

Remedial Investigation Report

Fortino Tire Site
West Monroe, Oswego County, New York

New York State Department of Environmental Conservation

ProjectReference: Site No. 738047

February 2026

Prepared for:

New York State Department of Environmental Conservation

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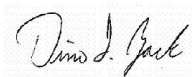
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CERTIFICATION STATEMENT

I, Dino Zack, PG, certify that I am currently a NYS Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and DER Green Remediation (DER-31) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.



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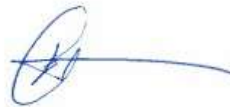
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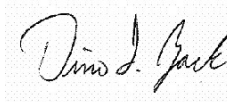
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Revision History

Revision	Revision date	Details	Authorized	Name	Position

Distribution List

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List of Acronyms and Abbreviations

AECOM	AECOM USA, Inc.
Allied	Allied Environmental Services Inc.
amsl	above mean sea level
ASR	automobile shredder residue
bgs	below ground surface
CAMP	Community Air Monitoring Plan
CoC	chain-of-custody
COC	contaminant of concern
3-D	3-dimensional
4,4-DDD	dichlorodiphenyldichloroethane
4,4-DDE	dichlorodiphenyldichloroethylene
4,4-DDT	dichlorodiphenyltrichloroethane
DPT	direct push technology
DER	Division of Environmental Remediation
DO	dissolved oxygen
DOT	Department of Transportation
DUSR	Data Usability Summary Report
DWQC	Drinking Water Quality Council
ESG	Environmental Service Group Inc.
FAP	Field Activities Plan
FWRIA	Fish and Wildlife Resources Impact Analysis
GPS	global positioning system
HASP	Health and Safety Plan
HDPE	high-density polyethylene
HHEA	Human Health Exposure Assessment
HSA	hollow stem auger
ID	inner diameter
IDW	investigation derived wastes
µg/kg	micrograms per kilogram (parts per billion)
Matrix	Matrix Environmental Technologies Inc.
MJ	MJ Engineering and Land Surveying, P.C.
mg/kg	milligrams per kilogram (parts per million)
MS/MSD	matrix spike / matrix spike duplicate
MSW	municipal solid waste
MW	monitoring well
NAPL	non-aqueous phase liquid
NAVD88	North American Vertical Datum of 1988
ng/L	nanogram per liter
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORP	oxidation/reduction potential
Pace	Pace Analytical
PAHs	polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
PFBA	Perfluorobutanoic acid
PFHxS	Perfluorohexanesulfonic acid
PFOA	Perfluorooctanoic acid
PFOS	Perfluorooctanesulfonic acid
PID	photoionization detector
PM	project manager
PVC	polyvinyl chloride
PW	Parratt-Wolff, Inc.

QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RIR	Remedial Investigation Report
SC	Site Characterization
SCGs	standards, criteria and guidance values
SRIR	Supplemental Remedial Investigation Report
SVOCs	semi-volatile organic compounds
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TestAmerica	Eurofins TestAmerica Laboratories, Inc.
TOC	total organic carbon
TOGS	Technical and Operational Guidance Series
TRC	TRC Engineers Inc.
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
VOCs	volatile organic compounds

1. Introduction

This Remedial Investigation Report (RIR) has been prepared to summarize the field activities and analytical results from both the Remedial Investigation (RI) and the Supplemental Remedial Investigation (SRI) field investigation at the Fortino Tire Site (Site) (New York State Department of Environmental Conservation [NYSDEC] Site Number 738047) in West Monroe, New York (**Figure 1-1**). The work assignment issuance/notice to proceed was originally issued to AECOM USA, Inc. (AECOM) as Work Assignment D007626-51 and continued under Work Assignment D009803-15.1.

Documents previously prepared by AECOM for this project include the Field Activities Plan (FAP) (October 2019, October 2022), Quality Assurance Project Plan (QAPP) (October 2019, October 2022), and the Hazardous Waste Operations and Emergency Response Health and Safety Plan (HASP) (October 2019, September 2022). These documents, which were approved by NYSDEC, defined the scope of work, technical approach, and procedures for conducting the RIR.

This RIR presents data and information gathered between October 23, 2019 through November 27, 2019, June 22, 2020 through June 26, 2020, May 17, 2021, May 21, 2021, October 24 and 25, 2022, November 28, 2022 through December 22, 2022, January 3, 2023 through January 13, 2023, April 10, 2023 through April 19, 2023, May 15, 2023 through May 19 2023, July 6, 2023, and February 2, 2024.

1.1 Project Objectives

The RI and SRI were undertaken to determine the nature and extent of contamination at the Site for purposes of identifying and evaluating remedial alternatives.

The objectives of these investigations were to define the horizontal and vertical extent of contamination related to the Fortino Tire Site in surface and subsurface soil, surface water, and overburden groundwater; to evaluate the surface and subsurface characteristics of the Site, including topography and depth to groundwater; to identify the sources of contamination, migration pathways, and actual or potential receptors of contaminants through various media without regard to property boundaries; and to collect and evaluate all data necessary for a fish and wildlife resource impact analysis (FWRIA) and evaluate actual and potential threats to public health and the environment. The results of this investigation, together with data from previous investigations will be used to develop a feasibility study report and support the selection of an appropriate remedial action to address contamination related to the Site.

1.2 Project and Report Organization

This SRIR is structured in accordance with NYSDEC Division of Environmental Remediation (DER)-10 guidance. This report contains nine (9) sections:

- Section 1 provides an overview of the project objectives and report organization.
- Section 2 presents Site background and summarizes previous investigation information.
- Section 3 outlines the scope of work, details the RI and SRI activities, and identifies standards, criteria, and guidance values (SCGs) applicable to the Site.
- Section 4 includes a description of the physical characteristics of the study area including local and regional geology and hydrogeology.
- Section 5 discusses the nature and extent of the contamination at the Site, comparing analytical data from the various medias to applicable SCOs.
- Section 6 presents a conceptual Site model and discusses contaminant fate and transport.
- Section 7 includes the Qualitative Human Health Exposure Assessment (HHEA) and the FWRIA.
- Section 8 includes a summary of the findings and recommendations offered for consideration by NYSDEC.
- Section 9 contains a list of references cited.

Tables, figures, and appendices immediately follow the text.

2. Background

2.1 Site Setting

The Fortino Tire Site is located at the northern end of Pinnacle Road Spur, West Monroe, Oswego County, New York. The Site is accessible via the Pinnacle Road Spur, north of the intersection of Pinnacle and Dump Roads. A gravel entrance and interior roadways are present on the Site. The following land types make up the 77-acre parcel according to the property tax record: Wasteland (7.7 acres), Wetland (34.7 acres), and Residential (34.6 acres). The parcel is located at the eastern boundary of the Town of West Monroe and is bound by private landowners in all directions (refer to Section 2.2 for current site and surrounding land use). **Figure 2-1** is a Site Plan which includes estimated parcel limits obtained from the Oswego County Tax Map (ID: 261.00-03-05). The Site itself is limited to 4.3 acres, encompassing the historic site uses described in Section 2.3. At the time of the field investigation, the Site encompassed a square area approximately 10 acres in size within the approximate center of the 77-acre parcel. On September 6, 2024, NYSDEC modified the Site boundary to only reference the area of waste contained to approximately 4.3 acres.

A Town of Monroe municipal waste landfill is located west adjacent to the Site. NYSDEC and United States Army Corps of Engineers (USACE) regulated wetlands are located partially on and surrounding the Site to the north and east (**Figure 2-1**). Historically, a portion of the Site limited to the roadway had partially flooded due to beaver activity. Threemile Creek is adjacent to the southwest corner of the parcel, and a tributary of Scriba Creek is present on the northernmost and northeastern portion of the parcel. These creeks are classified by NYSDEC as Class C surface water bodies, which are best used for “fishing...suitable for fish, shellfish and wildlife propagation and survival...suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes” (6 CRR-NY 701.8). There are no water bodies located on-Site.

2.2 Current Site Uses

The Site is currently abandoned, undeveloped, and classified on the tax record as “322-Residential Vacant Land Over 10 Acres” by the New York State Office of Real Property Services. Surrounding property/parcel classifications include: “910-Private Wild and Forest Lands except for Private Hunting and Fishing Clubs” to the east; “322-Residential Vacant Land Over 10 Acres” to the north, northwest, and west; and “240-Rural Residence with Acreage” to the south. The last classification is reserved for year-round residential properties with up to three (3) year-round dwelling units situated on the land. There is a single-family home near the property located downgradient of the Site approximately 2,750 feet south.

2.3 Historic Site Uses

The Site was historically utilized as a municipal waste accumulation area and a used tire and automobile shredder residue (ASR) waste accumulation area. In the early 1980s, the Site began receiving ASR from Roth Steel of Syracuse, New York. The ASR waste consisted of shredded automobile interior components. In the mid-1980s, the material was reportedly dumped over an embankment, partially entering wetlands adjacent to the Site to the north. Polychlorinated biphenyls (PCBs) are found in shredder fluff associated with automotive insulation and upholstery, in various sealants, in plastics at low levels (Pylypiw, H.M., 1991), and are known to be present in the ASR waste. Municipal solid waste (MSW) from the Town of West Monroe has also been disposed of on the Site in the area west and immediately adjacent to the ASR waste pile. In 2004, NYSDEC initiated a tire remediation effort in conformance with the New York State Waste Tire Management and Recycling Act of 2003. Between 2004 and 2009, approximately 11 to 12 million tires were processed into New York State Department of Transportation Geotechnical Control Procedure 19 (GCP-19)-compliant tire shred material and removed from the Site.

The Site currently contains a large mound of ASR waste and soil that rises in elevation from approximately 480 feet North American Vertical Datum of 1988 (NAVD88) adjacent to the wetland area to the northeast, to a peak of approximately 499.7 feet (NAVD88) at the location of monitoring well (MW) FT-MW-106. The ASR waste is generally exposed at the surface with no evidence of a soil cover. Based on the results presented in the Field Sampling Report (MJ Engineering and Land Surveying, P.C., July 2015) (Section 2.4.3 below), the ASR waste volume is estimated at approximately 55,000 cubic yards. Waste tires and metal components are present within the ASR waste; however, the quantities of tires and metal within the waste pile are unknown.

2.4 Previous Investigation Work Plans and Reports

The following documents were used to provide a comprehensive Site history and are the primary sources used to prepare this Site background section and for siting sample locations for the RI and SRI.

2.4.1 NYSDEC Sampling, 1990 and 1991

Sampling was conducted by the NYSDEC in 1990 and 1991 to investigate the ASR waste at the Site. The sampling activities involved collection of 22 soil and nine (9) water samples for analysis of PCBs and Toxicity Characteristic Leaching Procedure (TCLP) metals. The results of these sampling events indicated that elevated concentrations of PCBs were present in the ASR waste. The results of analysis of ASR waste for PCBs ranged from non-detect to 49 milligrams per kilogram (mg/kg). PCBs were not detected above 1 mg/kg in soil samples collected from outside of the approximate ASR waste limits. The complete results of the investigation can be found in Appendix A of the Site Characterization Report (TRC Engineers, Inc., January 2018).

2.4.2 NYSDEC Sampling, 2008, 2009, and 2011

Additional sampling of on-site soils was conducted in 2008, 2009, and 2011. Limited information is available regarding these sampling events. The historical data from the NYSDEC sampling event in 2008 was not available. In 2009, six (6) soil samples were collected for analysis of PCBs. The results ranged from 0.041 mg/kg to 14 mg/kg. Six (6) additional soil samples were submitted to H2M Labs, Inc. in July 2011 for analysis of PCBs. The results of these sample analyses ranged from 0.042 mg/kg to 12 mg/kg. The available information concerning these investigations can be found in Appendix A of the Site Characterization Report (TRC Engineers, Inc., January 2018).

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

In May 2015, MJ Engineering and Land Surveying, P.C. (MJ) conducted a field sampling event on behalf of the NYSDEC to obtain analytical/characterization data for the ASR waste and additional waste delineation data, and to obtain data for use in estimating waste volumes and potential disposal costs. A total of 56 borings were advanced throughout the Site with 48 soil samples analyzed for PCBs and eight (8) soil samples analyzed for Resource Conservation and Recovery Act (RCRA) metals (i.e., Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, and Mercury), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), reactivity, corrosivity, and ignitability. One (1) composite sample consisting of aliquots from nine (9) boring locations was also submitted for analysis of the above parameters.

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

Based on the waste characterization analyses, MJ concluded that the concentrations of PCBs in three (3) ASR waste samples were above the NYSDEC hazardous waste limit of 50 mg/kg, 23 ASR waste samples contained concentrations of metals above the TCLP characteristic hazardous waste limit, and 19 samples would otherwise be classified as non-hazardous waste.

2.4.4 TRC Engineers, Inc. Site Characterization, 2018

The Site Characterization (SC) field activities were completed by TRC Engineers, Inc. (TRC) between November 2016 and July 2017 on behalf of NYSDEC and consisted of the following:

- Repair of a washout on the main access road at the crossing of Threemile Creek. The repair work included the installation of a new stormwater drainage culvert and re-grading of the stone access road.
- A private utility mark out/geophysical survey conducted to confirm proposed soil boring locations were clear of subsurface utilities and structures.
- Twelve (12) direct push technology (DPT) soil borings were advanced at the Site between December 12 and 15, 2016. Each boring was sampled continuously, and a total of 36 soil samples were submitted for the following laboratory analysis of TCL VOCs by USEPA Method 8260C, TCL SVOCs by USEPA Method 8270D, TAL metals by USEPA Methods 6010C and 7471B and cyanide by USEPA Method 9012B, Total PCBs by USEPA Method 8082A, and Organochlorine pesticides by USEPA Method 8081B;

- Additionally, grab groundwater samples were collected at 11 of the 12 DPT boring locations and submitted for TCL VOCs, TCL SVOCs, TAL metals (unfiltered samples) and cyanide, TAL metals (filtered samples), cyanide, PCBs (unfiltered samples), PCBs (filtered samples), organochlorine pesticides (7 of 11 samples).
- Twelve sediment samples were collected on May 23 and 24, 2017 in the Wetland to the east of the ASR waste and analyzed for TCL VOCs, TCL SVOCs, TAL metals, cyanide, PCBs, organochlorine pesticides, 1,4-dioxin by USEPA Method 8260C; and per- and polyfluoroalkyl substances (PFAS) by USEPA Method 537 (modified).
- Four (4) surface water samples (from locations FT-WS/SD-208 and FT-WS/SD-210, east of the ASR waste, and from locations FT-WS-213 and FT-WS-214, west of the access road) were collected on May 23 and 24, 2017 and submitted for analysis of TCL VOCs, TCL SVOCs, TAL metals (filtered and unfiltered samples), cyanide, PCBs (filtered and unfiltered samples), organochlorine pesticides, 1,4-dioxin, and PFAS.
- Six (6) 2-inch diameter groundwater monitoring wells were installed on June 12 through 15, 2017. Each monitoring well borehole was sampled continuously from the ground surface to the boring termination depth to confirm geology. The monitoring wells were developed on June 12 through 15 and June 20, 2017.
- One (1) round of groundwater samples was collected on July 11, 2017. Groundwater samples were collected from the six (6) newly installed wells and one (1) pre-existing monitoring well and submitted for analysis of TCL VOCs, TCL SVOCs, TAL metals (filtered and unfiltered samples), PCBs (filtered and unfiltered samples), cyanide (filtered and unfiltered samples), 1,4-dioxin, and PFAS.
- A land survey was performed by a New York State-Licensed Land Surveyor, MJ of Clifton Park, New York on August 28, 2017. The scope of the land survey included surface elevations for topography of the ASR waste pile and locations of samples.

A discussion of the SC results is presented in Section 5.0 of the SC Report.

3. Remedial Investigation and Supplemental Remedial Investigation Field Activities

RI field activities were conducted during the following periods:

- October 23, 2019 through November 27, 2019
- June 22, 2020 through June 26, 2020
- May 17, 2021
- May 21, 2021

SRI field activities were conducted during the following periods:

- October 24, 2022 and 25, 2022
- November 28, 2022 through December 22, 2022
- January 3, 2023 through January 13, 2023
- April 10, 2023 through April 19, 2023
- May 15, 2023 through May 19, 2023
- July 6, 2023
- February 2, 2024

Daily field notes, field reports, and a photographic log of field activities are presented in **Appendix A**, **Appendix B**, and **Appendix C**, respectively. These activities are discussed below.

3.1 Scope of Work

The RI and SRI were undertaken to determine the physical extent of contamination and chemical characteristics of surface water, soils, and/or groundwater at the Site, within the Wetland located downgradient (north) of the Site, within the Upland area located upgradient (south) of the Site, and at residential properties within vicinity (south) of the Site (**Figure 2-1**). The SRI was completed in two (2) phases (Phase I and Phase II). The original scope of work specified sampling of sediment on-site. However, following an on-site meeting and inspection of the sediment sampling locations on March 26, 2024, representatives from the NYSDEC Fish and Wildlife team determined that sample locations originally deemed sediment samples be considered soil samples. These samples (SD-01 through SD-52, SD-03R, and SD-05R) are hereinafter referred to as surface soil samples and evaluated as such. Due to the large quantity of surface soil sample data, figures illustrating the locations of analytical exceedances are separated into two (2) distinct areas: “Wetland area” surface soils, located beyond the primary mound of ASR waste, and “Upland area” surface soils, where the bulk of the ASR waste is found. The exception is at sampling locations SD-13 through SD-16 to the southwest of the Site – these locations were considered sediment samples at the time of collection as they were below standing water, and are described as such. Sediment was determined not to be present in the area of concern.

Analytical data from each respective area is discussed collectively in the sections below. Data from each investigation was used to develop a data set sufficient to evaluate the extent and mobility of the contamination, perform a qualitative exposure assessment, and evaluate the extent to which Site contaminants pose a risk to human health and the environment. The following sections detail the approach and rationale for the work elements conducted during the RI and SRI. All work was conducted in accordance with the methods and protocols described in the FAP, QAPP, and HASP respectively (AECOM, 2019, 2022).

Field equipment calibration documentation may be found in **Appendix D**.

Chain-of-custody (CoC) forms were maintained and accompanied the sample containers to TestAmerica service center in Syracuse, New York for the RI and to the Pace Analytical (Pace) service center in Syracuse, New York for the SRI.

Investigative derived waste (IDW) was placed in Department of Transportation (DOT) approved 55-gallon drums and picked up at the end of the RI field effort by Allied Environmental Services, Inc. (Allied). The IDW generated during the SRIR was placed in DOT approved 55-gallon drums and picked up at the end of the SRI field effort by Environmental Service Group Inc. (ESG). All IDW was disposed at American Recyclers Company in Tonawanda, New York. IDW documents may be found in **Appendix E**.

A full summary of RI and SRI activities and sampling results have been combined in this comprehensive SRIR.

3.1.1 Preliminary Activities

To determine surface and subsurface soil, monitoring well, test trench, and surface water sampling locations, AECOM completed a review of existing Site analytical data and conducted Site reconnaissance. The reconnaissance work included multiple Site walks with the NYSDEC project manager. Additional follow-up reconnaissance visits were conducted either by AECOM or in concert with the NYSDEC to evaluate specific sample point locations with respect to historical sample locations and potential sampling constraints posed by Site conditions.

The sample locations are shown by media of concern on **Figures 3-1** through **Figure 3-6**. **Figure 3-7** identifies the locations of three (3) background subsurface soil samples for metals added to the investigation scope during a call with the NYSDEC on April 13, 2021. **Table 3-1** and **Table 3-2** summarizes the RI and SRI sample identification numbers, sample dates, sample media (i.e. surface soil, subsurface soil, groundwater, and surface water), and analyses performed. All sampling and analysis were conducted as detailed in the FAP (AECOM, 2019, 2022).

3.1.2 Mobilization

Project kick-off meetings were held prior to initiating various phases of field work on October 23, 2019 (RI) and October 22, 2022 (SRI) to orient field team members and subcontractors with the Site, and to familiarize all Site workers with Site background, potential dangers, health and safety requirements and emergency contingencies and other field procedures.

3.1.3 Site Preparation

Site preparation activities were performed by AECOM field geologists and AECOM's drilling subcontractors Parratt-Wolff, Inc. (PW) and Matrix Environmental Technologies Inc. (Matrix) under direction by AECOM's Project Manager (PM).

Site preparation activities included:

- Purchase and replacement of a manual swinging barrier gate arm across the Site access road to limit vehicle traffic onto the Site. The previous gate had been stolen. The receiver posts were still present from the previous gate and were used for gate installation. Following installation of the gate, a lock was installed; one (1) key was retained by AECOM and a second key was provided to the NYSDEC PM.
- Grubbing of overgrown vegetation was performed using a brush hog mounted on a Bobcat to access to sampling locations down the sides of the waste pile, along the toe of slope, and to existing monitoring wells.
- Sample locations from the SC were located by AECOM with a hand-held global positioning system (GPS) device. This assisted in demarcating historical and RI and SRI sample locations.
- Temporary decontamination pads were constructed on an existing concrete slab for decontamination of tools and equipment. The temporary decontamination pads were lined with plastic sheeting so wash water could be collected, containerized, and properly disposed. Following the RI and SRI, the temporary decontamination pads were disassembled and removed from the Site as IDW.
- An IDW staging area was constructed on an existing concrete slab. Following the loading of closed and labeled DOT approved 55-gallon drums onto truck for T&D, the IDW staging area plastic sheeting used to line the pad was placed in a drum for disposal and the staging area was removed.

