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/20/19 02:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/20/19 02:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/20/19 02:24	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-2
Lab Sample ID: 480-151786-2
Date Collected: 04/11/19 13:00
Matrix: Water
Date Received: 04/12/19 01:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		04/20/19 02:24	1
1,2-Dichloroethane-d4 (Surr)	119		77 - 120		04/20/19 02:24	1
4-Bromofluorobenzene (Surr)	106		73 - 120		04/20/19 02:24	1
Dibromofluoromethane (Surr)	115		75 - 123		04/20/19 02:24	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-3
Lab Sample ID: 480-151786-3
Date Collected: 04/11/19 12:10
Matrix: Water
Date Received: 04/12/19 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/20/19 02:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/20/19 02:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/20/19 02:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/20/19 02:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/20/19 02:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/20/19 02:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/20/19 02:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/20/19 02:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/20/19 02:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/20/19 02:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/20/19 02:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/20/19 02:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/20/19 02:48	1
2-Butanone (MEK)	**2.7**	**J**	10	1.3	ug/L			04/20/19 02:48	1
2-Hexanone	ND		5.0	1.2	ug/L			04/20/19 02:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/20/19 02:48	1
Acetone	**9.0**	**J**	10	3.0	ug/L			04/20/19 02:48	1
Benzene	ND		1.0	0.41	ug/L			04/20/19 02:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/20/19 02:48	1
Bromoform	ND		1.0	0.26	ug/L			04/20/19 02:48	1
Bromomethane	ND		1.0	0.69	ug/L			04/20/19 02:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/20/19 02:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/20/19 02:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/20/19 02:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/20/19 02:48	1
Chloroethane	ND		1.0	0.32	ug/L			04/20/19 02:48	1
Chloroform	ND		1.0	0.34	ug/L			04/20/19 02:48	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/20/19 02:48	1
cis-1,2-Dichloroethene	**4.7**		1.0	0.81	ug/L			04/20/19 02:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/20/19 02:48	1
Cyclohexane	ND		1.0	0.18	ug/L			04/20/19 02:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/20/19 02:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/20/19 02:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/20/19 02:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/20/19 02:48	1
Methyl acetate	ND		2.5	1.3	ug/L			04/20/19 02:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/20/19 02:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/20/19 02:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/20/19 02:48	1
Styrene	ND		1.0	0.73	ug/L			04/20/19 02:48	1
Tetrachloroethene	**31**		1.0	0.36	ug/L			04/20/19 02:48	1
Toluene	ND		1.0	0.51	ug/L			04/20/19 02:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/20/19 02:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/20/19 02:48	1
Trichloroethene	**5.6**		1.0	0.46	ug/L			04/20/19 02:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/20/19 02:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/20/19 02:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/20/19 02:48	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-3
Lab Sample ID: 480-151786-3
Date Collected: 04/11/19 12:10
Matrix: Water
Date Received: 04/12/19 01:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		80 - 120		04/20/19 02:48	1
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		04/20/19 02:48	1
4-Bromofluorobenzene (Surr)	103		73 - 120		04/20/19 02:48	1
Dibromofluoromethane (Surr)	109		75 - 123		04/20/19 02:48	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-4
Lab Sample ID: 480-151786-4
Date Collected: 04/11/19 12:30
Matrix: Water