3.1.4 Utility Clearance

Prior to performing intrusive work, the drilling subcontractors arranged for all appropriate utility clearance mark-outs which included contacting Dig-Safely New York. Per Dig-Safely New York Ticket 10149-542-047-00 (RI) and Ticket

11212-000-633 (SRI). There were no utilities located within 15 feet of the defined work area, i.e., ASR landfill. A geophysical utility survey was performed at the Site during the SC by TRC Engineers, Inc. (January 2018), and confirmed that no utilities were present in the proposed investigation areas.

3.1.5 Community Air Monitoring Program

A Community Air Monitoring Plan (CAMP) was implemented to provide a measure of protection for the downwind community (e.g., off-site receptors including residences and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative work activities. The protocols followed were based on the New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan (May 2010; Appendix 1A to DER-10 [NYSDEC, 2010]) and were performed in accordance with the FAP. CAMP logs and data are presented in **Appendix F**.

VOC and dust particulates were monitored continuously at temporary stations established at upwind and downwind perimeters of the work area. Each station consisted of one (1) MiniRAE 3000 photoionization detector (PID) and one (1) DustTrak II particulate monitor. Continuous monitoring for VOCs and particulates were performed during ground intrusive activities at the Site, (e.g., installation of soil borings and groundwater monitoring wells with a hollow stem auger (HSA) and test trench excavations). In addition, periodic manual monitoring for VOCs using a MiniRAE 3000 PID was performed for certain activities (e.g., brush clearing, the collection of surface water, surface soil samples, DPT borings, and groundwater samples) and fugitive dust migration was visually assessed during work activities.

The MiniRAE 3000 PIDs were calibrated daily as noted in the daily field notes and 15-minute running average concentrations were compared to the action levels specified in the FAP. The DustTrak II particulate monitors measure particulate matter less than 10 micrometers in size (PM-10). The DustTrak II also integrated data over a period of 15-minutes for comparison to the airborne particulate action level. Calibration documentation can be found in **Appendix D**.

3.1.5.1 Volatile Organic Compounds

Throughout the RI and SRI field activities, the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone did not exceed 5 parts per million above background for the 15-minute average.

All 15-minute VOC readings were recorded and made available for NYSDEC personnel to review and forward to NYSDOH at their discretion.

3.1.5.2 Particulates

Throughout the RI and SRI field activities, the downwind PM-10 particulate level did not exceed 100 micrograms per cubic meter greater than background (upwind perimeter) for the 15-minute period nor was airborne dust observed leaving the work area.

All 15-minute particulate readings were recorded and made available for NYSDEC personnel to review and forward to NYSDOH at their discretion.

3.1.6 Surface Water and Surface Soil Sampling in Wetland Area

The following sections discuss the samples collected from surface water, test trench, surface and subsurface soil, and groundwater during the RI and SRI fieldwork. Analytical methods (USEPA methods) which were used for analysis of the RI and SRI samples grouped by sampled media are presented on **Table 3-1**.

Surface water and surface soil samples were collected in surface water bodies within vicinity of the Site to evaluate environmental impacts related to the ASR waste pile. Surface water and surface soil sample locations in the Wetland area are shown in **Figure 3-1** and **Figure 3-2**, respectively. Soil logs are presented in **Appendix G**. Surface water samples were co-located with soil samples. As previously stated, at the time of sample collection, the surface soil locations in the Wetland area were identified as sediment locations based on the September 2022 wetland delineation; however, during an on-site meeting with NYSDEC Fish and Wildlife personnel on March 26, 2024, the locations previously sampled and identified as sediment were determined to be soil. These sample locations, SD-01 through SD-52, have the identification prefix "SD", referring to "sediments" but have since been evaluated as soil according to applicable SCGs. The exception is at sampling locations SD-13 through SD-16 to the southwest of the

Site – these locations were considered sediment samples at the time of collection as they were below standing water, and are described in Section 5.4. Sediment was determined not to be present in the area of concern.

Quality assurance/quality control (QA/QC) samples (i.e., matrix spike/matrix spike duplicate (MS/MSD), duplicate, and field blank) were collected from all media during the RI and SRI.

3.1.6.1 Remedial Investigation Sampling

AECOM collected surface water grab samples from six (6) on-site locations (SW-01 through SW-06), 12 surface soil samples (0 to 0.5 feet below ground surface [bgs]) from 12 locations (SD-01 through SD-12), and four (4) sediment samples (0 to 0.5 feet bgs) from four (4) locations (SD-13 through SD-16), for analysis of target compound list (TCL) VOCs, TCL SVOCs, 1,4-dioxane, metals, cyanide, PCBs, pesticides, and Per- and Polyfluoroalkyl Substances (PFAS) - by USEPA Method 537 [modified].

3.1.6.2 Supplemental Remedial Investigation Sampling

During the Phase I SRI sampling effort, AECOM collected surface water grab samples from 12 on-site locations (SW-07 through SW-18) and 66 surface soil samples (0 to 0.5, 0.5 to 1.0, and 1.0 to 2.0 feet bgs) from 25 locations (SD-03R, SD-05R and SD-17 through SD-39) for analysis of TCL VOCs, TCL SVOCs, 1,4-dioxane, metals, cyanide, PCBs, pesticides, and PFAS.

Phase II SRI sampling was completed to fill in potential data gaps and included additional surface water grab samples from six (6) locations (SW-19 through SW-24) for analysis of metals, PCBs and PFAS; and 26 surface soil samples from 13 locations (SD-40 through SD-52) (0 to 0.5 and 0.5 to 1.0 feet bgs) for analysis of metals and PFAS with select samples also analyzed for PCBs, mercury, and 1,4-dioxane.

3.1.7 Surface Soil Sampling in Upland Area

The surface soil locations in the Upland area are shown in **Figure 3-3** and surface soil logs are presented in **Appendix H**.

3.1.7.1 Remedial Investigation Sampling

AECOM collected 30 surface soil grab samples (0 to 0.5 and 0.5 to 1.0 feet) from 15 on-site locations (SS-01 through SS-15) for analysis of TCL VOCs, TCL SVOCs, 1,4-dioxane, metals, cyanide, PCBs, pesticides, and PFAS with select samples analyzed for herbicides (by USEPA Method 8051).

3.1.7.2 Supplemental Remedial Investigation Sampling

During the Phase I SRI sampling effort, AECOM collected 34 surface soil grab samples (0 to 0.2 and 0.2 to 1.0 feet bgs) from 18 on-site locations (SS-05R, SS-07R and SS-16 through SS-31) for analysis of TCL VOCs, TCL SVOCs, 1,4-dioxane, metals, cyanide, PCBs, pesticides, and PFAS.

Phase II SRI sampling was completed to fill in potential data gaps and included 31 on-site surface soil grab samples (0 to 0.2, 0.2 to 1.0, and 1.0 to 2.0 feet bgs) for analysis of PFAS with select samples analyzed for TCL SVOCs, metals, mercury, and PCBs.

Soil samples collected from within the ASR waste pile (i.e., from ground surface into native soils below the ASR waste) are discussed in Section 3.1.9.

3.1.8 Test Trenches at ASR Limits

3.1.8.1 Remedial Investigation Sampling

AECOM completed 15 test trenches (TT-01 through TT-15) at the Site between October 24, 2019 and October 28, 2019. Test trenches were completed with the objective of determining the extent of visible ASR waste along the boundary of the ASR waste pile and confirming that extent with analytical samples. The ASR waste pile boundary presented in the SC Report (TRC Engineers, Inc., January 2018) did not change based on this effort. The test trench locations are shown in **Figure 3-4**. Sixteen subsurface soil samples were collected from the 15 test trench locations between 0.5 to 3.0 feet bgs (actual interval dependent on location) and submitted for analysis of TCL VOCs, TCL SVOCs, 1,4-dioxane, metals, cyanide, PCBs, pesticides, and PFAS.

Excavation services were provided by PW using a backhoe loader. Soils were screened using a PID and classified in the field by AECOM geologists. Test trench logs are presented in **Appendix I**.

3.1.8.2 Supplemental Remedial Investigation Sampling

There were no test trenches completed as part of the SRI scope of work.

3.1.9 Soil Boring Installation

AECOM installed 21 soil borings outside the footprint of the ASR waste pile during the RI between November 4 and November 22, 2019. Drilling services were provided by PW using an HSA drill rig.

AECOM installed 73 soil borings during the SRI between December 20, 2022 and May 16, 2023 within the ASR waste pile. Drilling services during this time were provided by Matrix using a DPT Geoprobe 6620DT.

The RI and SRI soil boring locations are shown in **Figure 3-5**. Soil boring logs are presented in **Appendix J**.

3.1.9.1 Pre-Boring Clearing

As there were no utilities identified or expected based on previous investigations within and immediately adjacent to the ASR waste pile, the NYSDEC PM and AECOM's regional Health and Safety Manager approved continuing with borings without hand-clearing.

3.1.9.2 Remedial Investigation Soil Borings Outside of the ASR Waste Pile

During RI field activities between November 4 and November 22, 2019, PW utilized an HSA drill rig for the installation of 21 soil borings. Of the 21 soil borings installed in November 2019, 13 were investigative soil borings (SB-01 to SB-13) and the remaining eight (8) were converted to monitoring wells. A total of 41 soil samples were collected: 25 from the investigative soil boring locations (including one [1] discrete sample from visibly impacted material observed at SB-08 at the 0 to 0.5-foot interval), and 16 from the locations that were converted into monitoring wells. No soil samples were collected from soil boring SB-13, as this boring was completed to install a monitoring well after boring SB-11, which was scheduled to be converted into a monitoring well, did not encounter an obvious water-bearing zone.

RI soil borings were advanced using 4 1/4-inch HSAs and sampled using 2-foot long by 2-inch diameter split-spoon samplers. The procedure for the advancement of the borehole was to advance the split-spoon sampler to the appropriate interval (2 feet) and then advance the outer casing over the sampler to the desired depth. After the outer casing was advanced, the sampler was retrieved, and the collected sample core was logged and sampled accordingly. The process was repeated until the required depth was reached.

Each split-spoon soil sample was screened with a PID. Up to two (2) soil samples were retained from each boring (except SB-13): one (1) soil sample was retained from the interval just above water table and the second soil sample was retained from the interval exhibiting odors, staining, or the highest PID reading. If no odors, staining, or elevated PID readings were encountered, then one (1) soil sample was retained from the interval just above the water table, and the second sample was retained from the terminal depth. Soils were classified in the field by AECOM's geologist. **Table 3-1** lists the individual samples and analyses.

During the RI field activities, the soil samples were analyzed for TCL VOCs, TCL SVOCs, 1,4-dioxane, metals, cyanide, PCBs, pesticides, and PFAS.

3.1.9.3 Supplemental Remedial Investigation Soil Borings within the ASR Waste pile

During SRI field activities between December 20, 2022 and May 16, 2023, Matrix completed 73 soil borings within the ASR waste pile (i.e., SB-14 through SB-86). All but one (1) soil boring was completed during Phase I of the SRI (i.e., SB-86).

Soil borings were advanced using a 5-foot long by 2-inch diameter macrocore. Soil sampling was conducted to classify subsurface material. All soil samples were visually described and classified, inspected for signs of contamination, and screened with a PID for the presence of volatile organic vapors by an AECOM geologist. Up to eight (8) soil samples were collected from each boring. Soil sample depths were pre-determined based on native soil depth estimated from reviewing logs from previous borings. Soils were classified in the field by AECOM's geologist. **Table 3-1** lists the individual samples from select depths and analyses.

During the SRI field activities, the soil samples were analyzed for PCBs and select samples were also analyzed for TCL VOCs, TCL SVOCs, 1,4-dioxane, metals, cyanide, pesticides, and PFAS.

3.1.10 Monitoring Well Installation

Monitoring well locations are shown in **Figure 3-6** and a description of monitoring well installation activities is as follows. Monitoring well boring logs are included in **Appendix J**.

3.1.10.1 Remedial Investigation Monitoring Well Installation

AECOM installed eight (8) monitoring wells (MW-107 through MW-114) on the Site between November 4, 2019 and November 20, 2019. One (1) well location was moved, per NYSDEC approval, deviating from the FAP (AECOM, 2019). Location SB-13 was converted to MW-111 as the original boring for MW-111 (SB-11) was dry.

Similar to the advancement of the soil borings described in Section 3.1.9, monitoring wells were advanced using 4 1/4-inch augers and sampled using 2-foot long by 2-inch diameter split-spoons. Soil samples were screened using a PID and then classified in the field by AECOM's geologist. Once the target depth for each well was encountered, AECOM's geologist instructed the drilling crew to install the monitoring well.

3.1.10.2 Supplemental Remedial Investigation Monitoring Well Installation

Matrix installed three (3) monitoring wells (MW-115, MW-121 and MW-122) on the Site between December 12, 2022 through December 16, 2022 with AECOM oversight. Matrix was not able to access all of the proposed well locations with their drill rig at the time, and PW installed the remaining six (6) proposed monitoring wells (MW-103R and MW-116 through MW-120) on the Site between April 10, 2023 through April 14, 2023 with AECOM oversight.

Monitoring well borings were advanced using 4 1/4-inch augers and sampled using a 2-foot long by 2-inch diameter split-spoons. Soil samples were screened using a PID and classified in the field by AECOM's geologist. Once the target depth for each well was encountered a monitoring well was installed in the auger borehole.

3.1.11 Monitoring Well Construction

The 17 monitoring wells installed during the RI and SRI field activities were constructed with 10 feet of 2-inch inner diameter (ID), Schedule 40 polyvinyl chloride (PVC) 0.010-inch slotted screen and 2-inch ID Schedule 40 PVC riser. All but one (1) well (MW-103R) were installed to depths between approximately 22 and 30 feet bgs. MW-103R was installed to an approximate depth of 40 feet bgs to characterize groundwater in native soils beneath the ASR waste pile. A #0 size sand pack was installed from the bottom of each well up to 2 feet above the top of the well screen. A bentonite seal was installed to 2 feet above the sand pack. The remaining annular space was grouted to within 1-foot of grade.

Each monitoring well was finished with a locking well cap, a 2-foot square by 6-inch-thick concrete apron, and a locking steel stick-up casing. Locks were installed on the stick-up riser lids to minimize the potential for unauthorized well access. Monitoring well construction logs are provided in **Appendix K**.

3.2 Monitoring Well Development

All monitoring wells installed during the RI and SRI field activities were developed by AECOM at least 24 hours after the monitoring wells were installed using the following methodology.

Prior to well development, a 100-foot long Solinst oil/water interface probe was used to check for the presence of accumulated non-aqueous phase liquid (NAPL). No NAPL was observed in any of the wells. During the RI, development was accomplished via the pump and surge development method using a Waterra Inertial Hydrolift pump, while during the SRI a Whale pump was used. During both instances, dedicated/disposable high-density polyethylene (HDPE) tubing and, if applicable, dedicated/disposable HDPE check valves were used.

During RI well development, the water quality parameters pH, specific conductivity, temperature, oxidation/reduction potential (ORP), and turbidity were measured using a Horiba U-50 multiparameter meter and a Lamotte 2020 or HACH turbidimeter. A YSI ProDSS measured water quality parameters during SRI well development.

A monitoring well was considered developed when the silt content was significantly reduced or eliminated, and hydraulic connectivity to formation water was then inferred. Calibration logs are in **Appendix D** and monitoring well development logs may be found in **Appendix L**.

3.3 Groundwater Level Measurements

Synoptic groundwater levels were measured in four (4) monitoring rounds. The monitoring first round occurred between November 25, 2019 and November 27, 2019; the second round occurred between June 22, 2020 and June 25, 2020; the third round on December 6, 2022; and the fourth round on February 2, 2024. Water levels were determined using a 100-foot long Solinst oil/water interface probe.

During monitoring, the wells were checked for depth to groundwater and presence of NAPL (no NAPL was observed). **Table 3-3** presents groundwater level measurements and the presence/absence of NAPL in monitoring wells for all events.

AECOM converted depth-to-groundwater measurements to elevations and developed groundwater contour elevation maps so that groundwater flow directions could be determined. Groundwater contour maps are provided in **Figure 3-8**, **Figure 3-9**, **Figure 3-10**, and **Figure 3-11**.

3.3.1 On-site Monitoring Well Sampling

Groundwater samples were collected from monitoring wells installed during the RI and SRI, as well as from existing on-site monitoring wells noted within the 2018 SC Report (prepared by others) as described in **Section 2.4.4** of this text. The monitoring wells installed as part of the SC effort (hereinafter referred to as SC monitoring wells or SC wells) include six (6) 2-inch diameter groundwater monitoring wells located within the limits of the ASR waste pile (FT-MW-101 through FT-MW-106) and one (1) 2-inch monitoring well (FT-MW-001) which is located approximately 300 feet south of the ASR waste limits. Monitoring well purge logs are provided in **Appendix M**.

3.3.1.1 Remedial Investigation Monitoring Well Sampling

During the RI field effort between November 25, 2019 and November 27, 2019, AECOM collected groundwater samples from 15 monitoring wells (eight [8] newly installed and seven [7] existing wells) plus QA/QC samples using low-flow sampling procedures.

Prior to sample collection, standing water was purged from each well with a Geopump peristaltic pump using dedicated/disposable HDPE tubing. Wells were purged at a rate of 500-milliliters per minute or less and the purge rate was adjusted to minimize draw down. During the purging of the well, water quality parameters (pH, specific conductivity, temperature, dissolved oxygen, ORP, turbidity) were measured using a YSI Multi-parameter Instrument with a flow-through cell and documented on a purge log. Samples were collected after the water quality parameters stabilized.

During RI field activities, the groundwater samples were analyzed for TCL VOCs, TCL SVOCs, 1,4-dioxane, metals, cyanide, PCBs, pesticides, and PFAS.

3.3.1.2 Supplemental Remedial Investigation Well Sampling

During the Phase I SRI field effort between December 5, 2022 and December 9, 2022, AECOM collected groundwater samples from 15 existing monitoring wells plus QA/QC samples using low-flow sampling procedures. During the Phase II SRI field effort between May 15, 2023 and May 19, 2023, AECOM collected groundwater samples from 14 monitoring wells (five [5] existing wells and nine [9] newly installed wells).

Prior to sample collection, groundwater was purged from each well with a Geopump peristaltic pump using dedicated/disposable HDPE tubing. Wells were purged at a rate of 500-milliliters per minute or less and the purge rate was adjusted to minimize draw down. During the purging of the well, water quality parameters (pH, specific conductivity, temperature, dissolved oxygen, ORP, turbidity) were measured using a YSI ProDSS with a flow-through cell and documented on a purge log. Samples were collected after the water quality parameters stabilized.

During SRI field activities, the groundwater samples were analyzed for TCL VOCs, TCL SVOCs, 1,4-dioxane, TAL metals (including mercury), cyanide, PCBs (Aroclors and homologs), pesticides, and PFAS, with select samples also analyzed for dissolved (filtered) TAL metals, and dissolved (filtered) PCBs (Aroclors and homologs).

3.3.2 Hydraulic Conductivity Testing

Hydraulic conductivity testing (slug testing) was completed on July 6, 2023 at seven (7) wells (FT-MW-101, FT-MW-103, FT-MW-104, MW-107, MW-109, MW-116, and MW-117). Prior to the start of slug testing, the depth to

water was measured. Both rising and falling head tests were performed. Slug tests were performed in a similar manner as described in ASTM D-4044. The tests were performed using a solid plastic slug approximately 2 feet long by 1.5 inches in diameter or a stainless-steel slug approximately 10 inches long by 1 inch in diameter.

Prior to testing, a Level TROLL 700 data logger was placed in the well. Once the water level stabilized, a slug was inserted into the well and the drop in water level (falling head) was monitored using a Rugged Reader connected to the Level TROLL. After the water level restabilized, the slug was removed after water level returned to approximately 95% of the original, static water level. The water level recovery (rising head) was then monitored to approximately 95% of the original, static water level.

The in-well equipment (e.g., slug, water level meter probe/cable, and transducer) were decontaminated prior to use at the next well. A new length of nylon cord was used at each well to suspend the slug.

The electronic transducer was set to collect water levels at appropriate intervals to provide adequate data to determine the hydraulic conductivity of the monitoring well. Data collected by the data logger was checked in the field immediately following each test. If the data were not adequate (incorrect timing, transducer cable moved or disturbed, etc.) from the judgement of the field geologist, the test was re-run so that adequate data were collected. AECOM reduced the data using the Bouwer and Rice method. The results are summarized in Section 4.6, and slug test data is provided in **Appendix N**.

3.3.3 Residential Well Water Sampling

Residential wells within vicinity of the Site were sampled between 2018 and 2021. Refer to **Appendix T** for the methodology and results.

3.4 Subsurface Soil Background Samples for Metals Analysis

After the 2019/2020 RI fieldwork was completed and initial analytical results reviewed, AECOM attended a conference call with the NYSDEC on April 13, 2021. During that meeting, it was agreed that three (3) background soil borings would be added to the investigation to gather site-specific background data for metals.

On May 17, 2021, AECOM collected the three (3) background soil samples by removing soil to 2 feet below ground surface with a hand auger and then advancing a dedicated 2-inch Lexan core liner to 3 feet bgs. The collected sample core was logged and sampled accordingly.

Each soil core was composited then placed in laboratory supplied, pre-cleaned sample jars. Background soil samples collected in May 2021 were analyzed for metals only.

The background subsurface soil sample locations are shown in **Figure 3-7**. Soil boring logs are presented in **Appendix J**.

The soil metal results were corrected if they were higher than the highest background result for a particular metal and that background result was above relevant criteria. Corrected numbers were obtained by subtracting the background result from the initial subsurface soil sample result and checking if the resulting value remained above the relevant exceeding criteria.

3.5 Soil Vapor

No soil vapor sampling was requested for the scope of work of this RI or SRI. No soil vapor samples were collected.

3.6 Sampling and Analysis

Contamination and cross-contamination from field sampling were minimized to the extent possible by the use of disposable or dedicated equipment for the collection of surface water, soil, and groundwater samples. Specific sampling protocols for collection of PFAS were followed as described in the FAP. CoC procedures were utilized to track the possession of all samples from the time of collection to delivery/receipt at the analytical laboratory. All analyses were performed using the standard preservation procedures and required holding times as stated in the QAPP (AECOM, 2019, 2022).

Samples were placed into laboratory supplied, pre-cleaned sample jars and labeled with a unique sample identification code, packed in a cooler with ice, and transported by AECOM field staff under CoC control to the respective laboratory service center (TestAmerica or Pace) in Syracuse, New York. AECOM provided same-day courier service directly to from the Site with no third-party shipping required. Test America and Pace transferred the samples from the service center to their respective analytical laboratories. The May 2021 background soil samples were transported by AECOM field staff directly to the TestAmerica laboratory in Amherst, New York.

Laboratory analysis for the RI was performed by NYSDEC call-out laboratory TestAmerica at 10 Hazelwood Drive, Amherst, New York, a NYSDOH Environmental Laboratory Approval Program Certified laboratory (No. 10026). Samples were analyzed for TCL VOCs, TCL SVOCs, 1,4-dioxane, metals, cyanide, PCBs, pesticides, herbicides, TOC, and PFAS according to **Table 3-2**.

Laboratory analysis for the SRI was performed by NYSDEC call-out laboratory Pace at 39 Spruce Street, East Longmeadow, Massachusetts, a NYSDOH Environmental Laboratory Approval Program certified laboratory (No. 10899). Samples were analyzed for TCL VOCs, TCL SVOCs, 1,4-dioxane, TAL metals (including mercury), cyanide, PCBs (Aroclors and/or homologs), pesticides, and PFAS, with select samples also analyzed for dissolved (filtered) TAL metals, and dissolved (filtered) PCBs (Aroclors and homologs) as listed in **Table 3-1**.

QA/QC samples consisted of field duplicates, equipment blanks, trip blanks, and MS/MSD samples, each of which were collected at a frequency of one (1) for every 20 investigative samples collected as stated in the QAPP (AECOM, 2019, 2022).

Laboratory analytical reports are included on a CD in **Appendix O**. Data Usability Summary Reports (DUSRs) were prepared in compliance with NYSDEC Analytical Services Protocols and United States Environmental Protection Agency (USEPA) National Functional Guidelines by AECOM for RI data and Validata Chemical Services, Inc. for SRI data. The RI and SRI laboratory data were found to be usable as qualified. The DUSRs are provided on a CD in **Appendix P**.

All analytical data was submitted to the NYSDEC EQulS database on October 12, 2020, July 12, 2021, and February 6, 2024. The data was subsequently approved and accepted by NYSDEC on October 19, 2020, August 5, 2021, and February 14, 2024, respectively.

3.7 Surveying and Mapping

Except for the May 2021 background soil sample locations, surveying of all soil borings, monitoring wells, test trench extents and soil samples, surface soil samples, and surface water samples was performed under the supervision of a New York State licensed land surveyor from CT Male Associates Engineering, Surveying, Architecture, Landscape Architecture & Geology DPC. Vertical control points were referenced to the NAVD88 and horizontal data was referenced to the North American Datum of 1983, New York State Plane Coordinate System, Central Zone. Copies of survey information and site basemap documents are provided in **Appendix Q**.

GPS coordinates for all of AECOM's surface soil, test trench extents, and surface water locations were obtained using a Trimble GeoXH handheld GPS unit for preparation of Site maps.

3.8 Investigation Derived Waste Disposal

IDW generated from the soil borings and monitoring well installation and sampling was containerized in DOT approved 55-gallon drums. For the RI, Allied was subcontracted for the transportation and disposal (T&D) of all drummed IDW during the RI. At the end of the RI field efforts, 19 soil drums and 10 liquid drums were picked up by Allied on February 13 and 14, 2020 and on June 25, 2020.

For the SRI, ESG was subcontracted for IDW T&D. The SRI IDW, consisting of seven (7) soil drums and two (2) liquid drums, was picked up on July 10, 2023.

All IDW was transported for disposal at American Recyclers Company in Tonawanda, New York. were shipped following the SRI field efforts.

Copies of the T&D paperwork are provided in **Appendix E**. Sample names and analyses performed for IDW are presented in **Table 3-4**. Analytical packages for water and solids from waste profile samples may also be found in **Appendix E**.

3.9 Standards, Criteria, and Guidance Values

SCGs are cleanup standards, standards of control, and other substantive environmental protection requirements, criteria, or limitations promulgated under federal or state law that specifically address a hazardous substance, pollutant, contaminant, remedial action, or location. Guidance values include non-promulgated criteria and guidelines that are not legal requirements but should be considered if determined to be applicable to the Site.

The current regulatory standards and guidance documents applicable to evaluate and characterize the surface water, surface soil, subsurface soil and groundwater quality at the Site include the following:

3.9.1 Surface Waters and Groundwaters

- Division of Water Technical and Operation Guidance Standards (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values dated October 22, 1993 (reissued June 1998, addendums through February 2023). Class GA for the evaluation of overburden and bedrock groundwater, and Class C for the evaluation of surface water.
- Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 NYSDEC's Part 375 Remediation Programs. NYSDEC, dated April 2023.

3.9.2 Soils and Sediments

- 6 NYCRR Part 375 Environmental Remediation Programs Restricted Use Soil Cleanup Objectives (SCOs) for Protection of Public Health – Unrestricted Use, dated December 31, 2025. This criterion represents "...the concentration of a contaminant in soil which, when achieved at a site, will require no use restrictions on the site for the protection of public health, groundwater and ecological resources due to the presence of contaminants in the soil" (6-NYCRR Part 375).
- 6 NYCRR Part 375 Environmental Remediation Programs Residential Use Soil Cleanup Objectives (SCOs) for Protection of Public Health – Residential Use, dated December 31, 2025. Residential use "...is the land use category which allows a site to be used for any use other than raising livestock or producing animal products for human consumption. Restrictions on the use of groundwater are allowed, but no other institutional or engineering controls are allowed relative to the residential use soil cleanup objectives. This is the land use category which will be considered for single-family housing" (6-NYCRR Part 375).
- 6 NYCRR Part 375 Environmental Remediation Programs Restricted Use Soil Cleanup Objectives for Protection of Public Health – Restricted Use, Protection of Groundwater, dated December 31, 2025. "Except as provided in paragraphs (1) and (2) ..." of 6-NYCRR Part 375-6.5(s) "...the protection of groundwater soil cleanup objectives are applicable at restricted use sites where contamination has been identified in on-site soil by the remedial investigation and groundwater standards are, or are threatened to be, contravened by the presence of soil contamination at concentrations above the protection of groundwater soil cleanup objectives" (6-NYCRR Part 375).
- Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 NYSDEC's Part 375 Remedial Programs. NYSDEC, dated April 2023.

Sediment samples were also compared to the following:

- Screening and Assessment of Contaminated Sediments, Freshwater Sediment Guidance Values – Class A, which are considered to be of low risk to aquatic life. NYSDEC, dated June 24, 2014.
- Screening and Assessment of Contaminated Sediments, Freshwater Sediment Guidance Values – Class C, which are considered to be highly contaminated and likely to pose a risk to aquatic life. NYSDEC, dated June 24, 2014.

3.10 DER-31 Green and Sustainable Remediation

Pursuant to the NYSDEC DER-31 Green and Sustainable Remediation (GSR) initiative, GSR principles and techniques shall be implemented to the extent feasible in the Site management of the remedy. The major GSR components are as follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect green house and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling, and increasing reuse of materials which would otherwise be considered a waste; and,
- Incorporating GSR principles and techniques to the extent feasible in the future development at this Site. Any future on-Site building shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

During the RI and SRI activities, the following GSR efforts were employed:

- Vehicle idling was reduced.
- Groundwater purge rates were monitored in an effort to reduce purge water to be treated.
- Sample tubing was precisely measured as to not generate any excess which would contribute to additional waste.
- Waste materials amenable for recycling (i.e., cardboard, glass, etc.) were disposed of in the proper recycling receptacle.
- IDW drums were removed from the Site in a single event at the end of each field mobilization rather than daily pickups.
- When applicable, visits to stores to purchase field supplies, etc., and trips to the laboratory to drop off sample coolers were limited, to save energy, reduce emissions, reduce localized noise, vibration, and wear and tear on roads.

4. Physical Characteristics of the Study Area and Geology

This section discusses the physical characteristics of the study area including surface features, groundwater use, demography and land use, soil, surface water hydrology, geology, and hydrogeology.

4.1 Surface Features

The Site is partially open fields, partially wooded, and contains protected wetlands. The topography of the ASR waste pile at the Site ranges from approximately 500 feet (NAVD88) to approximately 480 feet (NAVD88). Based on 3-D imaging from the 2015, MJ Engineering and Land Surveying, P.C. estimated the volume of the ASR waste pile to be approximately 55,000 cubic yards.

Municipal waste from the Town of West Monroe has also been dumped on the area west and immediately adjacent to the ASR waste pile. These two (2) areas of waste disposal form an elevated area, approximately 9 acres in extent bordered by wetland to the east, north, and southwest.

Beyond the wetland north of the Site, ground surface rises approximately 50 feet to Grannis Road. Residential properties along Grannis road are hydrologically upgradient of the wetland north of the Site.

4.2 Demography and Land Use

The Site is currently inactive and zoned for residential use. The parcel is bound on all sides by private property; to the east by the town of Constantia, and Threemile Creek to the southwest. The surrounding parcels consist mostly of undeveloped land with the closest residents approximately 1,900 feet to the north and south.

4.3 Regional Geology

The Site lies within the Erie-Ontario Lowlands Physiographic Province. The general geology in Oswego County, NY consists of unconsolidated deposits of Pleistocene and Holocene age deposited during and after the last glaciation event. Pleistocene deposits consist of lodgment and ablation tills; outwash; kame, beach and wave-delta sand and gravel; and lacustrine sand, silt, and clay. Holocene-age deposits consist of peat and muck deposited in wetlands and alluvial silt, sand, and gravel deposited in stream valleys (Miller, 1982).

The bedrock geology in the area includes the following formations: the Ordovician Queenston Shale, the Early Silurian Medina Group, which is comprised of the Whirlpool Sandstone, Power Glen Shale, Devils Hole Sandstone, Grimsby Formation, Thorold Sandstone, Cambria Shale, Kodak Sandstone, and the Early Silurian Clinton Group. The Medina Sandstone consists of 80 to 115 feet of white, green, red, barren to moderately fossiliferous sandstone, siltstone, and shale.

4.4 Site Geology

Surface soil observed in the soil borings and test trenches, especially those near/within the wetlands, often had vegetative matter or peaty organics. Subsurface soil encountered during soil boring advancement consisted of native brown to pink-brown fine sands and silts (glacial outwash) which overlies native till composed of pink-brown and pink-gray gravelly sands and silts. In general, till was observed at depths ranging from 1 to 24 feet bgs with shallower depths being on the Upland side of the ASR waste pile and thicker outwash deposits in the wetland areas to the east and north of the ASR waste pile and west of the soil-capped Town of Monroe municipal waste landfill. One (1) location (SB-108) had no till observed to the boring termination at 26 feet. Fill, including ASR, was observed at depths of as much as 24 feet bgs in a few borings. Site bedrock is Medina Sandstone, estimated at a depth of approximately 50 feet. Bedrock was not encountered or targeted during the field investigation.

Test trench and boring logs are shown in **Appendices I and J**, respectively. Cross section locations are shown in **Figure 4-1** and cross sections are illustrated on **Figure 4-2** through **Figure 4-6**.

4.5 Groundwater Levels and Hydrogeology

Regional groundwater flow is to the south-southeast, toward Oneida Lake. Locally, groundwater likely flows toward Threemile Creek to the south and toward an unnamed tributary of Scriba Creek located in the north-most and

northeastern portions of the parcel, and which likely results in groundwater migration to both the northeast and to the south and southeast. These water bodies are shown on **Figure 1-1**.

Groundwater at the Site and surrounding areas is generally present in unconfined conditions. The depth to groundwater during the November 2019 round of water levels ranged from approximately 0 to 20 feet bgs with groundwater elevations ranging between 473.33 feet amsl (MW-111) to 482.16 feet amsl (FT-MW-103) in November 2019. The depth to groundwater during the June 2020 round of water levels ranged from about 1 to 21 feet bgs with groundwater elevations ranging between 470.51 feet amsl (MW-111) to 481.62 feet amsl (FT-MW-102) in June 2020.

During the SRI field activities, two (2) rounds of synoptic groundwater levels were obtained on December 6, 2022 and February 2, 2024. The depth to groundwater during the December 2022 round of water levels ranged from approximately 0 to 21 feet bgs with groundwater elevations ranging from 473.25 feet amsl (MW-111, FT-MW-001) to 481.96 feet amsl (FT-MW-102). The depth to groundwater during the February 2024 round of water levels ranged from approximately 0 to 19 feet bgs with groundwater elevations ranging from 471.68 feet amsl (MW-121) to 482.68 feet amsl (FT-MW-102).

The highest groundwater elevations were in the center of the ASR waste pile. Consistent with previous studies at the Site and surrounding areas, groundwater generally flows in a radial pattern from the raised area of the ASR waste pile and former Town of West Monroe MSW landfill.

Potentiometric surface maps based on the water level measurements from monitoring wells (screened generally between 15 to 25 feet bgs), using a 1-foot contour interval, are provided in **Figure 3-8, Figure 3-9, Figure 3-10, and Figure 3-11**.

4.6 Hydraulic Conductivity Testing

Hydraulic conductivity testing (slug testing) was completed on July 6, 2023 at seven (7) wells (FT-MW-101, FT-MW-103, FT-MW-104, MW-107, MW-109, MW-116, and MW-117) as described in Section 3.3.2. Data collected during the aquifer testing event was reduced following the Bouwer and Rice Slug Test method (Bouwer and Rice, 1976; Bouwer, 1989) using AQTESOLV Version 4.50 software. The results indicated overburden hydraulic conductivities in the overburden wells range from 2.43×10^{-3} centimeters per second (cm/sec) in well MW-109 to 4.35×10^{-6} cm/sec in well FT-MW-104, which are screened in the silty sand outwash deposits and till. **Appendix N** summarizes the hydraulic conductivity results and presents all the raw data.

4.7 Surface Water and Hydrology

The nearest surface water bodies are the NYSDEC- and USACE-regulated wetlands which are located partially on and adjacent to the north and east of the Site (**Figure 2-1**). Historically, a portion of the Site limited to the roadway had partially flooded due to beaver activity. Clemson beaver pond levelers were reportedly used to control the level of surrounding beaver impoundments and have eliminated much of the associated Site flooding. Two (2) of the devices remain functional today and are installed under the primary access road.

Threemile Creek, a NYSDEC Class C fresh surface water body, is located adjacent to the southwest corner of the parcel (**Figure 1-1**). As indicated by the NYSDEC, the best usage of Class C fresh waters is for fishing. These waters shall be suitable for fish, shellfish and wildlife propagation and survival. The water quality shall be suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes.

The parcel is located at the northern end of a peninsula surrounded by wetlands on the west, north, and east. To the west, south, and southeast, wetlands drain to Threemile Creek, and to the northeast, wetlands drain to an unnamed tributary of Scriba Creek (refer to **Figure 1-1**). As a result of these drainage patterns, there is a northwest-southeast trending groundwater divide that runs roughly parallel to these two (2) drainage sub-basins. This divide may affect groundwater flow east and downgradient of the Site monitoring well network.

4.8 Wetland Delineation Report (AECOM, 2022)

As part of the FWRIA, AECOM prepared a Wetland Delineation Report for the Fortino Tire Site dated October 2022. Two (2) wetlands were delineated on the parcel, referred to as Wetland A and Wetland B. Wetland A is a large wetland that continues off-site to the north, east, south, and west. The wetland has primarily three (3) cover types

(emergent wetlands, emergent wetlands – common reed dominated, and forested wetlands). Wetland B is located on top of the ASR waste pile. The wetland is located in a depressional area that receives sheet flow from areas of higher elevation that surround the wetland. A main access road on top of the ASR waste pile and a minor, rutted path appears to result in a pooling of surface water. The wetland soils, like the adjacent Upland soils, are very thin as the ground surface is hardpacked and capped. The wetland receives all hydrology from rainwater, which pools long enough to promote the growth of common reed, cattail, horsetail, and soft rush.

Refer to **Appendix R** for the 2022 Wetland Delineation Report prepared by AECOM.

5. Nature and Extent of Contamination

In general, samples collected during 2019 and 2020 RI were from locations outside the limits of the ASR waste pile to provide information on the nature and extent of contamination, and supplement Site information obtained during the SC and other previous investigations.

Background subsurface soil samples for metals analysis from 2021 were collected in areas adjacent to the parcel and used to evaluate exceedances of the relevant soil SCOs and adjust concentrations if needed in the case of high background metals concentrations encountered outside the ASR waste pile. Subsurface soil metal results were corrected if they were higher than the highest background result for a particular metal and the corresponding background results were above relevant criteria. Corrected numbers were obtained by subtracting the background result from the initial subsurface soil sample result and checking if the resulting value remained above the relevant criteria. The results of this correction are discussed in Section 5.2.5.

The SRI was completed in two (2) phases (Phase I and Phase II) from 2022 through 2024 to supplement data gaps from previous sampling and to characterize the ASR waste pile (with emphasis on PCB contamination) for potential future remediation. The SRI focused on sampling areas within and immediately surrounding the known limits of the ASR waste pile for VOCs, SVOCs, pesticides, PCBs, metals, cyanide, and PFAS.

The following sections discuss the analytical results of the surface water, test trench, surface and subsurface soil, and groundwater samples for the RI and SRI fieldwork. Analytical methods (USEPA methods) which were used for analysis of the RI and SRI samples grouped by sampled media are presented on **Table 3-1**.

The subsections below present a discussion of the analytical results for each media sampled. Laboratory analytical reports are included on a CD in **Appendix O**. The laboratory data collected in 2019 were reviewed by AECOM, and data collected in 2020, 2022, and 2023 were reviewed by Validata Chemical Services, Inc. of Duluth, Georgia. DUSRs were prepared by both parties in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines. All laboratory data from both the RI and SRI was found to be usable as qualified. The DUSRs are provided on a CD in **Appendix P**. All laboratory data was found to be usable with qualifications.

The RI and SRI sample results are presented in **Table 5-1A** through **Table 5-6**. Sample summaries presented in the sections below only include sample locations with one (1) or more analytes reported at concentrations above applicable standards or criteria; refer to footnotes on each table.

5.1 ASR Waste Pile Soils

ASR waste pile soils were collected from multiple different depth intervals at select locations among 72 Phase I soil boring SRI sampling locations and one (1) Phase II soil boring SRI sampling locations. Of the 73 borings advanced into the ASR waste pile, 299 intervals were sampled for PCBs and approximately 25% of the intervals (70-72 intervals) were also sampled for VOCs, SVOCs (including 1,4-dioxane), pesticides, metals (including mercury), cyanide, and PFAS. Each of the 73 borings were advanced into the native soils below visible ASR waste and a PCB sample was collected of the native soil immediately below the ASR waste; 17 of the samples collected in the native soil were also analyzed for VOCs, SVOCs (including 1,4-dioxane), pesticides, metals (including mercury), cyanide, and PFAS. Samples were collected to characterize soil and fill within the known limits of the ASR waste area as well as the native soils below the ASR waste pile.

Analyte concentrations exceeding relevant SCOs are presented in the following sections.

Soil samples with concentrations above applicable standards or criteria at the ASR Waste Pile are shown on **Figure 5-1** through **Figure 5-36** and summarized in **Table 5-1A** and **Table 5-1B**.