Date Received: 04/12/19 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/20/19 03:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/20/19 03:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/20/19 03:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/20/19 03:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/20/19 03:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/20/19 03:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/20/19 03:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/20/19 03:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/20/19 03:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/20/19 03:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/20/19 03:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/20/19 03:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/20/19 03:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/20/19 03:12	1
2-Hexanone	ND		5.0	1.2	ug/L			04/20/19 03:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/20/19 03:12	1
Acetone	ND		10	3.0	ug/L			04/20/19 03:12	1
Benzene	ND		1.0	0.41	ug/L			04/20/19 03:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/20/19 03:12	1
Bromoform	ND		1.0	0.26	ug/L			04/20/19 03:12	1
Bromomethane	ND		1.0	0.69	ug/L			04/20/19 03:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/20/19 03:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/20/19 03:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/20/19 03:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/20/19 03:12	1
Chloroethane	ND		1.0	0.32	ug/L			04/20/19 03:12	1
Chloroform	ND		1.0	0.34	ug/L			04/20/19 03:12	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/20/19 03:12	1
cis-1,2-Dichloroethene	**45**		1.0	0.81	ug/L			04/20/19 03:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/20/19 03:12	1
Cyclohexane	ND		1.0	0.18	ug/L			04/20/19 03:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/20/19 03:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/20/19 03:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/20/19 03:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/20/19 03:12	1
Methyl acetate	ND		2.5	1.3	ug/L			04/20/19 03:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/20/19 03:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/20/19 03:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/20/19 03:12	1
Styrene	ND		1.0	0.73	ug/L			04/20/19 03:12	1
Tetrachloroethene	**0.57**	**J**	1.0	0.36	ug/L			04/20/19 03:12	1
Toluene	ND		1.0	0.51	ug/L			04/20/19 03:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/20/19 03:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/20/19 03:12	1
Trichloroethene	**0.50**	**J**	1.0	0.46	ug/L			04/20/19 03:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/20/19 03:12	1
Vinyl chloride	**4.0**		1.0	0.90	ug/L			04/20/19 03:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/20/19 03:12	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-4
Lab Sample ID: 480-151786-4
Date Collected: 04/11/19 12:30
Matrix: Water
Date Received: 04/12/19 01:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		04/20/19 03:12	1
1,2-Dichloroethane-d4 (Surr)	115		77 - 120		04/20/19 03:12	1
4-Bromofluorobenzene (Surr)	106		73 - 120		04/20/19 03:12	1
Dibromofluoromethane (Surr)	107		75 - 123		04/20/19 03:12	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-5
Lab Sample ID: 480-151786-5
Date Collected: 04/11/19 13:30
Matrix: Water
Date Received: 04/12/19 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/20/19 03:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/20/19 03:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/20/19 03:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/20/19 03:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/20/19 03:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/20/19 03:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/20/19 03:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/20/19 03:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/20/19 03:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/20/19 03:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/20/19 03:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/20/19 03:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/20/19 03:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/20/19 03:36	1
2-Hexanone	ND		5.0	1.2	ug/L			04/20/19 03:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/20/19 03:36	1
Acetone	ND		10	3.0	ug/L			04/20/19 03:36	1
Benzene	ND		1.0	0.41	ug/L			04/20/19 03:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/20/19 03:36	1
Bromoform	ND		1.0	0.26	ug/L			04/20/19 03:36	1
Bromomethane	ND		1.0	0.69	ug/L			04/20/19 03:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/20/19 03:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/20/19 03:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/20/19 03:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/20/19 03:36	1
Chloroethane	ND		1.0	0.32	ug/L			04/20/19 03:36	1