5.1.1 ASR Waste Pile Soils – Volatile Organic Compounds

ASR waste pile soils with VOC concentrations exceeding Unrestricted Use and Protection of Groundwater SCOs are shown on **Figure 5-1** and **Figure 5-2** respectively (there were no VOC exceedances above Residential SCOs). VOC concentration data can be found in **Table 5-1A**.

5.1.1.1 Unrestricted Use

Acetone was detected at concentrations above Unrestricted Use SCOs at the following 25 locations: SB-27, SB-34, SB-36, SB-37, SB-43, SB-46, SB-48, SB-49, SB-51, SB-53, SB-55, SB-56, SB-59, SB-61, SB-62, SB-67, SB-68, SB-69, SB-72, SB-73, SB-76, SB-77, SB-78, SB-82, and SB-84. ASR waste pile soil sample locations with VOC concentrations above Unrestricted Use SCOs are shown on **Figure 5-1**.

Acetone was detected above Unrestricted Use SCOs in five (5) samples located in the native soils below the ASR waste: SB-43 (7-8'), SB-46 (14-16'), SB-51 (9-10'), SB-61 (3-5') and SB-72 (10-12').

Methyl-ethyl-ketone was detected at concentrations above Unrestricted Use SCOs at one (1) location: SB-34 (0-2').

There were no other VOCs detected at concentrations above Unrestricted Use SCOs at any of the other ASR waste soil sample locations.

5.1.1.2 Residential Use

There were no VOCs detected at concentrations above Residential Use SCOs at any of the ASR waste soil sample locations.

5.1.1.3 Protection of Groundwater

Acetone was detected at concentrations above Protection of Groundwater SCOs at the following 25 locations: SB-27, SB-34, SB-36, SB-37, SB-43, SB-46, SB-48, SB-49, SB-51, SB-53, SB-55, SB-56, SB-59, SB-61, SB-62, SB-67, SB-68, SB-69, SB-72, SB-73, SB-76, SB-77, SB-78, SB-82, and SB-84. ASR waste pile soil sample locations with VOC concentrations above Protection of Groundwater SCOs are shown on **Figure 5-2**.

Acetone was detected above Protection of Groundwater SCOs in five (5) samples located in the native soils below the ASR waste: SB-43 (7-8'), SB-46 (14-16'), SB-51 (9-10'), SB-61 (3-5') and SB-72 (10-12').

Methyl-ethyl-ketone was detected at concentrations above Protection of Groundwater SCOs at one (1) location: SB-34 (0-2').

There were no other VOCs detected at concentrations above Protection of Groundwater SCOs at any of the other ASR waste soil sample locations.

5.1.2 ASR Waste Pile Soils – Semi-Volatile Organic Compounds

ASR waste pile soils with SVOC concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown and **Figure 5-3**, **Figure 5-4**, and **Figure 5-5** respectively. SVOC concentration data can be found in **Table 5-1A**.

5.1.2.1 Unrestricted Use

One (1) or more of the following 15 SVOC analytes were detected at concentrations above Unrestricted Use SCOs at 30 locations within the ASR waste pile: 1,4-dioxane, 2-methylnaphthalene, 3&4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, di-n-butylphthalate, di-n-octylphthalate, indeno(1,2,3-cd)pyrene, phenanthrene and phenol. The locations at which one (1) or more of these analytes were detected at concentrations above Unrestricted Use SCOs include: SB-16, SB-17, SB-19, SB-20, SB-27, SB-30, SB-32, SB-34, SB-37, SB-43, SB-46, SB-48, SB-49, SB-53, SB-55, SB-59, SB-62, SB-67, SB-68, SB-69, SB-72, SB-73, SB-74, SB-76, SB-77, SB-78, SB-79, SB-80, SB-82, and SB-84. ASR waste pile soil sample locations with SVOC concentrations above Unrestricted Use SCOs are shown on **Figure 5-3**.

Di-n-butylphthalate and phenol were detected above Unrestricted Use SCOs in one (1) sample located in the native soils below the ASR waste: SB-72 (10-12').

5.1.2.2 Residential Use

One (1) or more of the following 12 SVOC analytes were detected at concentrations above Residential Use SCOs at 22 locations within the ASR waste pile: 1,4 dioxane, 2-methylnaphthalene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluorene, bis(2-ethylhexyl)phthalate, chrysene, di-n-octylphthalate, indeno(1,2,3-cd)pyrene and phenanthrene. The locations at which one (1) or more of these analytes were detected at concentrations above Residential Use SCOs include: SB-16, SB-17, SB-19, SB-20, SB-30, SB-32, SB-46, SB-48, SB-49, SB-53, SB-55, SB-59, SB-62, SB-67, SB-69, SB-72, SB-74, SB-78, SB-79, SB-80, SB-

82, and SB-84. ASR waste pile soil sample locations with SVOC concentrations above Residential Use SCOs are shown on **Figure 5-4**.

Phenol was detected above Residential Use SCO in one (1) sample located in the native soils below the ASR waste: SB-72 (10-12').

5.1.2.3 Protection of Groundwater

One (1) or more of the following 10 SVOC analytes were detected at concentrations above Protection of Groundwater SCOs at 18 locations within the ASR waste pile: 1,4-dioxane, 3&4-methylphenol, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, di-n-butylphthalate, di-n-octylphthalate, and phenol. The locations at which one (1) or more these analyses were detected at concentrations above Protection of Groundwater SCOs include: SB-16, SB-17, SB-19, SB-30, SB-32, SB-46, SB-53, SB-55, SB-59, SB-62, SB-67, SB-68, SB-69, SB-72, SB-78, SB-80, SB-82, and SB-84. SVOC concentrations above Protection of Groundwater SCOs at these locations range in depth from 0-14 feet bgs. ASR waste pile soil sample locations with SVOC concentrations above Protection of Groundwater SCOs are shown on **Figure 5-5**.

Phenol was detected above the Protection of Groundwater SCO in one (1) sample located in the native soils below the ASR waste: SB-72 (10-12').

5.1.3 ASR Waste Pile Soils – Polychlorinated Biphenyls

Soil samples from within the ASR waste pile were collected from 298 intervals throughout the 73 SRI Phase I and Phase II boring locations (SB-14 through SB-86) and submitted for PCB analysis.

Of the 298 samples analyzed for PCBs within and below the ASR waste pile, 112 samples were greater than 50 mg/kg, 30 samples were greater than 100 mg/kg, six (6) samples were greater than 200 mg/kg, and four (4) samples were greater than 300 mg/kg with the highest concentration of 362 mg/kg at SB-46 (2-4'). Each boring was terminated below the visible ASR, and a PCB sample was collected of the native soils just below the visible ASR waste.

Of the 73 borings/samples analyzed from immediately below the visible ASR waste (i.e., native soils), 14 samples had PCB concentrations above the detection limit with concentrations ranging from 0.056 mg/kg to 2.18 mg/kg; only one (1) sample was above 0.358 mg/kg (2.18 mg/kg at SB-72 (10-12')).

Discussion of the results is included in the following sections. ASR waste pile soils with PCB concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-6**, **Figure 5-7**, and **Figure 5-8**, respectively. Total PCB concentrations within the ASR waste pile are illustrated by depth in 2-foot intervals (0-2 feet bgs through 28-30 feet bgs) on **Figure 5-9A** through **Figure 5-9O**. These figures also depict total PCB concentrations in surface soil and subsurface soil outside the ASR waste pile. PCB concentration data from the ASR waste pile can be found in **Table 5-1A**.

5.1.3.1 Unrestricted Use

Total PCBs were detected at concentrations above Unrestricted Use SCOs at 69 out of the 73 SRI Phase I and Phase II locations. Total PCBs were not detected at concentrations above Unrestricted Use SCOs at the following locations: SB-60, SB-64, SB-85, and SB-86. Total PCBs were detected at concentrations above Unrestricted Use SCOs at all remaining ASR waste pile sample locations. ASR waste pile soil sample locations with total PCB concentrations above Unrestricted Use SCOs are shown on **Figure 5-6**.

PCBs were detected above Unrestricted Use SCO in 12 samples located in the native soils below the ASR waste.

5.1.3.2 Residential Use

Total PCBs were detected at concentrations above Residential Use SCOs at 63 out of the 73 SRI Phase I and Phase II locations. Total PCBs were not detected at concentrations above Residential Use SCOs at the following locations: SB-35, SB-36, SB-42, SB-51, SB-60, SB-64, SB-69, SB-73, SB-85, and SB-86. Total PCBs were detected at concentrations above Residential Use SCOs at all remaining ASR waste pile sample locations. ASR waste pile soil sample locations with total PCB concentrations above Residential Use SCOs are shown on **Figure 5-7**.

PCBs were detected above Residential Use SCO in one (1) sample located in the native soils below the ASR waste SB-72 (10-12') at 2.18 mg/kg.

Soil sample locations where impacts do not exceed Residential Use SCOs tend to be located on or near the known limits of the ASR waste pile, indicating areas where lesser amounts of ASR waste are present.

5.1.3.3 Protection of Groundwater

Total PCBs were detected at concentrations above Protection of Groundwater SCOs at 58 out of the 73 SRI Phase I and Phase II locations. Total PCBs were not detected at concentration above Protection of Groundwater SCOs at the following locations: SB-22, SB-35, SB-36, SB-42, SB-51, SB-60, SB-61, SB-64, SB-65, SB-69, SB-73, SB-76, SB-82, SB-85, and SB-86. PCB concentrations were detected at concentrations above Protection of Groundwater SCOs at all other SRI boring locations. ASR waste pile soil sample locations with total PCB concentrations above Protection of Groundwater SCOs are shown on **Figure 5-8**.

There were no PCBs detected above Protection of Groundwater SCO in the native soils below the ASR waste.

5.1.4 ASR Waste Pile Soils – Pesticides

Soil samples from within the ASR waste area were collected from 70 intervals across 39 of 73 SRI Phase I and Phase II borings and submitted for pesticide analysis (refer to **Table 3-1**). ASR waste pile soils with pesticide concentrations exceeding Unrestricted Use and Residential Use SCOs are shown on **Figure 5-10** and **Figure 5-11**, respectively (there were no pesticide exceedances above Protection of Groundwater SCOs). Pesticide concentration data can be found in **Table 5-1A**.

5.1.4.1 Unrestricted Use

Two (2) pesticides (hexachlorobenzene and 4,4'-DDE) was detected at concentrations exceeding Unrestricted Use SCOs at SB-17 and SB-64, respectively. There were no other pesticides detected at concentrations above Unrestricted Use SCOs at any of the other ASR waste sample locations. ASR waste pile soil sample locations with pesticide concentrations above Unrestricted Use SCOs are shown on **Figure 5-10**.

5.1.4.2 Residential Use

One (1) pesticide (hexachlorobenzene) was detected at a concentration exceeding Residential Use SCOs at SB-17. There were no other pesticides detected at concentrations above Residential Use SCOs at any of the other ASR waste sample locations. ASR waste pile soil sample locations with pesticide concentrations above Residential Use SCOs are shown on **Figure 5-11**.

5.1.4.3 Protection of Groundwater

There were no pesticides detected at concentrations above Protection of Groundwater SCOs at any of the ASR waste soil sample locations.

5.1.5 ASR Waste Pile Soils – Metals

Soil samples from within the ASR waste area were collected from 72 intervals across 39 of 73 SRI Phase I and Phase II borings and submitted for metals analysis (refer to **Table 3-1**). Discussion of the results is included in the following sections. ASR waste pile soils with metals concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-12**, **Figure 5-13**, and **Figure 5-14**, respectively. Metals concentration data can be found in **Table 5-1A**.

5.1.5.1 Unrestricted Use

One (1) or more of the following 16 analytes were detected at concentrations exceeding Unrestricted Use SCOs at 39 locations within the ASR waste pile: aluminum, antimony, arsenic, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, silver, and zinc. The locations at which concentrations of one (1) or more of these analytes exceeded Unrestricted Use SCOs include: SB-16, SB-17, SB-19, SB-20, SB-27, SB-30, SB-32, SB-34, SB-36, SB-37, SB-43, SB-46, SB-48, SB-49, SB-51, SB-53, SB-55, SB-56, SB-59, SB-61, SB-62, SB-64, SB-65, SB-67, SB-68, SB-69, SB-72, SB-73, SB-74, SB-75, SB-76, SB-77, SB-78, SB-79, SB-80, SB-81, SB-82, SB-84, and SB-86. ASR waste pile soil sample locations with metal concentrations above Unrestricted Use SCOs are shown on **Figure 5-12**.

Metal concentrations above Unrestricted Use SCOs extend across the ASR waste pile. Each of the above noted analyte concentrations exceed Unrestricted SCOs in multiple locations across the area, except for manganese concentrations which only exceeds Unrestricted SCOs at SB-80. Iron was detected above Unrestricted Use SCO in the native soils below the ASR waste in 15 samples; calcium was detected in one (1) sample below the ASR waste

(SB-78 (20-22')) and lead, copper and zinc were detected in one (1) sample below the ASR waste (SB-72 (10-12')). These samples (collected from native soils below the ASR waste pile) were not corrected relative to background metals concentrations.

5.1.5.2 Residential Use

One (1) or more of the following 12 analytes were detected at concentrations exceeding Residential Use SCOs at 39 locations within the ASR waste pile: arsenic, barium, cadmium, chromium, cobalt, copper, iron, lead, mercury, nickel, silver, and zinc. The locations at which concentrations of one (1) or more of these analytes exceeded Residential Use SCOs include: SB-16, SB-17, SB-19, SB-20, SB-27, SB-30, SB-32, SB-34, SB-36, SB-37, SB-43, SB-46, SB-48, SB-49, SB-51, SB-53, SB-55, SB-56, SB-59, SB-61, SB-62, SB-64, SB-65, SB-67, SB-68, SB-69, SB-72, SB-73, SB-74, SB-75, SB-76, SB-77, SB-78, SB-79, SB-80, SB-81, SB-82, SB-84, and SB-86. ASR waste pile soil sample locations with metal concentrations above Residential Use SCOs are shown on **Figure 5-13**.

Iron was detected above Residential Use SCO in the native soils below the ASR waste in 15 samples.

Soil samples with metal concentrations above Residential Use SCOs persist across the ASR waste pile and are most likely attributed to the ASR material itself. High metals concentrations are assumed to be related to historical dumping of ASR waste on the Site.

5.1.5.3 Protection of Groundwater

One (1) or more of the following 10 analytes were detected at concentrations exceeding Protection of Groundwater SCOs at 28 locations within the ASR waste pile: arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, silver, and zinc. The locations at which concentrations of one (1) or more of these analytes exceeded Protection of Groundwater SCOs include: SB-16, SB-17, SB-19, SB-20, SB-30, SB-32, SB-34, SB-37, SB-43, SB-46, SB-48, SB-49, SB-53, SB-55, SB-59, SB-62, SB-67, SB-68, SB-72, SB-73, SB-74, SB-75, SB-76, SB-77, SB-78, SB-79, SB-80, and SB-84. ASR waste pile soil sample locations with metal concentrations above Residential Use SCOs are shown on **Figure 5-14**.

Soils with metal concentrations exceeding Protection of Groundwater SCOs are located at depths up to 14 feet bgs but exist primarily at depths from 0 to 8 feet bgs. There were no exceedances of metals above the Protection of Groundwater SCOs in the native soils below the ASR waste.

5.1.6 ASR Waste Pile Soils – Cyanide

Soil samples from within the ASR waste area were collected from 70 intervals across 39 of 73 SRI Phase I and Phase II borings and submitted for cyanide analysis (refer to **Table 3-1**). There were no cyanide concentrations detected above Unrestricted, Residential or Protection of Groundwater SCOs.

5.1.7 ASR Waste Pile Soils – PFAS Compounds

Soil samples from within the ASR waste area were collected from 72 intervals across 39 of 73 SRI Phase I and Phase II borings and submitted for PFAS analysis (refer to **Table 3-1**). Discussion of the results is included in the following sections.

ASR waste pile soils with PFAS concentrations (i.e., perfluorooctanesulfonic acid [PFOS] and perfluorooctanoic acid [PFOA]) exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-15**, **Figure 5-16**, and **Figure 5-17**, respectively. PFAS concentration data can be found in **Table 5-1B**. **Figure 5-18** shows total PFAS concentrations at each location; note there are no total PFAS SCOs established at this time.

5.1.7.1 Unrestricted Use

PFOS and/or PFOA were detected at concentrations above Unrestricted Use SCOs at 37 locations within the ASR waste pile. The locations at which PFOS and/or PFOA were detected at concentrations above Unrestricted Use SCOs include: SB-16, SB-17, SB-19, SB-20, SB-27, SB-30, SB-32, SB-34, SB-36, SB-37, SB-43, SB-46, SB-48, SB-49, SB-53, SB-55, SB-56, SB-59, SB-61, SB-62, SB-64, SB-67, SB-68, SB-69, SB-72, SB-73, SB-74, SB-75, SB-76, SB-77, SB-78, SB-79, SB-80, SB-81, SB-82, SB-84, and SB-86. ASR waste pile soil sample locations with PFAS concentrations above Unrestricted Use SCOs are shown on **Figure 5-15**.

PFAS concentrations exceeding Unrestricted Use SCOs are ubiquitous across the ASR waste pile. There was one (1) detection of PFOA above Unrestricted Use SCOs in the native soils below the ASR waste at SB-61 (3-5') (2.3 ug/kg)

and one (1) detection of PFOS above Unrestricted Use SCOs in the native soils below the ASR waste at SB-81 (1-1.5') (8.0 ug/kg).

5.1.7.2 Residential Use

PFOS was detected at concentrations above Residential Use SCOs at 26 locations within the ASR waste pile. The locations at which PFOS and/or PFOA were detected at concentrations above Residential Use SCOs include: SB-16, SB-17, SB-19, SB-20, SB-27, SB-30, SB-32, SB-34, SB-36, SB-37, SB-46, SB-48, SB-49, SB-53, SB-55, SB-59, SB-62, SB-67, SB-68, SB-72, SB-75, SB-76, SB-78, SB-79, SB-80, and SB-84. There were no detection of PFOS or PFOA above Residential Use SCOs in the native soils below the ASR waste. ASR waste pile soil sample locations with PFAS concentrations above Residential Use SCOs are shown on **Figure 5-16**.

PFAS concentrations exceeding Residential Use SCOs are ubiquitous across the Site. Nine (9) of the 13 locations with PFAS concentrations that do not exceed these SCOs are located within 20 feet of the limits of the ASR waste pile, suggesting that at least some of the PFAS contamination is associated with the ASR waste.

5.1.7.3 Protection of Groundwater

PFOS and/or PFOA were detected at concentrations above Protection of Groundwater SCOs at 37 locations within the ASR waste pile. The locations at which PFOS and/or PFOA were detected at concentrations above Protection of Groundwater SCOs include: SB-16, SB-17, SB-19, SB-20, SB-27, SB-30, SB-32, SB-34, SB-36, SB-37, SB-43, SB-46, SB-48, SB-49, SB-53, SB-55, SB-56, SB-59, SB-61, SB-62, SB-64, SB-67, SB-68, SB-69, SB-72, SB-73, SB-74, SB-75, SB-76, SB-77, SB-78, SB-79, SB-80, SB-81, SB-82, SB-84, and SB-86. ASR waste pile soil sample locations with PFAS concentrations above Protection of Groundwater SCOs are shown on **Figure 5-17**.

There was one (1) detection PFOS above Protection of Groundwater SCOs in the native soils below the ASR waste at SB-81 (1-1.5') (8.0 ug/kg).

5.2 Non-ASR Waste Pile Subsurface Soils

Soil samples from outside the ASR waste pile were collected from 55 discrete depth intervals at 35 locations for laboratory analysis (TT-01 through TT-15, SB-01 through SB-12, and SB-107 through SB-114). Both test trench and soil borings were completed to delineate and characterize soils surrounding the ASR waste pile.

Analyte concentrations exceeding relevant SCOs are presented in the following sections.

5.2.1 Non-ASR Waste Pile Subsurface Soils – Volatile Organic Compounds

Soils from outside the ASR waste pile were collected from 55 discrete depth intervals at 35 test trenches and borings (TT-01 through TT-015, SB-01 through SB-12, and SB-107 through SB-114) and submitted for VOC analysis. Discussion of the results is included in the following sections. Subsurface soils with VOC concentrations exceeding Unrestricted Use and Protection of Groundwater SCOs are shown on **Figure 5-19** and **Figure 5-20** respectively; there were no VOC exceedances above Residential SCOs. VOC concentration data for non-ASR waste pile subsurface soils can be found in **Table 5-2A**.

5.2.1.1 Unrestricted Use

Acetone was detected at concentrations above Unrestricted Use SCOs at the following four (4) locations: TT-01, TT-03, TT-11, and SB-06. There were no other VOCs detected at concentration above Unrestricted Use SCOs at any of the other sample locations outside of the ASR waste pile. Soil sample locations outside of the ASR waste pile with VOC concentrations above Unrestricted Use SCOs are shown on **Figure 5-19**.

5.2.1.2 Residential Use

There were no VOCs detected at concentrations above Residential Use SCOs at any of the locations outside of the ASR waste pile.

5.2.1.3 Protection of Groundwater

Acetone was detected at concentrations above Protection of Groundwater SCOs at the following four (4) locations: TT-01, TT-03, TT-11, and SB-06. There were no other VOCs detected above Protection of Groundwater SCOs at any of the other sample locations outside of the ASR waste pile. Soil sample locations outside of the ASR waste pile with VOC concentrations above Protection of Groundwater SCOs are shown on **Figure 5-20**.

5.2.2 Non-ASR Waste Pile Subsurface Soils – Semi-Volatile Organic Compounds

Soils from outside the ASR waste pile were collected from 56 discrete depth intervals at 35 test trenches and borings (TT-01 through TT-015, SB-01 through SB-12, and SB-107 through SB-114) and submitted for SVOC analysis. Discussion of the results is included in the following sections. ASR waste pile soils with SVOC concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-21**, **Figure 5-22**, and **Figure 5-23**, respectively. SVOC concentration data can be found in **Table 5-2A**.

5.2.2.1 Unrestricted Use

One (1) or more of the following 24 SVOC analytes were detected at concentrations above Unrestricted Use SCOs at seven (7) locations outside of the ASR waste pile: 1,1'-biphenyl, 2-methylnaphthalene, 2-methylphenol (o-cresol), 4-methylphenol (p-cresol), acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, dibenz(a,h)anthracene, dibenzofuran, di-n-butylphthalate, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, phenol, and pyrene. The locations at which one (1) or more of these analytes were detected at concentrations above Unrestricted Use SCOs include: SB-04, SB-05, SB-06, SB-08, SB-12, SB-112, and TT-12. Soil sample locations from outside the ASR waste pile with SVOC concentrations above Residential Use are shown on **Figure 5-21**.

5.2.2.2 Residential Use

One (1) or more of the following 19 SVOC analytes were detected at concentrations above Residential Use SVOCs at three (3) locations outside of the ASR waste pile: 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene. The locations at which one (1) or more of these analytes were detected at concentrations above Residential Use SCOs are SB-04, SB-08, and SB-112. Soil sample locations from outside the ASR waste pile with SVOC concentrations above Residential Use SCOs are shown on **Figure 5-22**.

5.2.2.3 Protection of Groundwater

One (1) or more of the following 18 SVOC analytes were detected at concentrations above Protection of Groundwater SCOs at two (2) locations outside of the ASR waste pile: 2-methylnaphthalene, 2-methylphenol (o-cresol), 4-methylphenol (p-cresol), acenaphthene, , anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, phenol, and pyrene. The locations at which one (1) or more of these analytes were detected at concentrations above Protection of Groundwater SCOs are SB-08, and SB-112. Soil sample locations from outside the ASR waste pile with SVOC concentrations above Protection of groundwater SCOs are shown on **Figure 5-23**.

5.2.3 Non-ASR Waste Pile Subsurface Soils – Polychlorinated Biphenyls

Soils from outside the ASR waste pile were collected from 56 discrete depth intervals at 35 test trenches and borings (TT-01 through TT-015, SB-01 through SB-12, and SB-107 through SB-114) and submitted for PCBs analysis. Discussion of the results is included in the following sections. ASR waste pile soils with total PCB concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-24**, **Figure 5-25**, and **Figure 5-26**, respectively. Subsurface soil total PCB concentrations from outside the ASR waste pile footprint across 2-foot depth intervals (0-2 feet bgs through 28-30 feet bgs) are illustrated on **Figure 5-9A** through **Figure 5-9O**. These figures also include total PCB concentrations from within the ASR waste pile and in surface soil. Subsurface PCB concentration data can be found in **Table 5-2A**.

5.2.3.1 Unrestricted Use

Total PCBs were detected at concentrations above Unrestricted Use SCOs at five (5) out of the 35 sample locations. Total PCBs were detected at the following locations: TT-12, TT-14, SB-02, SB-04, and SB-08. Soil sample locations from outside the ASR waste pile with total PCB concentrations above Unrestricted Use SCOs are shown on **Figure 5-24**.

Outside of SB-08, which is located 60 feet south of the inferred limits of the ASR waste pile, the remaining locations where total PCBs were detected above Unrestricted Use SCOs are all within 20 feet of the ASR waste pile. This spatial distribution of Unrestricted Use SCO exceedances indicates that PCB contamination is associated with refuse within the ASR waste pile.

5.2.3.2 Residential Use

Total PCBs were detected at concentrations above Residential Use SCOs at one (1) out of the 35 sample locations located beyond the limits of the ASR Waste Pile. Total PCBs were detected at the following location: SB-04. Soil sample locations from outside the ASR waste pile with total PCB concentrations above Residential Use SCOs are shown on **Figure 5-25**.

The SB-04 location is the sampling location in closest proximity to the ASR waste pile. This indicates that PCB contamination associated with ASR waste has only migrated slightly beyond the ASR waste pile.

5.2.3.3 Protection of Groundwater

Total PCBs were detected at concentrations above Protection of Groundwater SCOs at one (1) out of the 35 sample locations. Total PCBs were detected at the following location: SB-04 (1-3'). Soil sample locations from outside the ASR waste pile with total PCB concentrations above Residential Use SCOs are shown on **Figure 5-26**.

5.2.4 Non-ASR Pile Subsurface Soils – Pesticides

Soil samples from outside the ASR waste pile were collected from 55 discrete depth intervals at 35 test trenches and borings (TT-01 through TT-015, SB-01 through SB-12, and SB-107 through SB-114) and submitted for pesticides analysis. Discussion of the results is included in the following sections. ASR waste pile soils with pesticide concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-27**, **Figure 5-28**, and **Figure 5-29**, respectively. Pesticide concentration data can be found in **Table 5-2A**.

5.2.4.1 Unrestricted Use

One (1) or more of the following pesticides were detected at concentrations above Unrestricted Use SCOs at five (5) out of the 35 sample locations outside of the ASR waste pile: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-BHC, endrin, and heptachlor. The locations at which one (1) or more of these analytes were detected at concentrations above Unrestricted Use SCOs include: TT-12, TT-14, SB-02, SB-04, and SB-08. Soil sample locations from outside the ASR waste pile with pesticide concentrations above Unrestricted Use SCOs are shown on **Figure 5-27**.

Sample locations with exceedances of Unrestricted Use SCOs are co-located with total PCB exceedances. It is possible that pesticides were used to control nuisance insect populations like mosquitoes during this historical use of the Site as a tire dumping facility.

5.2.4.2 Residential Use

The pesticides 4,4'-DDT, alpha-BHC and heptachlor were detected at concentrations above Residential Use SCOs at one (1) of the 35 sample locations. The locations of these three (3) detections are at SB-04. Soil sample locations from outside the ASR waste pile with pesticide concentrations above Residential Use SCOs are shown on **Figure 5-28**.

5.2.4.3 Protection of Groundwater

The pesticides alpha-BHC and endrin were detected at concentrations above Protection of Groundwater SCOs at two (2) of the 35 sample locations. The locations of these two (2) detections are SB-04 and SB-08. Soil sample locations from outside the ASR waste pile with pesticide concentrations above Protection of Groundwater SCOs are shown on **Figure 5-29**.

5.2.5 Non-ASR Waste Pile Subsurface Soils – Metals

Soils from outside the ASR waste pile were collected from 56 discrete depth intervals at 35 test trenches and borings (TT-01 through TT-015, SB-01 through SB-12, and SB-107 through SB-114) and submitted for metals analysis. Considering the naturally occurring high concentrations of certain metals in soil in the vicinity of the Site, the results of metals analysis on soil samples outside of the ASR waste pile were corrected to account for concentrations in native soil. As described in Section 3.4, three (3) background soil samples were collected in May 2021 and analyzed for metals only. Per discussions with NYSDEC, subsurface soil metal results were corrected if they were higher than the highest background result for a particular metal and that background result was above relevant criteria. The results of metals analysis outside of the ASR waste pile are presented as adjusted based on background results, by subtracting the highest background concentration from the sampled concentration. Note metals analytical data within the ASR waste pile were not corrected. Adjusted analyte concentration data from soil samples were compared to Unrestricted Use, Residential Use, and Protection of Groundwater SCOs. Discussion of these results is included in the following sections. Subsurface soil with metals concentrations exceeding Unrestricted Use, Residential Use, and Protection of

Groundwater SCOs are shown on **Figure 5-30**, **Figure 5-31**, and **Figure 5-32**, respectively. Metal concentration data can be found in **Table 5-2A**, and adjusted metal concentration data can be found in **Table 5-2B**.

5.2.5.1 Unrestricted Use

One (1) or more of the following 16 analytes were detected at adjusted concentrations exceeding Unrestricted Use SCOs at 6 locations outside of the ASR waste pile: aluminum, antimony, arsenic, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, mercury, nickel, selenium, silver, and zinc. The locations at which adjusted concentrations of one (1) or more of these analytes exceeded Unrestricted Use SCOs include: TT-01, TT-03, TT-12, SB-04, SB-08, and SB-107. Sample locations from outside of the ASR waste pile with adjusted metal concentrations above Unrestricted Use SCOs are shown on **Figure 5-30**.

5.2.5.2 Residential Use

One (1) or more of the following 11 analytes were detected at adjusted concentrations exceeding Residential Use SCOs at four (4) locations outside of the ASR waste pile: arsenic, barium, cadmium, chromium, cobalt, copper, iron, lead, mercury, nickel, and zinc. The locations at which adjusted concentrations of one (1) or more of these analytes exceeded Residential Use SCOs include: TT-01, TT-03, SB-04, and SB-08. Sample locations from outside of the ASR waste pile with adjusted metal concentrations above Residential Use SCOs are shown on **Figure 5-31**.

5.2.5.3 Protection of Groundwater

One (1) or more of the following 10 analytes were detected at concentrations exceeding Protection of Groundwater SCOs at three (3) locations outside of the ASR waste pile: arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, and zinc. The locations at which adjusted concentrations of one (1) or more of these analytes exceeded Residential Use SCOs include: TT-03, SB-04, and SB-08. Sample locations from outside of the ASR waste pile with adjusted metal concentrations above Protection of Groundwater SCOs are shown on **Figure 5-32**.

5.2.6 Non-ASR Waste Pile Subsurface Soils – Cyanide

Soils from outside the ASR waste pile were collected from 55 discrete depth intervals at 35 test trenches and borings (TT-01 through TT-015, SB-01 through SB-12, and SB-107 through SB-114) and submitted for cyanide analysis. No subsurface soil concentrations of cyanide exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs.

5.2.7 Non-ASR-Pile Subsurface Soils – PFAS Compounds

Soils from outside the ASR waste pile were collected from 55 discrete depth intervals at 35 test trenches and borings (TT-01 through TT-015, SB-01 through SB-12, and SB-107 through SB-114) and submitted for PFAS analysis. Discussion of the results is included in the following sections. Subsurface soils with PFAS concentrations (i.e., PFOS and PFOA) exceeding Unrestricted Use, Residential Use and Protection of Groundwater SCOs are shown on **Figure 5-33**, **Figure 5-34** and **Figure 5-35** respectively. PFAS concentration data can be found in **Table 5-2C**. **Figure 5-36** shows total PFAS concentrations at each location. Note that there are no total PFAS SCOs established at this time.

5.2.7.1 Unrestricted Use

PFOS and/or PFOA were detected at concentrations above Unrestricted Use SCOs at two (2) locations outside of the ASR waste pile. PFOS and PFOA were detected at concentrations above Unrestricted Use SCOs at SB-04, and PFOS was detected at a concentration above Unrestricted Use SCOs at SB-06. These two (2) locations fall the closest to the known limits of the ASR waste pile, indicating PFAS exceedances are likely attributed to the waste. Sample locations from outside of the ASR waste pile with PFAS concentrations above Unrestricted Use SCOs are shown on **Figure 5-33**.

5.2.7.2 Residential Use

PFOS was detected at concentrations above Residential Use SCOs at one (1) location outside of the ASR waste pile: SB-04. Sample locations from outside of the ASR waste pile with PFAS concentrations above Residential Use SCOs are shown on **Figure 5-34**.

5.2.7.3 Protection of Groundwater

PFOS and/or PFOA were detected at concentrations above Protection of Groundwater SCOs at two (2) locations outside of the ASR waste pile. PFOS and PFOA were detected at concentrations above Protection of Groundwater SCOs at SB-04, and PFOS was detected at a concentration above Protection of Groundwater SCOs at SB-06.

Sample locations from outside of the ASR waste pile with PFAS concentrations above Residential Use SCOs are shown on **Figure 5-35**.

5.3 Non-ASR Waste Pile Surface Soils Sample Results

199 Surface soil samples were collected from multiple intervals between 0 and 2 feet bgs at 50 locations north and east of the ASR waste pile (SD-01 through SD-12, and SD-17 through SD-52, SD-03R and SD-05R; i.e., Wetland area) and 43 locations south of the ASR waste pile (SS-01 through SS-41, SS-05R and SS-07R; i.e., Upland area) between the RI and SRI Phase I and Phase II events. As described in Section 3.1, the original scope of work identified sediment sampling locations immediately adjacent to the ASR waste pile. However, on March 26, 2024, representatives from the NYSDEC Fish and Wildlife team determined that samples SD-01 through SD-12, and SD-17 through SD-52, including SD-03R and SD-05R, which were originally deemed sediment samples, should be considered surface soil samples and are evaluated as such herein. Sediment was determined not to be present in the area of concern. Sampling locations SD-13 through SD-16 were considered sediment samples at the time of collection as they were below standing water, and are described in Section 5.4.

Analyte concentrations exceeding relevant SCOs are presented in the following sections.

5.3.1 Non-ASR-Pile Surface Soils – Volatile Organic Compounds

146 surface soil samples were collected from the Wetland and Upland areas between the RI and SRI Phase I and Phase II events and submitted for VOC analysis. Discussion of the results is included in the following sections. Surface soils with VOC concentrations exceeding Unrestricted Use and Protection of Groundwater SCOs are shown on **Figure 5-37A**, **Figure 5-37B**, **Figure 5-38A**, and **Figure 5-38B**; there were no VOC exceedances above Residential Use SCOs. Surface soil VOC concentration data can be found in **Table 5-3A**.

5.3.1.1 Unrestricted Use

Acetone was detected at concentrations above Unrestricted Use SCOs at the following 41 surface soil locations in 146 samples: SD-02, SD-03R, SD-05R, SD-17, SD-18, SD-19, SD-20, SD-21, SD-22, SD-24, SD-25, SD-26, SD-28, SD-29, SD-30, SD-31, SD-32, SD-33, SD-34, SD-35, SD-36, SD-37, SD-38, SD-39, SS-05R, SS-07R, SS-16, SS-17, SS-18, SS-19, SS-21, SS-22, SS-23, SS-24, SS-25, SS-26, SS-27, SS-28, SS-29, SS-30, and SS-31.. There were no other VOCs detected at concentrations above Unrestricted Use SCOs at any of the other surface soil sample locations. Surface soil sample locations with VOC concentrations above Unrestricted Use SCOs are shown on **Figure 5-37A** and **Figure 5-37B**.

5.3.1.2 Residential Use

There were no VOCs detected at concentrations above Residential Use SCOs at any of the surface soil sample locations.

5.3.1.3 Protection of Groundwater

Acetone was detected at concentrations above Protection of Groundwater SCOs at the following 41 surface soil locations in 146 samples: SD-02, SD-03R, SD-05R, SD-17, SD-18, SD-19, SD-20, SD-21, SD-22, SD-24, SD-25, SD-26, SD-28, SD-29, SD-30, SD-31, SD-32, SD-33, SD-34, SD-35, SD-36, SD-37, SD-38, SD-39, SS-05R, SS-07R, SS-16, SS-17, SS-18, SS-19, SS-21, SS-22, SS-23, SS-24, SS-25, SS-26, SS-27, SS-28, SS-29, SS-30, and SS-31. There were no other VOCs detected at concentrations above Protection of Groundwater SCOs at any of the other surface soil sample locations. Surface soil sample locations with VOC concentrations above Protection of Groundwater SCOs are shown on **Figure 5-38A** and **Figure 5-38B**.

5.3.2 Non-ASR-Pile Surface Soils – Semi-Volatile Organic Compounds

168 surface soil samples were collected from the Wetland and Upland areas between the RI, and SRI Phase I and Phase II events and submitted for SVOC analysis. Discussion of the results is included in the following sections. Surface soils with SVOC concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-39A**, **Figure 5-39B**, **Figure 5-40A**, **Figure 5-40B**, **Figure 5-41A**, and **Figure 5-41B**. Surface soil SVOC concentration data can be found in **Table 5-3A**.

5.3.2.1 Unrestricted Use

One (1) or more of the following 27 SVOC analytes were detected at concentrations above Unrestricted Use SCOs at 34 surface soil locations in 168 samples: 1,4-dioxane, 2-methylnaphthalene, , 3&4-methylphenol, 3-niotranaline, 4-

chloroaniline, 4-methylphenol, acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, dibenz(a,h)anthracene, dibenzofuran, di-n-butylphthalate, di-n-octylphthalate, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, phenol, and pyrene. The locations at which one (1) or more of these analytes were detected at concentrations above Unrestricted Use SCOs include: SD-01, SD-02, SD-03, SD-18, SD-19, SD-20, SD-22, SD-24, SD-28, SD-39, SS-02, SS-05, SS-06, SS-07, SS-07R, SS-08, SS-10, SS-13, SS-14, SS-16, SS-17, SS-21, SS-23, SS-24, SS-25, SS-26, SS-27, SS-28, SS-35, SS-36, SS-37, SS-38, SS-39, and SS-40. Surface soil sample locations with SVOC concentrations above Unrestricted Use SCOs are shown on **Figure 5-39A** and **Figure 5-39B**.

In the Wetland area, seven (7) of the nine (9) locations where SVOC exceedances were identified are located within 40 feet of the known limits of the ASR waste pile.

5.3.2.2 Residential Use

One (1) or more of the following 16 SVOC analytes were detected at concentrations above Residential Use SCOs at 23 surface soil locations in 168 samples: 2-methylnaphthalene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, dibenz(a,h)anthracene, dibenzofuran, di-n-octylphthalate, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene. The locations at which one (1) or more of these analytes were detected at concentrations above Residential Use SCOs include: SD-01, SD-03, SD-20, SD-24, SS-06, SS-07, SS-07R, SS-08, SS-13, SS-14, SS-16, SS-17, SS-23, SS-24, SS-25, SS-26, SS-27, SS-35, SS-36, SS-37, SS-38, SS-39, and SS-40. Surface soil sample locations with SVOC concentrations above Residential Use SCOs are shown on **Figure 5-40A** and **Figure 5-40B**.

5.3.2.3 Protection of Groundwater

One (1) or more of the following 16 SVOC analytes were detected at concentrations above Protection of Groundwater SCOs at 20 surface soil locations in 168 samples: 1,4-dioxane, 2-methylnaphthalene, 3&4-methylphenol, 3-nitroaniline, 4-chloroaniline, 4-methylphenol (p-cresol), benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, di-n-octylphthalate, indeno(1,2,3-cd)pyrene, naphthalene, and phenol. The locations at which one (1) or more of these analytes were detected at concentrations above Protection of Groundwater SCOs include: SD-01, SD-02, SD-19, SD-24, SS-06, SS-07, SS-07R, SS-08, SS-13, SS-14, SS-23, SS-24, SS-25, SS-26, SS-27, SS-35, SS-36, SS-37, SS-38, and SS-39. Surface soil sample locations with SVOC concentrations above Protection of Groundwater SCOs are shown on **Figure 5-41A** and **Figure 5-41B**.

5.3.3 Non-ASR-Pile Surface Soils – Polychlorinated Biphenyls

185 surface soil samples were collected from multiple intervals in the Wetland and Upland area between the RI, and SRI Phase I and Phase II events and submitted for PCB analysis. Discussion of the results is included in the following sections. Surface soils with total PCB concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-42A**, **Figure 5-42B**, **Figure 5-43A**, **Figure 5-43B**, **Figure 5-44A** and **Figure 5-44B**. Surface soil total PCB concentrations from outside the ASR waste pile footprint in ground surface to 2-foot bgs interval are illustrated on **Figure 5-9A**. Surface PCB concentration data can be found in **Table 5-3A**.

5.3.3.1 Unrestricted Use

Total PCBs were detected at concentrations above Unrestricted Use SCOs at 15 locations in the Wetland area and 33 locations in the Upland area. PCB contamination is focused in the area in the Upland area, where waste handling is assumed to have occurred historically, as opposed to the northern Wetland area, which is subject to impacts from erosion of impacted material off the ASR waste pile. Surface soil sample locations with total PCB concentrations above Unrestricted Use SCOs are shown on **Figure 5-42A** and **Figure 5-42B**.

5.3.3.2 Residential Use

Total PCBs were detected at concentrations above Residential Use SCOs at nine (9) locations in the Wetland area and 17 locations in the Upland area. PCBs were most commonly identified as Aroclor 1254 but were sometimes identified as a combination of Aroclor 1254, Aroclor 1260, and either Aroclor 1242 or Aroclor 1248. Surface soil sample locations with total PCB concentrations above Residential Use SCOs are shown on **Figure 5-43A** and **Figure 5-43B**.