Chloroform	ND		1.0	0.34	ug/L			04/20/19 03:36	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/20/19 03:36	1
cis-1,2-Dichloroethene	**5.8**		1.0	0.81	ug/L			04/20/19 03:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/20/19 03:36	1
Cyclohexane	ND		1.0	0.18	ug/L			04/20/19 03:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/20/19 03:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/20/19 03:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/20/19 03:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/20/19 03:36	1
Methyl acetate	ND		2.5	1.3	ug/L			04/20/19 03:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/20/19 03:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/20/19 03:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/20/19 03:36	1
Styrene	ND		1.0	0.73	ug/L			04/20/19 03:36	1
Tetrachloroethene	**20**		1.0	0.36	ug/L			04/20/19 03:36	1
Toluene	ND		1.0	0.51	ug/L			04/20/19 03:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/20/19 03:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/20/19 03:36	1
Trichloroethene	**3.6**		1.0	0.46	ug/L			04/20/19 03:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/20/19 03:36	1
Vinyl chloride	**9.0**		1.0	0.90	ug/L			04/20/19 03:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/20/19 03:36	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-5
Lab Sample ID: 480-151786-5
Date Collected: 04/11/19 13:30
Matrix: Water
Date Received: 04/12/19 01:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		80 - 120		04/20/19 03:36	1
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		04/20/19 03:36	1
4-Bromofluorobenzene (Surr)	101		73 - 120		04/20/19 03:36	1
Dibromofluoromethane (Surr)	109		75 - 123		04/20/19 03:36	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-6R
Lab Sample ID: 480-151786-6
Date Collected: 04/11/19 12:45
Matrix: Water
Date Received: 04/12/19 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		20	16	ug/L			04/20/19 04:00	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/20/19 04:00	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			04/20/19 04:00	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			04/20/19 04:00	20
1,1-Dichloroethane	ND		20	7.6	ug/L			04/20/19 04:00	20
1,1-Dichloroethene	ND		20	5.8	ug/L			04/20/19 04:00	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			04/20/19 04:00	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			04/20/19 04:00	20
1,2-Dichlorobenzene	ND		20	16	ug/L			04/20/19 04:00	20
1,2-Dichloroethane	ND	F1	20	4.2	ug/L			04/20/19 04:00	20
1,2-Dichloropropane	ND		20	14	ug/L			04/20/19 04:00	20
1,3-Dichlorobenzene	ND		20	16	ug/L			04/20/19 04:00	20
1,4-Dichlorobenzene	ND		20	17	ug/L			04/20/19 04:00	20
2-Butanone (MEK)	**410**		200	26	ug/L			04/20/19 04:00	20
2-Hexanone	ND		100	25	ug/L			04/20/19 04:00	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			04/20/19 04:00	20
Acetone	**350**		200	60	ug/L			04/20/19 04:00	20
Benzene	ND		20	8.2	ug/L			04/20/19 04:00	20
Bromodichloromethane	ND		20	7.8	ug/L			04/20/19 04:00	20
Bromoform	ND		20	5.2	ug/L			04/20/19 04:00	20
Bromomethane	ND		20	14	ug/L			04/20/19 04:00	20
Carbon disulfide	ND		20	3.8	ug/L			04/20/19 04:00	20
Carbon tetrachloride	ND		20	5.4	ug/L			04/20/19 04:00	20
Chlorobenzene	ND		20	15	ug/L			04/20/19 04:00	20
Dibromochloromethane	ND		20	6.4	ug/L			04/20/19 04:00	20
Chloroethane	ND	F1	20	6.4	ug/L			04/20/19 04:00	20
Chloroform	ND		20	6.8	ug/L			04/20/19 04:00	20
Chloromethane	ND	*	20	7.0	ug/L			04/20/19 04:00	20
cis-1,2-Dichloroethene	**1200**		20	16	ug/L			04/20/19 04:00	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			04/20/19 04:00	20
Cyclohexane	ND		20	3.6	ug/L			04/20/19 04:00	20
Dichlorodifluoromethane	ND		20	14	ug/L			04/20/19 04:00	20
Ethylbenzene	ND		20	15	ug/L			04/20/19 04:00	20
1,2-Dibromoethane	ND		20	15	ug/L			04/20/19 04:00	20
Isopropylbenzene	ND		20	16	ug/L			04/20/19 04:00	20
Methyl acetate	ND		50	26	ug/L			04/20/19 04:00	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			04/20/19 04:00	20
Methylcyclohexane	ND		20	3.2	ug/L			04/20/19 04:00	20
Methylene Chloride	ND		20	8.8	ug/L			04/20/19 04:00	20
Styrene	ND		20	15	ug/L			04/20/19 04:00	20
Tetrachloroethene	**68**		20	7.2	ug/L			04/20/19 04:00	20
Toluene	ND		20	10	ug/L			04/20/19 04:00	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			04/20/19 04:00	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			04/20/19 04:00	20
Trichloroethene	**88**		20	9.2	ug/L			04/20/19 04:00	20
Trichlorofluoromethane	ND		20	18	ug/L			04/20/19 04:00	20
Vinyl chloride	ND		20	18	ug/L			04/20/19 04:00	20
Xylenes, Total	ND		40	13	ug/L			04/20/19 04:00	20