5.3.3.3 Protection of Groundwater

Total PCBs were detected at concentrations above Protection of Groundwater SCOs at eight (8) locations in the Wetland area and four (4) locations in the Upland area. Surface soil sample locations with total PCB concentrations above Protection of Groundwater SCOs are shown on **Figure 5-44A** and **Figure 5-44B**.

5.3.4 Non-ASR-Pile Surface Soils – Pesticides

Surface soil samples were collected from 146 locations in the Wetland and Upland area between the RI, and SRI Phase I and Phase II events and submitted for pesticide analysis. Discussion of the results is included in the following sections. Surface soils with total pesticide concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-45A**, **Figure 5-45B**, **Figure 5-46A**, **Figure 5-46B**, **Figure 5-47A**, and **Figure 5-47B**. Surface soil SVOC concentration data can be found in **Table 5-3A**.

5.3.4.1 Unrestricted Use

One (1) or more of the following pesticides were detected at concentrations above Unrestricted Use SCOs at 13 locations in the Wetland area, and 14 locations in the Upland area: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, aldrin, beta-BHC, dieldrin, and heptachlor. The locations at which one (1) or more of these analytes were detected at concentrations above Unrestricted Use SCOs include: SD-01, SD-03, SD-05, SD-06, SD-09, SD-10, SD-12, SD-17, SD-19, SD-23, SD-26, SD-34, SD-36, SD-38, SS-02, SS-03, SS-05, SS-06, SS-07, SS-08, SS-09, SS-10, SS-11, SS-13, SS-14, SS-15, and SS-29. Surface soil sample locations with pesticide concentrations above Unrestricted Use SCOs are shown on **Figure 5-45A** and **Figure 5-45B**.

Pesticide exceedances are located near either the adjacent MSW landfill or ASR waste pile.

5.3.4.2 Residential Use

One (1) or more of the following pesticides were detected at concentrations above Residential Use SCOs at three (3) locations in the Wetland area, and four (4) locations in the Upland area: aldrin, beta-BHC, and dieldrin. The locations at which one (1) or more of these analytes were detected at concentrations above Residential Use SCOs include: SD-01, SD-03, SD-05, SS-03, SS-05, SS-06, and SS-07. Surface soil sample locations with pesticide concentrations above Residential Use SCOs are shown on **Figure 5-46A** and **Figure 5-46B**.

5.3.4.3 Protection of Groundwater

One (1) or more of the following pesticides were detected at concentrations above Protection of Groundwater SCOs at two (2) locations in the Wetland area, and one (1) location in the Upland area: aldrin, and dieldrin. The locations at which one (1) or more of these analytes were detected at concentrations above Protection of Groundwater SCOs include: SD-01, SD-03, and SS-05. Surface soil sample locations with pesticide concentrations above Protection of Groundwater SCOs are shown on **Figure 5-47A** and **Figure 5-47B**.

5.3.5 Non-ASR-Pile Surface Soils – Herbicides

Surface soil samples were collected from six (6) RI sampling locations (SS-01 through SS-06) and submitted herbicides analysis. There were no herbicides detected above the laboratory method detection limit at any of the surface soil sample locations. Surface soil samples were not collected for herbicides analysis as part of the SRI.

5.3.6 Non-ASR-Pile Surface Soils – Metals

Surface soils were collected from 200 locations in the Wetland and Upland area between the RI and SRI Phase I and Phase II events and submitted for metals analysis. Discussion of the results is included in the following sections. Surface soils with metal concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-48A**, **Figure 5-48B**, **Figure 5-49A**, **Figure 5-49B**, **Figure 5-50A**, and **Figure 5-50B**. Surface soil SVOC concentration data can be found in **Table 5-3A**.

5.3.6.1 Unrestricted Use

One (1) or more of the following metals were detected at concentrations above Unrestricted Use SCOs at 49 locations in the Wetland area and 42 locations in the Upland area: aluminum, antimony, arsenic, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, silver, thallium, vanadium, and zinc. The locations at which one (1) or more of these analytes were detected at concentrations above Unrestricted Use SCOs include: SD-01, SD-02, SD-03, SD-03R, SD-04, SD-05, SD-05R, SD-06, SD-07, SD-09, SD-10, SD-11, SD-12, SD-17, SD-18, SD-19, SD-20, SD-21, SD-22, SD-23, SD-24, SD-25, SD-26, SD-27, SD-28, SD-29, SD-30,

SD-31, SD-32, SD-33, SD-34, SD-35, SD-36, SD-37, SD-38, SD-39, SD-40, SD-41, SD-42, SD-43, SD-44, SD-45, SD-46, SD-47, SD-48, SD-49, SD-50, SD-51, SD-52, SS-01, SS-02, SS-03, SS-04, SS-05, SS-05R, SS-06, SS-07, SS-07R, SS-08, SS-09, SS-10, SS-11, SS-12, SS-13, SS-14, SS-15, SS-16, SS-17, SS-18, SS-19, SS-20, SS-21, SS-22, SS-23, SS-24, SS-25, SS-26, SS-27, SS-28, SS-29, SS-30, SS-31, SS-32, SS-33, SS-34, SS-35, SS-36, SS-37, SS-38, SS-39, and SS-40. Surface soil sample locations with metal concentrations above Unrestricted Use SCOs are shown on **Figure 5-48A** and **Figure 5-48B**.

5.3.6.2 Residential Use

One (1) or more of the following metals were detected at concentrations above Residential Use SCOs at 49 locations in the Wetland area and 42 locations in the Upland area: arsenic, barium, cadmium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, and zinc. The locations at which one (1) or more of these analytes were detected at concentrations above Unrestricted Use SCOs include: SD-01, SD-02, SD-03, SD-03R, SD-04, SD-05, SD-05R, SD-06, SD-07, SD-09, SD-10, SD-11, SD-12, SD-17, SD-18, SD-19, SD-20, SD-21, SD-22, SD-23, SD-24, SD-25, SD-26, SD-27, SD-28, SD-29, SD-30, SD-31, SD-32, SD-33, SD-34, SD-35, SD-36, SD-37, SD-38, SD-39, SD-40, SD-41, SD-42, SD-43, SD-44, SD-45, SD-46, SD-47, SD-48, SD-49, SD-50, SD-51, SD-52, SS-01, SS-02, SS-03, SS-04, SS-05, SS-05R, SS-06, SS-07, SS-07R, SS-08, SS-09, SS-10, SS-11, SS-12, SS-13, SS-14, SS-15, SS-16, SS-17, SS-18, SS-19, SS-20, SS-21, SS-22, SS-23, SS-24, SS-25, SS-26, SS-27, SS-28, SS-29, SS-30, SS-31, SS-32, SS-33, SS-34, SS-35, SS-36, SS-37, SS-38, SS-39 and SS-40. Surface soil sample locations with metal concentrations above Residential Use SCOs are shown on **Figure 5-49A** and **Figure 5-49B**.

5.3.6.3 Protection of Groundwater

One (1) or more of the following metals were detected at concentrations above Protection of Groundwater SCOs at 21 locations in the Wetland area and eight (8) locations in the Upland area: arsenic, barium, cadmium, chromium, copper, lead, manganese, mercury, nickel, selenium, and zinc. The locations at which one (1) or more of these analytes were detected at concentrations above Protection of Groundwater SCOs include: SD-01, SD-03, SD-03R, SD-04, SD-05, SD-06, SD-12, SD-17, SD-18, SD-19, SD-20, SD-21, SD-22, SD-23, SD-24, SD-26, SD-28, SD-29, SD-34, SD-39, SD-47, SS-04, SS-05, SS-06, SS-18, SS-23, SS-26, SS-35, and SS-38. Surface soil sample locations with metal concentrations above Protection of Groundwater SCOs are shown on **Figure 5-50A** and **Figure 5-50B**.

5.3.7 Non-ASR-Pile Surface Soils – Cyanide

Surface soil samples were collected from 146 locations in the Wetland and Upland area between the RI and SRI Phase I and Phase II events and submitted for cyanide analysis. Cyanide was not detected above applicable SCOs.

5.3.8 Non-ASR-Pile Surface Soils – PFAS Compounds

Surface soil samples were collected from multiple intervals at select points across 47 locations in the Wetland area (SD-01 through SD-52 excluding SD-11 through SD-16 and SD-39) and 46 locations in the Upland area (SD-11, SD-12, SD-39, SS-01 through SS-41) between the RI, and SRI Phase I and Phase II events and submitted for PFAS analysis. Discussion of the results is included in the following sections. Surface soils with PFAS (i.e., PFOS and PFOA) concentrations exceeding Unrestricted Use, Residential Use, and Protection of Groundwater SCOs are shown on **Figure 5-51A**, **Figure 5-51B**, **Figure 5-52A**, **Figure 5-52B**, **Figure 5-53A**, and **Figure 5-53B**. PFAS concentration data can be found in **Table 5-3B**. **Figure 5-54A** and **Figure 5-54B** shows total PFAS concentrations at each location; note there are no total PFAS SCO established at this time.

5.3.8.1 Unrestricted Use

PFOS and/or PFOA were detected at concentrations above Unrestricted Use SCOs at 47 locations in the Wetland area, and 31 locations in the Upland area. PFAS concentrations are highest near the southwestern edge of the ASR waste pile where the MSW landfill is adjacent to the ASR waste pile. Surface soil sample locations with PFAS concentrations above Unrestricted Use SCOs are shown on **Figure 5-51A** and **Figure 5-51B**.

5.3.8.2 Residential Use

PFOS was detected at concentrations above Residential Use SCOs at 25 locations in the Wetland area, and three (3) locations in the Upland area. Surface soil sample locations with PFAS concentrations above Residential Use SCOs are shown on **Figure 5-52A** and **Figure 5-52B**.

5.3.8.3 Protection of Groundwater

PFOS and/or PFOA were detected at concentrations above Protection of Groundwater SCOs at 31 locations in the Upland area, and 47 locations in the Wetland area. Surface soil sample locations with PFAS concentrations above Protection of Groundwater SCOs are shown on **Figure 5-53A** and **Figure 5-53B**.

5.4 Sediment Sample Results

Four (4) sediment samples were collected from 0 and 0.5 feet bgs at four (4) locations located southwest of the ASR waste pile (SD-13 through SD-16) during the RI Phase I event.

Analyte concentrations exceeding relevant SCOs are presented in the following sections.

5.4.1 Sediment – Volatile Organic Compounds

Four (4) sediment samples were collected and submitted for VOC analysis. There were no VOC exceedances above Unrestricted Use, Residential Use, or Protection of Groundwater SCOs, or the Class A or Class C sediment guidance values. Sediment VOC concentration data can be found in **Table 5-4A**.

5.4.2 Sediment – Semi-Volatile Organic Compounds

Four (4) sediment samples were collected and submitted for SVOC analysis. There were no SVOC exceedances above Unrestricted Use, Residential Use, or Protection of Groundwater SCOs, or the Class A or Class C sediment guidance values. Sediment SVOC concentration data can be found in **Table 5-4A**.

5.4.3 Sediment – Polychlorinated Biphenyls

Four (4) sediment samples were collected and submitted for PCB analysis. There were no PCB exceedances above Unrestricted Use, Residential Use, or Protection of Groundwater SCOs, or the Class A or Class C sediment guidance values. Sediment PCB concentration data can be found in **Table 5-4A**.

5.4.4 Sediment – Pesticides

Four (4) sediment samples were collected and submitted for pesticide analysis. There were pesticide exceedances above Unrestricted Use SCOs, as discussed below. There were no pesticide exceedances of Residential Use, or Protection of Groundwater SCOs, or the Class A or Class C sediment guidance values. Sediment PCB concentration data can be found in **Table 5-4A**.

5.4.4.1 Unrestricted Use

One (1) or more of the following pesticides were detected at concentrations above Unrestricted Use SCOs at three (3) sediment locations: 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT. The locations at which one (1) or more of these analytes were detected at concentrations above Unrestricted Use SCOs include: SD-13, SD-14, and SD-16. Sediment sample locations with pesticide concentrations above Unrestricted Use SCOs are shown on **Figure 5-55**.

5.4.4.2 Residential Use

There were no pesticides detected at concentrations above Residential Use SCOs at any sediment sample locations.

5.4.4.3 Protection of Groundwater

There were no pesticides detected at concentrations above Protection of Groundwater SCOs at any sediment sample locations.

5.4.4.4 Class A Sediment Guidance Values

There were no pesticides detected at concentrations above Class A sediment guidance values at any sediment sample locations.

5.4.4.5 Class C Sediment Guidance Values

There were no pesticides detected at concentrations above Class C sediment guidance values at any sediment sample locations.

5.4.5 Sediment – Metals

Four (4) sediment samples were collected and submitted for metals analysis. There were metal exceedances above Unrestricted Use and Residential Use SCOs, and above the Class A sediment guidance values, as discussed below. There were no metal exceedances of Protection of Groundwater SCOs or Class C sediment guidance values. Sediment PCB concentration data can be found in **Table 5-4A**.

5.4.5.1 Unrestricted Use

One (1) or more of the following metals were detected at concentrations above Unrestricted Use SCOs at four (4) sediment locations: calcium, chromium, iron, mercury, and zinc. The locations at which one (1) or more of these analytes were detected at concentrations above Unrestricted Use SCOs include: SD-13, SD-14, SD-15, and SD-16. Sediment sample locations with metal concentrations above Unrestricted Use SCOs are shown on **Figure 5-55**.

5.4.5.2 Residential Use

Chromium and iron were the only parameters detected at concentrations above Residential Use SCOs at four (4) sediment locations: SD-13, SD-14, SD-15, and SD-16. Sediment sample locations with metal concentrations above Residential Use SCOs are shown on **Figure 5-55**.

5.4.5.3 Protection of Groundwater

There were no metals detected at concentrations above Protection of Groundwater SCOs at any sediment sample locations.

5.4.5.4 Class A Guidance Values

Zinc was the only parameter detected at concentrations above the Class A sediment guidance values at one (1) sediment location: SD-15. Sediment sample locations with metal concentrations above Class A sediment guidance values are shown on **Figure 5-55**.

5.4.5.5 Class C Sediment Guidance Values

There were no metals detected at concentrations above Class C sediment guidance values at any sediment sample locations.

5.4.6 Sediment – Cyanide

Four (4) sediment samples were collected and submitted for cyanide analysis. There were no cyanide exceedances above Unrestricted Use, Residential Use, or Protection of Groundwater SCOs. Sediment cyanide concentration data can be found in **Table 5-4A**.

5.4.7 Sediment – PFAS Compounds

Four (4) sediment samples were collected and submitted for PFAS analysis. There were PFAS exceedances above Unrestricted Use SCOs, as discussed below. There were no PFAS exceedances of Residential Use, or Protection of Groundwater SCOs; and, there are no Class A or Class C sediment guidance values for PFAS. Sediment PFAS concentration data can be found in **Table 5-4B**.

5.4.7.1 Unrestricted Use

PFOS was the only parameter detected at concentrations above Unrestricted Use SCOs at two (2) sediment locations: SD-13, and SD-14. Sediment sample locations with PFAS concentrations above Unrestricted Use SCOs are shown on **Figure 5-55**.

5.4.7.2 Residential Use

There were no PFAS detected at concentrations above Residential Use SCOs at any sediment sample locations.

5.4.7.3 Protection of Groundwater

PFOS was the only parameter detected at concentrations above Protection of Groundwater SCOs at one (1) sediment location: SD-14. Sediment sample locations with PFAS concentrations above Protection of Groundwater SCOs are shown on **Figure 5-55**.

5.5 Surface Water Sample Results

Surface water samples were collected from six (6) RI sampling locations along the east side of the visual limits of the ASR waste pile on October 28, 2019. Surface water samples were collected from 12 SRI locations along the north

and east sides of the visual limits of the ASR waste pile on October 25, 2022, November 28 and 29, 2022. On May 17, 2023, six (6) additional surface water samples were collected, along the north and east sides of the visual limits of the ASR waste pile. Surface water analytical results have been compared to the Class C SCGs presented in NYSDEC TOGS 1.1.1, Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (February 2023). Surface water samples with concentrations above Class C SCGs are shown on **Figure 5-56**, and surface water data are summarized in **Table 5-5**.

5.5.1 Surface Water – Volatile Organic Compounds

Surface water samples were collected from RI sampling locations (SW-01 through SW-06) and from 18 SRI Phase I and Phase II sampling locations (SW-07 through SW-24) submitted for VOC analysis. There were no VOCs detected above Class C SCGs at any of the surface water sample locations (SW-01 through SW-06).

5.5.2 Surface Water – Semi-Volatile Organic Compounds

Surface water samples were collected from six (6) RI sampling locations (SW-01 through SW-06) and 18 SRI Phase I and Phase II sampling locations (SW-07 through SW-24) and submitted for SVOC analysis.

One (1) SVOC, bis(2-ethylhexyl)phthalate, was detected at concentrations above Class C SCGs at SW-08, which is located immediately adjacent to the north end of the ASR landfill and within 100 feet of the Town of West Monroe MSW landfill. Bis(2-ethylhexyl)phthalate is generally insoluble in water, and this detection is assumed to be a location where surface soil has been affected by ASR waste. There were no other SVOCs detected at concentrations above SCGs at any of the other surface water sample locations.

5.5.3 Surface Water – Polychlorinated Biphenyls

Surface water samples were collected from six (6) RI sampling locations (SW-01 through SW-06) and 18 SRI Phase I and Phase II sampling locations (SW-07 through SW-24) and submitted for PCB analysis.

Total PCBs were detected at concentrations above Class C SCGs at SW-08, SW-09, SW-12, SW-16 and SW-17. There were no other PCBs detected at concentrations above SCGs at any of the other surface water sample locations.

Surface water sampling locations SW-08, SW-09, and SW-16 are located within 20 feet of the ASR landfill in areas where surface soil has been affected by ASR waste (see Section 5.2.3). Surface water sampling locations SW-09 and SW-17 are located within 100 feet of the ASR landfill in areas where surface soil impacts were not identified; however, these detections could be indicative of low-level soil impacts.

5.5.4 Surface Water – Pesticides

Surface water samples were collected from six (6) RI sampling locations (SW-01 through SW-06) and from 18 SRI Phase I and Phase II sampling locations (SW-07 through SW-24) and submitted for pesticides analysis. There were no pesticides detected above Class C SCGs at any of the surface water sample locations.

5.5.5 Surface Water – Metals

Surface water samples were collected from six (6) RI sampling locations (SW-01 through SW-06) and from 18 SRI Phase I and Phase II sampling locations (SW-07 through SW-24) and submitted for metals analysis.

One (1) or more of the following five (5) metals were detected at concentrations above Class C SCGs at 18 surface water sample locations (SW-01 through SW-12, SW-19 through SW-24): aluminum, iron, vanadium, cobalt, and mercury. There were no metals detected above Class C SCGs at the remaining six (6) surface water sample locations (SW-13 through SW-18).

5.5.6 Surface Water – Cyanide

Surface water samples were collected from six (6) RI sampling locations (SW-01 through SW-06) and from 18 SRI sampling locations (SW-07 through SW-24) and submitted for cyanide analysis. Cyanide concentrations were not detected above Class C SCGs at any of the surface water sample locations.

5.5.7 Surface Water – PFAS Compounds

Surface water samples were collected from six (6) RI sampling locations (SW-01 through SW-06) and from 18 SRI Phase I and Phase II sampling locations (SW-07 through SW-24) and submitted for PFAS analysis. PFAS was not detected above Class C SCGs at any of the surface water sample locations.

Total PFAS concentrations in surface water are highest at surface water sampling stations SW-02, SW-19, and SW-24; refer to **Figure 5-57**. The latter two (2) locations are located downgradient of the MSW landfill, and the former, which is the highest total PFAS concentration observed in surface water, is located adjacent to the northeast edge of the ASR landfill. These data suggest that PFAS impacts detected in on-site surface water are related to both landfills.

5.6 Monitoring Well Groundwater Sample Results– November 2019

Groundwater samples were collected during the RI from seven (7) SC monitoring wells from November 25 to 27, 2019. Six (6) of these monitoring wells are located within the limits of the ASR waste pile (FT-MW-101 through FT-MW-106) and one (1) monitoring well (FT-MW-001) is located approximately 300 feet south of the ASR waste limits. Groundwater samples were also collected from the eight (8) monitoring wells outside the limits of the ASR waste (MW-107 through MW-114) installed during the RI from November 4 to 20, 2019. Each of the RI-installed monitoring wells are located within 100 feet outside of the ASR waste limits.

The November 2019 monitoring well samples with concentrations above applicable standards or criteria are shown on **Figure 5-58** and summarized in **Table 5-6**.

5.6.1 November 2019 Monitoring Well Groundwater – Volatile Organic Compounds

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for VOC analysis in November 2019. One (1) or more of the following VOCs were detected at concentrations above TOGS SCGs at three (3) SC-installed monitoring wells (FT-MW-101 through FT-MW-103): benzene, and xylene (total). There were no VOCs detected at concentrations above SCGs at any of the eight (8) RI-installed monitoring well groundwater sample locations (MW-107 through MW-114) or the remaining four (4) SC monitoring well locations (FT-MW-001, FT-MW-104 through FT-MW-106).

All three (3) of the monitoring wells at which VOCs were detected above TOGS SCGs are located within the northern portion of the ASR waste pile.

5.6.2 November 2019 Monitoring Well Groundwater – Semi-Volatile Organic Compounds

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and the eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for SVOC analysis in November 2019. 1,4-Dioxane was detected at concentrations above TOGS SCGs at monitoring wells FT-MW-101 and FT-MW-103, which are located within the ASR waste pile, and at wells MW-108, MW-109, and MW-110, which are located downgradient (east to northeast) of the ASR waste pile. 2,4-Dimethylphenol was detected at a concentration above TOGS SCGs at monitoring well FT-MW-103, which is located within the ASR waste pile. There were no SVOCs detected at concentrations above TOGS SCGs in any of the remaining monitoring well groundwater samples (FT-MW-001, FT-MW-102, FT-MW-104 through FT-MW-106, MW-107, and MW-111 through MW-114).

1,4-Dioxane is a byproduct of polyethylene terephthalate (PET) (Mohr, 2001), and in the automotive industry PET is used in multiple different forms including fibers, films, and foams associated with vehicle interior as well as in glass window and headlight production (EuroPlas). Contamination can most likely be attributed to the presence of the ASR waste, and its spatial distribution is most likely due to the flow of groundwater from the ASR waste pile.

5.6.3 November 2019 Monitoring Well Groundwater – Polychlorinated Biphenyls

Groundwater samples were collected from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and the eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for PCB Aroclor

analysis in November 2019. Total PCBs were detected at concentrations above TOGS SCGs in three (3) SC monitoring well groundwater samples (FT-MW-102, FT-MW-103, FT-MW-105). PCBs were not detected at concentrations above SCGs at the eight (8) RI-installed monitoring well locations (MW-107 through MW-114) or remaining four (4) SC monitoring well locations (FT-MW-001, FT-MW-101, FT-MW-104, FT-MW-106). The RI-installed monitoring wells are all located 40 or more feet downgradient of the ASR landfill, indicating that PCBs in groundwater have not migrated far from the source material.

5.6.4 November 2019 Monitoring Well Groundwater – Pesticides

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for pesticide analysis in November 2019. One (1) or more of the following pesticides were detected at concentrations above TOGS SCGs in seven (7) monitoring well groundwater samples (FT-MW-102, FT-MW-103, FT-MW-104, MW-107, MW-108, MW-109, and MW-112): alpha-BHC, beta-BHC, delta-BHC, dieldrin, and endrin. There were no pesticides detected at concentrations above SCGs at the remaining eight (8) monitoring well locations (FT-MW-001, FT-MW-101, FT-MW-105, FT-MW-106, MW-110, MW-111, MW-113, MW-114).

Pesticide contamination was found both within the ASR waste pile (FT-MW-102, FT-MW-103, and FT-MW-104) and outside of the ASR waste pile to the north (MW-107 and MW-108), east (MW-109), and south (MW-112). Well MW-107 is located within 50 feet of the extents of both the MSW landfill and ASR waste pile, MW-108 and MW-109 are located within 100 feet of the ASR waste pile, and MW-112 is located within 200 feet downgradient of the ASR waste pile.

5.6.5 November 2019 Monitoring Well Groundwater – Metals

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for metals analysis in November 2019. One (1) or more of the following metals were detected at concentrations above TOGS SCGs at 14 monitoring well locations (FT-MW-001 and FT-MW-101 through FT-MW-106, MW-107 through MW-110, and MW-112 through MW-114): arsenic, barium, iron, lead, magnesium, manganese, nickel, and sodium. There were no metals detected at concentrations above SCGs at well MW-111.

5.6.6 November 2019 Monitoring Well Groundwater – Cyanide

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for cyanide analysis. During the November 2019 sampling event, cyanide was detected in one (1) of the monitoring well groundwater samples (FT-MW-101), but concentrations were below the applicable SCGs.

5.6.7 November 2019 Monitoring Well Groundwater – PFAS Compounds

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for PFAS analysis in November 2019. PFOS was detected at concentrations above SCGs at 11 monitoring well groundwater samples (FT-MW-001, FT-MW-101 through FT-MW-104, and FT-MW-106, MW-107 through MW-109, MW-112, and MW-114). PFOA was detected above SCGs in 13 monitoring well groundwater samples (FT-MW-001 and FT-MW-101 through FT-MW-106, MW-107 through MW-109, and MW-112 through MW-114).

Total PFAS at ASR waste pile area monitoring wells ranged in concentrations from 81.1 ng/L at FT-MW-106 to 897.84 ng/L at FT-MW-103, and total PFAS in monitoring wells installed outside the ASR waste pile ranged in concentrations from 50.61 ng/L at MW-112 to 680.4 at MW-107. MW-107 is located within 100 feet and downgradient of both the MSW and ASR landfills. There were no PFAS compounds detected at concentrations above SCGs at monitoring well locations MW-110 and MW-111.

Exceedances of applicable TOGS SCGs for PFOS and PFOA are fairly ubiquitous across 2019 monitoring well sampling locations, however, the highest concentrations of total PFAS are located within the ASR waste landfill (FT-MW-103) and within 100 feet of both the MSW and ASR landfill (MW-107), suggesting that both fill materials may be sources of PFAS.

5.7 Monitoring Well Groundwater Sample Results – June 2020

A second round of groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001, FT-MW-101 through FT-MW-106) and the eight (8) RI-installed monitoring wells (MW-107 through MW-114) from June 22nd to 25th, 2020.

All groundwater analytical results were compared to Class GA standards and guidance values presented in NYSDEC TOGS 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 2004) including the February 2023 Addendum. The June 2020 monitoring well samples with concentrations above applicable standards or criteria are shown on **Figure 5-59** and summarized in **Table 5-6**.

5.7.1 June 2020 Monitoring Well Groundwater – Volatile Organic Compounds

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for VOC analysis in June 2020. One (1) or more of the following VOCs were detected at concentrations above TOGS SCGs at four (4) SC-installed monitoring wells (FT-MW-101 through FT-MW-103, FT-MW-105): benzene and xylene (total). There were no VOCs detected at concentrations above SCGs at any of the eight (8) RI-installed monitoring well groundwater sample locations (MW-107 through MW-114) or the remaining three (3) SC monitoring well groundwater sample locations (FT-MW-001, FT-MW-104, FT-MW-106).

All four (4) of the monitoring wells at which VOCs were detected above TOGS SCGs are located within the northern portion of the ASR waste pile.

5.7.2 June 2020 Monitoring Well Groundwater – Semi-Volatile Organic Compounds

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for SVOC analysis in June 2020. 1,4-Dioxane was detected at concentrations above TOGS SCGs at monitoring wells FT-MW-101 and FT-MW-103, which are located within the ASR waste pile, and at wells MW-108, MW-109, and MW-110, which are located downgradient (east to northeast) of the ASR waste pile. 2,4-Dimethylphenol was detected at concentrations above TOGS SCGs at monitoring wells FT-MW-102 and FT-MW-103, which are located within the ASR waste pile. 4-Methylphenol was detected at a concentration above TOGS SCGs at MW-111 which is located downgradient to the east of the ASR waste pile, and 2,6-Dinitrotoluene was detected at a concentration above TOGS SCGs at MW-113 which is located downgradient to the south of the ASR waste pile. There were no SVOCs detected at concentrations above TOGS SCGs at any of the remaining monitoring well groundwater samples (FT-MW-001, FT-MW-104 through FT-MW-106, MW-107, MW-112, MW-113, and MW-114).

SVOCs are present in groundwater at sample locations either within the limits of the ASR waste (FT-MW-101, FT-MW-102 and FT-MW-103) or at sample locations within 100 feet of the known limits of the ASR waste. As stated in Section 5.7.2, contamination is most likely associated with the ASR waste (EuroPlas; Mohr, 2001).

5.7.3 June 2020 Monitoring Well Groundwater – Polychlorinated Biphenyls

Groundwater samples were collected from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and the eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for PCB Aroclor analysis in June 2020. Total PCBs were detected at concentration above TOGS SCGs at four (4) SC monitoring well groundwater sample locations (FT-MW-101, FT-MW-102, FT-MW-103, FT-MW-105). PCBs detected at FT-MW-101, FT-MW-102, and FT-MW-103 were identified as Aroclor 1243, and at FT-MW-105 were identified as Aroclor 1232, the latter of which is a mixture of lighter (less chlorinated) PCBs than Aroclor 1242. The SC wells at which total PCBs were detected above TOGS SCGs are collocated within 150 feet of each other within the northern portion of the ASR waste pile.

PCBs were not detected at concentrations above SCGs at the eight (8) RI-installed monitoring well locations (MW-107 through MW-114) or the remaining three (3) SC monitoring wells (FT-MW-001, FT-MW-104, and FT-MW-106). The RI-installed monitoring wells are all located 40 or more feet downgradient of the ASR landfill, indicating that PCBs in groundwater have not migrated far from the source material.

5.7.4 June 2020 Monitoring Well Groundwater – Pesticides

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for pesticides analysis in June 2020. Two (2) pesticide analytes (alpha-BHC and beta-BHC) were detected at concentrations above TOGS SCGs at FT-MW-105 and one (1) pesticide analyte (Dieldrin) was detected at concentrations above TOGS SCGs at MW-109. There were no pesticides detected above SCGs at the remaining six (6) SC monitoring well groundwater sample locations (FT-MW-001, FT-MW-101 through FT-MW-104, FT-MW-06) or the remaining seven (7) RI-installed monitoring well groundwater sample locations (MW-107, MW-108, MW-110 through MW-114).

FT-MW-105 is located in the western portion of the ASR waste pile, approximately 100 feet south of FT-MW-102 where the pesticides beta-BHC and delta-BHC were previously detected in November 2019. MW-109 is located within 75 feet of the ASR waste pile and the pesticides delta-BHC and Dieldrin were previously detected at this location in November 2019.

5.7.5 June 2020 Monitoring Well Groundwater – Metals

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for metals analysis in June 2020. One (1) or more of the following metals were detected at concentrations above TOGS SCGs at 13 monitoring well locations (FT-MW-001, FT-MW-101 through FT-MW-106, MW-107 through MW-110, MW-112, and MW-113): arsenic, barium, iron, lead, magnesium, manganese, and sodium. There were no metals detected at concentrations above SCGs at monitoring wells MW-111 or MW-114.

5.7.6 June 2020 Monitoring Well Groundwater – Cyanide

Groundwater samples were collected during the RI from seven (7) SC-installed monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for cyanide analysis. During the June 2020 sampling event, cyanide was detected in two (2) of the monitoring well groundwater sample locations (FT-MW-106 and MW-109), but concentrations were below the applicable SCGs.

5.7.7 June 2020 Monitoring Well Groundwater – PFAS Compounds

Groundwater samples were collected during the RI from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells and submitted for PFAS analysis in June 2020. PFOS and PFOA were detected at concentrations above TOGS SCGs at six (6) SC monitoring wells (FT-MW-101 through FT-MW-106), all of which are located within the limits of the ASR waste pile. Total PFAS at SC monitoring wells ranged in concentration from 5.4 nanograms per liter (ng/L) at FT-MW-106 to 747.4 ng/L at FT-MW-103. These same wells represented the range in PFAS concentration during the November 2019 sampling event. PFOS was detected above SCGs at four (4) RI-installed monitoring well groundwater sample locations (MW-107, MW-108, MW-109, MW-112). PFOA was detected above SCGs at seven (7) RI-installed monitoring well groundwater sample locations (MW-107 through MW-110, MW-112, MW-113, and MW-114). Total PFAS at RI-installed monitoring wells ranged from 5.3 ng/L at MW-111 to 768.29 ng/L at MW-107. MW-111 is located within 100 feet of both the MSW and ASR landfills.

There were no PFAS compounds detected at concentrations above TOGS SCGs at monitoring well locations FT-MW-001 and MW-111.

Similar to the 2019 monitoring event, exceedances of applicable TOGS SCGs for PFOS and PFOA are fairly ubiquitous across 2020 monitoring well sampling locations, however, the highest concentrations of total PFAS are located within the ASR waste landfill (FT-MW-103) and within 100 feet of both the MSW and ASR landfill (MW-107) suggesting PFAS contamination is associated with the waste in these areas.

5.8 Monitoring Well Groundwater Sample Results – December 2022

A third round of groundwater samples were collected during the SRI from seven (7) SC monitoring wells (FT-MW-001, FT-MW-101 through FT-MW-106) and the eight (8) RI-installed monitoring wells (MW-107 through MW-114) from December 6 to December 9, 2022.

All groundwater analytical results were compared to Class GA standards and guidance values presented in NYSDEC TOGS 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 2004) including the February 2023 Addendum. The December 2022 monitoring well locations with concentrations above applicable standards or criteria are shown on **Figure 5-60** and summarized in **Table 5-6**.

5.8.1 December 2022 Monitoring Well Groundwater – Volatile Organic Compounds

Groundwater samples were collected from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells and submitted for VOC analysis in December 2022. One (1) or more of the following VOCs were detected at concentrations above TOGS SCGs in six (6) monitoring wells groundwater samples (FT-MW-101 through FT-MW-104, FT-MW-105, MW-108, and MW-109): benzene, vinyl chloride, and xylene (total). There were no VOCs detected at concentrations above SCGs at any of the remaining nine (9) monitoring well locations (FT-MW-001, FT-MW-104, FT-MW-106, MW-107, and MW-110 through MW-114).

VOCs were detected above applicable SCGs at the same monitoring wells within the ASR waste as the previous sampling event (2020), however, during this sampling event VOCs were also detected above applicable standards at MW-108 and MW-109. Considering the proximity of these wells to the ASR waste (within 100 feet), the VOC exceedances are most likely associated with the waste.

5.8.2 December 2022 Monitoring Well Groundwater – Semi-Volatile Organic Compounds

Groundwater samples were collected from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for SVOC analysis in December 2022.

One (1) or more of the following SVOCs were detected at concentrations above TOGS SCGs in seven (7) monitoring well groundwater samples (FT-MW-101, FT-MW-102, FT-MW-103, FT-MW-105, MW-108, MW-109, and MW-110): 1,4-Dioxane, 2,4-Dimethylphenol, 4-Nitrophenol, Nitrobenzene and 3&4-Methylphenol. Of these analytes, 1,4-Dioxane was detected in all but one (1) monitoring well groundwater sample (FT-MW-105). There were no SVOCs detected at concentrations above SCGs at the remaining eight (8) monitoring well locations (FT-MW-001, FT-MW-104, FT-MW-106, MW-107, and MW-111 through MW-114).

The locations of SVOC detections above TOGS SCGs are collocated with the above noted VOC exceedances (FT-MW-101, FT-MW-102, FT-MW-103, FT-MW-105, MW-108, and MW-109) outside of the exceedance of 1,4-Dioxane at MW-110 which is approximately 175 feet south of MW-109 and within 100 feet west of the western limit of the ASR waste pile. Similar to the SVOC exceedances in 2019 and 2020, given proximity to the ASR landfill, it is most likely that SVOC contamination is associated with the ASR waste.

5.8.3 December 2022 Monitoring Well Groundwater – Polychlorinated Biphenyls

Groundwater samples were collected from the seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and the eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for PCB homolog analysis in December 2022. PCBs were detected at concentrations above TOGS SCGs at four (4) SC monitoring well groundwater sample locations (FT-MW-101, FT-MW-102, FT-MW-103, FT-MW-105). PCBs were not detected at concentrations above SCGs at the remaining three (3) SC monitoring well locations (FT-MW-001, FT-MW-104, FT-MW-106) or at the eight (8) RI-installed monitoring well locations (MW-107 through MW-114).

PCB homologs detected included monobiphenyls to hexachlorobiphenyls with the primary homologs detected at FT-MW-101, FT-MW-102, and FT-MW-105 being trichlorobiphenyls, dichlorobiphenyls, and tetrachlorobiphenyls with lesser amounts of pentachlorobiphenyls and monochlorobiphenyls, which is typical for PCB mixtures dissolved in water or less chlorinated PCB sources. The predominant homologs detected in the groundwater sample collected from FT-MW-103 tended to be heavier, which is indicative of a greater proportion of PCBs sorbed to suspended solids in the sample.

5.8.4 December 2022 Monitoring Well Groundwater – Dissolved Polychlorinated Biphenyls

Groundwater samples were collected from the seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for dissolved PCBs analysis by Aroclors and homologs at select wells (FT-MW-101, FT-MW-102, FT-MW-103, and FT-MW-105) in December 2022. Dissolved PCBs were not detected at concentration above SCGs in any of the samples. Dissolved PCB concentrations detected by homolog analysis at wells FT-MW-102 and FT-MW-103 were more than two (2) orders of magnitude lower than the unfiltered samples, indicating that the majority of PCBs detected in groundwater are associated with suspended solids.

5.8.5 December 2022 Monitoring Well Groundwater – Pesticides

Groundwater samples were collected from the seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for pesticide analysis in December 2022. There were no pesticides detected above SCGs at the seven (7) SC monitoring well groundwater sample locations (FT-MW-001 and FT-MW-101 through FT-MW-106) or eight (8) RI-installed monitoring well groundwater sample locations (MW-107 through MW-114).

5.8.6 December 2022 Monitoring Well Groundwater – Metals

Groundwater samples were collected from the seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and the eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for metals analysis in December 2022. One (1) or more of the following metals were detected at concentrations above TOGS SCGs at all monitoring well groundwater sample locations (FT-MW-001, FT-MW-101 through FT-MW-106, and MW-107 through MW-114): antimony, arsenic, barium, iron, magnesium, manganese, nickel, and sodium.

5.8.7 December 2022 Monitoring Well Groundwater – Dissolved Metals

Groundwater samples were collected from seven (7) SC monitoring wells (FT-MW-001, and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for dissolved metals analysis in December 2022. One (1) or more of the following dissolved metals were detected at concentrations above TOGS SCGs at 10 monitoring well locations (FT-MW-101 through FT-MW-106, MW-108 through MW-110, and MW-113): iron and manganese. Each of these monitoring well sample locations are located either within the ASR waste or within 100 feet of the lateral extent of the ASR waste. There were no dissolved metals detected at concentrations above TOGS SCGs at the remaining five (5) monitoring well sample locations (FT-MW-001, MW-108 through MW-110, and MW-113). Each of the locations where concentrations exceeded TOGS SCGs are located either within the ASR waste pile, or within 100 feet of its lateral extent.

5.8.8 December 2022 Monitoring Well Groundwater – Cyanide

Groundwater samples were collected from the seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for cyanide analysis in December 2022. There was no cyanide detected at concentrations above TOGS SCGs at any of the 15 monitoring well sample locations.

5.8.9 December 2022 Monitoring Well Groundwater – PFAS Compounds

Groundwater samples were collected from seven (7) SC monitoring wells (FT-MW-001 and FT-MW-101 through FT-MW-106) and eight (8) RI-installed monitoring wells (MW-107 through MW-114) and submitted for PFAS analysis in December 2022. PFOS was detected at concentrations above SCGs in 10 monitoring well groundwater samples (FT-MW-101 through FT-MW-105, MW-107, MW-108, MW-109, MW-112, and MW-113). PFOA was detected at concentrations above SCGs in 13 monitoring well groundwater samples (FT-MW-101 through FT-MW-106, MW-107 through MW-110, and MW-112 through MW-114). There were no PFAS compounds detected at concentrations above SCGs at the remaining monitoring well sample locations (FT-MW-001, and MW-111).

Total PFAS concentration ranged in SC monitoring wells from 2.68 ng/L at FT-MW-001 to 859.5 ng/L at FT-MW-103. FT-MW-001 is located approximately 300 feet south of the limits of the ASR waste pile, while FT-MW-103 is located within the ASR waste pile. Total PFAS concentration in RI-installed monitoring wells ranged from 7.0 ng/L at MW-111

to 1180.6 ng/L at MW-107. MW-111 is located approximately 100 feet west of the western limit of the ASR waste while MW-107 is located within 100 feet of both the MSW landfill and ASR waste. The proximity of higher PFAS concentrations to both the MSW landfill and ASR waste in both SC wells and RI-installed monitoring wells suggests that PFAS contamination is associated with waste from these areas.

5.9 Monitoring Well Groundwater Sample Results – May 2023

Between May 16 and May 19, 2023, a first round of groundwater samples was collected from nine (9) SRI-installed monitoring wells (MW-103R, MW-115 through MW-122), and a fourth round of groundwater samples was collected from five (5) RI-installed monitoring wells (MW-107, MW-108, MW-109, MW-112, MW-113).

The May 2023 monitoring well locations with concentrations above applicable standards or criteria are shown on **Figure 5-61** and **Table 5-6**.