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-6R
Lab Sample ID: 480-151786-6
Date Collected: 04/11/19 12:45
Matrix: Water
Date Received: 04/12/19 01:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		80 - 120		04/20/19 04:00	20
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		04/20/19 04:00	20
4-Bromofluorobenzene (Surr)	101		73 - 120		04/20/19 04:00	20
Dibromofluoromethane (Surr)	108		75 - 123		04/20/19 04:00	20

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-8
Lab Sample ID: 480-151786-7
Date Collected: 04/11/19 13:15
Matrix: Water
Date Received: 04/12/19 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/20/19 13:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/20/19 13:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/20/19 13:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/20/19 13:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/20/19 13:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/20/19 13:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/20/19 13:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/20/19 13:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/20/19 13:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/20/19 13:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/20/19 13:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/20/19 13:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/20/19 13:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/20/19 13:01	1
2-Hexanone	ND		5.0	1.2	ug/L			04/20/19 13:01	1
4-Methyl-2-pentanone (MIBK)	ND	*	5.0	2.1	ug/L			04/20/19 13:01	1
Acetone	ND		10	3.0	ug/L			04/20/19 13:01	1
Benzene	ND		1.0	0.41	ug/L			04/20/19 13:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/20/19 13:01	1
Bromoform	ND		1.0	0.26	ug/L			04/20/19 13:01	1
Bromomethane	ND		1.0	0.69	ug/L			04/20/19 13:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/20/19 13:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/20/19 13:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/20/19 13:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/20/19 13:01	1
Chloroethane	ND		1.0	0.32	ug/L			04/20/19 13:01	1
Chloroform	ND		1.0	0.34	ug/L			04/20/19 13:01	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/20/19 13:01	1
cis-1,2-Dichloroethene	**1.5**		1.0	0.81	ug/L			04/20/19 13:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/20/19 13:01	1
Cyclohexane	ND		1.0	0.18	ug/L			04/20/19 13:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/20/19 13:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/20/19 13:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/20/19 13:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/20/19 13:01	1
Methyl acetate	ND		2.5	1.3	ug/L			04/20/19 13:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/20/19 13:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/20/19 13:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/20/19 13:01	1
Styrene	ND		1.0	0.73	ug/L			04/20/19 13:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/20/19 13:01	1
Toluene	ND		1.0	0.51	ug/L			04/20/19 13:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/20/19 13:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/20/19 13:01	1
Trichloroethene	ND		1.0	0.46	ug/L			04/20/19 13:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/20/19 13:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/20/19 13:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/20/19 13:01	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-8
Lab Sample ID: 480-151786-7
Date Collected: 04/11/19 13:15
Matrix: Water
Date Received: 04/12/19 01:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	89		80 - 120		04/20/19 13:01	1
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		04/20/19 13:01	1
4-Bromofluorobenzene (Surr)	99		73 - 120		04/20/19 13:01	1
Dibromofluoromethane (Surr)	107		75 - 123		04/20/19 13:01	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: Trip Blank
Lab Sample ID: 480-151786-8
Date Collected: 04/11/19 00:00
Matrix: Water
Date Received: 04/12/19 01:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/20/19 04:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/20/19 04:48	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/20/19 04:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/20/19 04:48	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/20/19 04:48	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/20/19 04:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/20/19 04:48	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/20/19 04:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/20/19 04:48	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/20/19 04:48	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/20/19 04:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/20/19 04:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/20/19 04:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/20/19 04:48	1
2-Hexanone	ND		5.0	1.2	ug/L			04/20/19 04:48	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/20/19 04:48	1
Acetone	**5.1**	**J**	10	3.0	ug/L			04/20/19 04:48	1
Benzene	ND		1.0	0.41	ug/L			04/20/19 04:48	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/20/19 04:48	1
Bromoform	ND		1.0	0.26	ug/L			04/20/19 04:48	1
Bromomethane	ND		1.0	0.69	ug/L			04/20/19 04:48	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/20/19 04:48	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/20/19 04:48	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/20/19 04:48	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/20/19 04:48	1
Chloroethane	ND		1.0	0.32	ug/L			04/20/19 04:48	1
Chloroform	ND		1.0	0.34	ug/L			04/20/19 04:48	1
Chloromethane	ND	*	1.0	0.35	ug/L			04/20/19 04:48	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/20/19 04:48	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/20/19 04:48	1
Cyclohexane	ND		1.0	0.18	ug/L			04/20/19 04:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/20/19 04:48	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/20/19 04:48	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/20/19 04:48	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/20/19 04:48	1
Methyl acetate	ND		2.5	1.3	ug/L			04/20/19 04:48	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/20/19 04:48	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/20/19 04:48	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/20/19 04:48	1
Styrene	ND		1.0	0.73	ug/L			04/20/19 04:48	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/20/19 04:48	1
Toluene	**0.66**	**J**	1.0	0.51	ug/L			04/20/19 04:48	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/20/19 04:48	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/20/19 04:48	1
Trichloroethene	ND		1.0	0.46	ug/L			04/20/19 04:48	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/20/19 04:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/20/19 04:48	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/20/19 04:48	1

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: Trip Blank
Lab Sample ID: 480-151786-8
Date Collected: 04/11/19 00:00
Matrix: Water
Date Received: 04/12/19 01:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		80 - 120		04/20/19 04:48	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		04/20/19 04:48	1
4-Bromofluorobenzene (Surr)	100		73 - 120		04/20/19 04:48	1
Dibromofluoromethane (Surr)	102		75 - 123		04/20/19 04:48	1

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: MW-1
Lab Sample ID: 480-151786-1
Date Collected: 04/11/19 13:45
Matrix: Water
Date Received: 04/12/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	468888	04/20/19 02:00	RJF	TAL BUF

Client Sample ID: MW-2
Lab Sample ID: 480-151786-2
Date Collected: 04/11/19 13:00
Matrix: Water
Date Received: 04/12/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	468888	04/20/19 02:24	RJF	TAL BUF

Client Sample ID: MW-3
Lab Sample ID: 480-151786-3
Date Collected: 04/11/19 12:10
Matrix: Water
Date Received: 04/12/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	468888	04/20/19 02:48	RJF	TAL BUF

Client Sample ID: MW-4
Lab Sample ID: 480-151786-4
Date Collected: 04/11/19 12:30
Matrix: Water
Date Received: 04/12/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	468888	04/20/19 03:12	RJF	TAL BUF

Client Sample ID: MW-5
Lab Sample ID: 480-151786-5
Date Collected: 04/11/19 13:30
Matrix: Water
Date Received: 04/12/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	468888	04/20/19 03:36	RJF	TAL BUF

Client Sample ID: MW-6R
Lab Sample ID: 480-151786-6
Date Collected: 04/11/19 12:45
Matrix: Water
Date Received: 04/12/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	468888	04/20/19 04:00	RJF	TAL BUF

Client Sample ID: MW-8
Lab Sample ID: 480-151786-7
Date Collected: 04/11/19 13:15
Matrix: Water
Date Received: 04/12/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	468926	04/20/19 13:01	RJF	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Client Sample ID: Trip Blank
Lab Sample ID: 480-151786-8

Date Collected: 04/11/19 00:00
Matrix: Water

Date Received: 04/12/19 01:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	468888	04/20/19 04:48	RJF	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Laboratory: Eurofins 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	03-31-20

Method Summary

Client: New York State D.E.C.
Project/Site: Former RKO Dry Cleaners #401065

Job ID: 480-151786-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Job ID: 480-151786-1
Project/Site: Former RKO Dry Cleaners #401065

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-151786-1	MW-1	Water	04/11/19 13:45	04/12/19 01:00
480-151786-2	MW-2	Water	04/11/19 13:00	04/12/19 01:00
480-151786-3	MW-3	Water	04/11/19 12:10	04/12/19 01:00
480-151786-4	MW-4	Water	04/11/19 12:30	04/12/19 01:00
480-151786-5	MW-5	Water	04/11/19 13:30	04/12/19 01:00
480-151786-6	MW-6R	Water	04/11/19 12:45	04/12/19 01:00
480-151786-7	MW-8	Water	04/11/19 13:15	04/12/19 01:00
480-151786-8	Trip Blank	Water	04/11/19 00:00	04/12/19 01:00

TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228
Phone: 716.691.2600 Fax: 716.691.7991

Albany #224

Chain of Custody Record 304231

480059O2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: KYLE FORESTER (NOC)	Site Contact:	Date: 4/11/2019	COC No:
Company Name: NYS DEC CENTRAL OFFICE	Tel/Fax: 518-402-8644	Lab Contact: JUDY STONE	Carrier:	1 of 1 COCs
Address: 625 BROADWAY	Analysis Turnaround Time			Sampler:
City/State/Zip: ALBANY NY 12233	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 518-402-8644	TAT if different from Below			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week STANDARD ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: FORMER RITO DRY CLEANERS				Job / SDG No.:
Site: 566 WASHINGTON AVE, ALBANY NY				
PO # SSE# 401065				

480-151786 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260 Full List	Sample Specific Notes:
MW-1	4/11/19	13:45	G	GW	3	N	N	X	PLEASE CC W/ RESULTS
MW-2		13:00	G			N	N	X	-> SPHELPS @ PESNY INC.COM
MW-3		12:10	G			N	N	X	-> JBOTTINGER @ PESNY INC.COM
MW-4		12:30	G			N	N	X	
MW-5		13:30	G			N	N	X	
MW-6R		12:45	G		*9	N	Y	X	
MW-8		13:15	G			N	N	X	
TRIP BLANK	✓	NA	G	✓	✓	N	N	X	

RL 4-11-19

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:

1, 2 #1

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:
Jonathan M Shinn	PES	3:10 4/11/19	Karl Locker	TA	4-11-19 1510
Relinquished by: Karl Locker	Company: TA 4-11-19	Date/Time: 1800	Received by:	Company:	Date/Time: 04/12/19 0100
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-151786-1

Login Number: 151786

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Velickovic, Zoran

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	PES
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	