5.9.1 May 2023 Monitoring Well Groundwater – Volatile Organic Compounds

One (1) or more of the following VOCs were detected at concentrations above TOGS SCGs at two (2) SRI-installed monitoring well groundwater sample locations (MW-103R, MW-117): benzene, and ethyl ketone (2-butanone). MW-103R is located within the ASR waste pile and MW-117 is located over 300 feet northeast of the known limit of the ASR waste pile.

There were no VOCs detected above SCGs at any of the remaining seven (7) SRI-installed monitoring well groundwater sample locations (MW-115, MW-116, MW-118 through MW-122).

Groundwater samples for VOC analysis were not collected from RI-installed monitoring wells in May 2023.

5.9.2 May 2023 Monitoring Well Groundwater – Semi-Volatile Organic Compounds

One (1) or more of the following SVOCs were detected at concentrations above TOGS SCGs at six (6) SRI-installed monitoring well groundwater sample locations (MW-103R, MW-117 through MW-120): 1,4-Dioxane, bis(2-ethylhexyl)phthalate, phenol. 1,4-Dioxane was also detected at concentrations above TOGS SCGs at both MW-108 and MW-109. There were no SVOCs detected above SCGs at any of the remaining three (3) SRI-installed monitoring well groundwater sample locations (MW-115, MW-116, MW-121, and MW-122). 1,4-Dioxane contamination is spatially distributed to the east of the ASR waste pile and can be found up to over 450 feet from its known limit.

5.9.3 May 2023 Monitoring Well Groundwater – Polychlorinated Biphenyls

PCBs were detected at concentrations above TOGS SCGs at two (2) monitoring well (MW-103R, by both Aroclor and homolog analysis) and MW-117 by homolog analysis).

PCB homologs detected at MW-103R included dichlorobiphenyls, trichlorobiphenyls, tetrachlorobiphenyls, pentachlorobiphenyls, hexachlorobiphenyls, heptachlorobiphenyls. The primary homologs detected at this location included trichlorobiphenyls and pentachlorobiphenyls. PCB homologs detected at MW-117 included nonachlorobiphenyls and decachlorobiphenyls, although to lesser extents than homologs detected at other sample locations.

5.9.4 May 2023 Monitoring Well Groundwater – Dissolved Polychlorinated Biphenyls

There were no dissolved PCBs detected at concentrations above SCGs at the nine (9) SRI-installed monitoring well groundwater sample locations (MW-103R, MW-115 through MW-122).

5.9.5 May 2023 Monitoring Well Groundwater – Pesticides

Hexachlorobenzene was detected at concentrations above TOGS SCGs at monitoring wells MW-103R, MW-115 and MW-117. There were no other pesticides detected at concentrations above SCGs at any of the 13 monitoring well sample locations.

5.9.6 May 2023 Monitoring Well Groundwater – Metals

One (1) or more of the following metals were detected at concentrations above TOGS SCGs at all of the monitoring well sample locations (MW-103R, MW-115 through MW-122, MW-107, MW-108, MW-109, MW-112, MW-113): arsenic, barium, beryllium, cadmium, chromium, copper, iron, lead, magnesium, manganese, sodium, and zinc.

5.9.7 May 2023 Monitoring Well Groundwater – Dissolved Metals

One (1) or more of the following dissolved metals were detected above TOGS SCGs at seven (7) SRI-installed monitoring well groundwater sample locations (MW-103R, MW-115, MW-117 through MW-120, MW-122): iron and manganese.

There were no dissolved metals detected at concentrations above SCGs at either of the remaining two (2) SRI-installed monitoring well groundwater sample locations (MW-116, MW-121).

Groundwater samples for dissolved metals analysis were not collected from RI-installed monitoring wells in May 2023.

5.9.8 May 2023 Monitoring Well Groundwater – Cyanide

There was no cyanide detected at concentrations above SCGs at the nine (9) SRI-installed monitoring well groundwater sample locations (MW-103R, MW-115 through MW-122).

Groundwater samples for cyanide analysis were not collected from RI-installed monitoring wells in May 2023.

5.9.9 May 2023 Monitoring Well Groundwater – PFAS Compounds

PFOS was detected at concentrations above SCGs at four (4) SRI-installed monitoring well groundwater sample locations (MW-103R, MW-117 through MW-119) and all five (5) RI-installed monitoring wells (MW-107, MW-108, MW-109, MW-112, MW-113). PFOA was detected above SCGs at six (6) SRI-installed monitoring well groundwater sample locations (MW-103R, MW-117 through MW-120, MW-122) and all five (5) RI-installed monitoring wells (MW-107, MW-108, MW-109, MW-112, MW-113). Total PFAS concentrations in SRI-installed monitoring wells ranged from 6.56 ng/L at MW-115 to 432.73 ng/L at MW-117 and total PFAS concentrations in RI-installed monitoring wells ranged from 64.12 ng/L at MW-112 to 943.7 ng/L at MW-107.

5.10 Extent of Contamination

The contaminants detected at the Site and surrounding areas at concentrations in excess of SCGs in various media include VOCs, SVOCs, PCBs, pesticides, metals, and/or PFAS. The distribution of contaminants in environmental media is discussed in the following sections.

5.10.1 VOCs

Acetone was the only VOC contaminant detected above SCGs in soil media, both within the ASR and in non-ASR soil located at or within 100 feet of the known limits of the ASR waste area. Acetone concentrations in soil exceeded the Unrestricted Use and Protection of Groundwater SCOs only and were not detected at concentrations that exceeded Residential Use SCOs.

Within the ASR soils, acetone was detected from surface to depths of 12 feet bgs, and at the four (4) locations it was detected above SCGs in subsurface soils outside of the ASR (TT-01, TT-03, TT-11, SB-06), acetone was detected at depths from surface to 3 feet bgs. These sample locations are located either at the inferred limits of the ASR or within 100 feet of this limit.

In native soils below the ASR waste, acetone was detected in two (2) locations: SB-51 (9-10') and SB-61 (3-5'). Surface soil locations outside of the ASR waste area where acetone was detected are all located within 100 feet of the known limits of the ASR.

In Wetland surface soils, 11 of the 20 locations where acetone was detected above Unrestricted Use SCOs are located within 50 feet of the known limits of the ASR waste. Of the nine (9) remaining locations, four (4) are located within 75 feet and five (5) are located within 100 feet of the ASR.

In Upland surface soils, nine (9) of the 16 locations where acetone was detected above Unrestricted Use SCOs are located within 50 feet of the ASR waste. Of the remaining locations, two (2) are located within 75 feet and five (5) are located within 100 feet of the ASR waste. VOCs appear to be bound vertically and horizontally in subsurface soils.

In groundwater, VOCs were detected at concentrations exceeding their respective TOGS SCGs primarily within monitoring wells located within the ASR waste area (FT-MW-101 through FT-MW-103, FT-MW-105, and MW-103R), indicating a relationship between ASR soil and the potential for associated impacts to groundwater in the ASR waste area. VOCs were also detected at concentrations above applicable SCGs in monitoring well sampling locations MW-108 and MW-109, however, considering the proximity of these wells to the ASR waste (within 100 feet), the VOC exceedances are most likely associated with the waste. One (1) VOC (methyl ethyl ketone (2-butanone)) was detected at concentrations above its applicable SCG in MW-117 within an area that is approximately 300 feet from the known limits of the ASR.

There were no VOCs detected above applicable SCGs in surface water media.

5.10.2 SVOCs

SVOCs exceeding SCGs are ubiquitous within the ASR waste soils from surface to 14 feet bgs. Of the SVOC analytes detected above Unrestricted Use SCOs within the ASR waste, most of the analytes were found in varying degrees across the ASR waste area at multiple different locations. Hexachlorobenzene was found at only one (1) location: SB-17 (10-12 feet bgs). Commercial materials such as polymers, textiles, plastics, and leather used in vehicles contain SVOCs in the form of additives to increase performance, material longevity, or resistance to high temperatures or UV radiation (J. Lexen et al., 2024). Bis(2-ethylhexylphthalate (used as a plasticizer in polymer products) was commonly found in concentrations that exceed its respective Residential Use SCO (50 mg/kg) within the ASR waste at depths that range from surface to 14 feet bgs and was found at its highest concentrations towards the center of the ASR waste. The highest concentration of bis(2-ethylhexylphthalate) was identified at the center of the ASR waste at SB-80 (12-14 feet bgs) at a concentration of 4,400 mg/kg, two (2) orders of magnitude higher than its Residential Use SCO. In native soils below the ASR waste, di-n-butylphthalate and phenol were detected above Unrestricted Use SCOs in one (1) sample (SB-72 (10-12')), and phenol was detected above its Residential Use SCO at this same location.

In non-ASR waste pile soils, SVOCs were primarily detected immediately adjacent to the ASR waste pile, although the majority of detected analytes were encountered at SB-08, which is located approximately 60 feet to the south of the inferred extent of the ASR waste pile. This location represents an Upland area where materials may previously have been handled, rather than being indicative of impacts on the edge of the Wetland. Regarding non-ASR surface soil, each of the four (4) locations in the Wetland area where SVOC concentrations were detected in excess of Residential Use SCOs (SD-01, SD-03, SD-20, and SD-24) are located within 40 feet of the inferred limits of the ASR waste pile. This is inferred to represent areas where mass wasting and erosion have carried contaminants from the ASR waste into low-lying areas near the Wetland. In the Upland area, the majority of exceeding locations are located within 100 feet directly south of the ASR waste pile limit. These impacts are inferred to represent areas where waste handling was formerly performed.

One (1) SVOC, bis(2-ethylhexyl)phthalate, was detected in surface water at concentrations above Class C SCGs at SW-08, which is located immediately adjacent to the north end of the ASR landfill and within 100 feet of the Town of West Monroe MSW landfill. Bis(2-ethylhexyl)phthalate is generally insoluble in water and was also detected at concentrations exceeding Residential Use SCOs in surface soil that has been affected by ASR waste in this same area (SD-20) and may be indicative of suspended solids in that sample. There were no other SVOCs detected at concentrations above SCGs at any of the other surface water sample locations.

The predominant SVOC contaminant in groundwater is 1,4-dioxane. Between each of the four (4) groundwater sampling events, it has been found exceeding SCGs in three (3) monitoring well sample locations within the ASR (FT-MW-101 through FT-MW-103) and eight (8) monitoring well sample locations outside of the ASR (MW-108 through MW-111, and MW-117 through MW-120). Each of the locations outside of the ASR waste area where 1,4-dioxane exceeded SCGs are located to the east, up to approximately 300 feet downgradient of its inferred limit. As stated in Section 5.5.2, 1,4-dioxane is a byproduct of PET, and in the automotive industry PET was used in multiple different forms including fibers, films, and foams associated with vehicle interior as well as in glass window and headlight production (EuroPlas). 1,4-Dioxane contamination can most likely be attributed to the presence of the ASR waste, and its spatial distribution is most likely due to the flow of groundwater from the ASR waste pile.

5.10.3 PCBs

PCBs are found in shredder fluff associated with automotive insulation and upholstery, in various sealants, in plastics at low levels (Pyliw, H.M., 1991) and are known to be present in the ASR waste. Contamination of this type extends across the majority of the ASR waste pile and was detected at varying depths down to 25 feet bgs (SB-23). PCB contamination was identified at a maximum concentration of 362 mg/kg at SD-46 (2-4'). Sample locations SB-60, SB-64, and SB-86, at which PCB contamination was not detected above Unrestricted Use SCOs, are located within 40 feet of the southeast limit of the ASR waste pile. SB-85, the fourth location at which PCB contamination was not detected above Unrestricted Use SCOs is located within 60 feet of the southwest known limit of the ASR. These locations are indicative of the transition from ASR waste to Upland native soil to the south. As stated in Section 5.1.3.2, soil sample locations where impacts do not exceed Residential Use SCOs tend to be located on or near the known limits of the ASR waste pile, indicating areas where lesser amounts of ASR waste are present. In native soils located below the ASR waste, PCBs were detected above Unrestricted Use SCOs in 12 samples but were detected above Residential Use SCOs in only one (1) sample (SB-72 (10-12')).

Concentrations of PCBs in subsurface soil decrease sharply outside of the ASR waste where they were detected at concentrations exceeding Residential Use SCOs at SB-04 (1-3') only. This location is in closest proximity to the ASR waste pile, indicating that PCB contamination associated with ASR waste has only migrated slightly beyond the ASR waste pile. Similar to SVOC contamination in Upland areas, PCB contamination in excess of SCGs in surface soil in the Upland and Wetland areas exists within 75 feet directly south or north of the ASR waste pile in areas where it is inferred waste handling was formerly performed.

PCBs were most commonly identified as Aroclor 1254 but were sometimes identified as a combination of Aroclor 1254, Aroclor 1260, and either Aroclor 1242 or Aroclor 1248. Aroclors are mixtures of individual PCB congeners with varying degrees of chlorination. Individual PCB congeners consist of a biphenyl molecule to which two (2) to 10 chlorine atoms are attached. There are 209 different combinations of chlorine placements on the biphenyl structure, each of which is a distinct congener. These congeners can be grouped by the degree of chlorination, either as homologs, which are identified by the number of chlorines attached to the biphenyl or Aroclor mixtures which are commercial mixtures of varying homolog groups. The second two (2) digits in an Aroclor mixture name typically indicate the average weight percentage of chlorine in the PCB mixture. Aroclor is the trade name that was used by Monsanto Corporation to identify their commercial PCB mixtures, and laboratory standards were developed based on these mixtures. Other manufacturers made similar mixtures, using similar manufacturing processes, but because these are bulk commercial mixtures of different PCBs, lab standards are often not an exact mix for PCBs released to the environment, and laboratory analysts need to make judgments regarding the Aroclor pattern that is the best match to each environmental sample. When multiple Aroclor patterns are identified by the laboratory, that can either indicate weathering of PCBs in the soil or multiple sources of PCBs at a location. The source of PCBs in ASR waste is not well understood, but could include capacitors, adhesives, and sealants.

Surface water sampling locations SW-08, SW-09, and SW-16 are located within 20 feet of the ASR landfill in areas where surface soil has been affected by ASR waste. Surface water sampling locations SW-09 and SW-17 are located within 100 feet of the ASR landfill in areas where surface soil impacts were not identified; however, these detections could be indicative of low-level soil impacts.

Total PCB contamination was detected across groundwater sampling events in monitoring wells within the ASR waste area, indicating PCB contamination in this media has not migrated from the source area.

5.10.4 Pesticides

Pesticide impacts to soil exist minimally within the ASR waste, where 4,4'-DDE was detected only at SB-64 (0-2 feet bgs) at a concentration of 0.0034 mg/kg compared to an Unrestricted Use SCO of 0.0033 mg/kg. This location is within 50 feet of the known limits of the ASR. Other pesticide exceedances of SCGs in non-ASR soil exist in close proximity to the known limits of the ASR (within 100 feet) at similar depths (near surface, from 0 to 3 feet bgs) indicating the potential for pesticide use during the time the site was actively used for disposal.

As stated in Section 5.5.4, there were no pesticides detected above applicable SCGs in surface water during investigation activities. Pesticides in groundwater were only detected at concentrations exceeding TOGS SCGs during the 2019 and 2020 sampling events. During these sampling events, pesticides including aldrin, alpha-BHC, beta-BHC, delta-BHC, dieldrin, and endrin were detected in monitoring well sampling locations either within the ASR

waste area, or within 100 feet of its known limits, except for the MW-112 sampling location which is located within 200 feet of the ASR waste area in a known area where previous tire removal activities occurred. It is possible these impacts are related to local application of pesticides during the operational period of the disposal area.

5.10.5 Metals

Metal contamination, similar to SVOC and PCB contamination, is ubiquitous within ASR waste area soils. Exceedances of relevant SCGs exist in ASR soils from surface to depths up to 14 feet bgs are most likely attributed to the ASR material itself. Iron was detected above Unrestricted Use SCO in the native soils below the ASR waste in 15 samples; calcium was detected in one (1) sample below the ASR waste (SB-78 (20-22')); and lead, copper and zinc were detected in one (1) sample below the ASR waste (SB-72 (10-12')). Iron was the only metal detected above Residential Use SCOs in native soils below the ASR waste soils. Outside of the ASR waste, metal contamination in subsurface soil noted following background correction was noted in locations in closest proximity to the northern known limits of the ASR waste (SB-04 (1-3'), TT-01 (1.5-2'), TT-03 (0.5-1')), and within 50 feet of the southern extent of the ASR waste (SB-08 (0.5-1')). In surface soils, the majority of SCG exceedances are attributed to high iron concentrations in soils, outside of select locations where other metals were detected at concentrations exceeding SCGs which are located in close proximity to the known limits of the ASR. These impacts are inferred to represent areas where waste handling was formerly performed.

As stated in Section 5.4.5, aluminum, iron, vanadium, cobalt, and mercury were detected above applicable SCGs in surface water sample locations SW-01 through SW-12, and SW-19 through SW-24. Iron (steel) and aluminum are both likely ASR waste constituents and relatively abundant natural constituents of soil. Exceedances of SCGs for these metals were observed in all samples collected during the October 2019 and May 2023 sampling events, but none were observed in samples collected during the November 2022 sampling event. This pattern of data suggests that iron and aluminum concentrations are related to seasonal water levels, which can affect soil content of the samples, thereby elevating metals concentrations in surface water samples even where the mobile (i.e., dissolved) content of metals in surface water in the slow-moving Wetland water is quite low. Iron is also affected by the relative oxidation of water, and dissolved concentrations of iron are higher when oxygen is depleted. The highest concentration of iron (57 mg/L) was detected at SW-07, which is located 80 feet downgradient of the MSW landfill.

Cobalt and mercury concentrations exceeded Class C SCGs at surface water sampling locations SW-08, SW-11, and SW-12 in areas downgradient or adjacent to the ASR landfill. Cobalt and mercury concentrations also exceeded Class C SCGs at surface water sampling location SW-07, which is located downgradient of the MSW landfill, and at SW-09 located downgradient of both landfills. Vanadium concentrations also exceeded Class C SCGs at SW-07 and SW-09, as well as at SW-04, SW-11, and SW-12. These data suggest that metals detected in surface water are related to both landfills.

Both suspended and dissolved metals were detected in groundwater at concentrations exceeding TOGS SCGs in each monitoring well sample collected except MW-111 in 2019 and 2020 and MW-114 in 2020. Of the metals detected, one (1) or more of the RCRA eight (8) metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) suspended in solution accounted for detections in eight (8) monitoring well sample locations, four (4) within the ASR waste area (FT-MW-101 through FT-MW-103 and MW-103R) and four (4) outside the ASR waste area (MW-108, MW-109, MW-116, and MW-119). Within the ASR waste area, barium and/or lead were detected at concentrations above TOGS SCGs at FT-MW-101 through FT-MW-103, and cadmium, chromium, and lead were detected at concentrations above TOGS SCGs at MW-103R. Outside of the ASR, arsenic, barium, and/or lead were detected at concentrations exceeding TOGS SCGs. MW-108 and MW-109 are located within 100 feet downgradient of the ASR, however, MW-116 and MW-119 at which arsenic and/or barium were detected at concentrations above TOGS SCGs are located up to 300 feet downgradient of the ASR.

5.10.6 PFAS

PFAS contamination appears ubiquitous with ASR waste area soils and exist from surface to depths up to 14 feet bgs. PFAS concentrations exceeded Unrestricted Use SCOs at all but two (2) samples and exceed Residential Use and Protection of Groundwater SCOs in 67% and 80% of samples, respectively. There was one (1) detection of PFOA above Unrestricted Use SCOs in the native soils below the ASR waste at SB-61 (3-5') (2.3 ug/kg), one (1) detection of PFOS above Unrestricted Use SCOs in the native soils below the ASR waste at SB-81 (1-1.5') (8.0 ug/kg), and no detections of PFOS or PFOA above Residential Use SCOs in the native soils below the ASR waste. Outside of the ASR waste area in non-ASR subsurface soil PFOS was detected at concentrations above Residential

Use SCOs at just one (1) location outside of the ASR waste pile: SB-04 (1-3'), which is located in closest proximity to the inferred extent of the ASR waste. In non-ASR surface soils PFOS and/or PFOA were detected at concentrations above Residential Use SCOs at three (3) locations in the Upland area, each of which are within 100 feet of the known ASR limits (SS-05, SS-16, and SS-32).

As noted in Section 5.4.7, total PFAS concentrations in surface water are highest at surface water sampling locations SW-02, SW-19, and SW-24. The latter two (2) locations are located downgradient of the MSW landfill, and the former, which is the highest total PFAS concentration observed in surface water, is located adjacent to the northeast edge of the ASR landfill. These data suggest that PFAS impacts detected on-site are related to both landfills.

PFOS and/or PFOA were detected above applicable SCGs in all monitoring wells during at least one (1) sampling event except MW-111, MW-115, MW-116, and MW-122. MW-111 is located within 150 feet east of the ASR waste area and has consistently shown low level contaminant impacts across sampling events. The remaining wells (MW-115, MW-116, and MW-122) are located downgradient of groundwater flow approximately 375 feet, 300 feet, and 525 feet from the inferred limits of the ASR waste, respectively. The highest concentrations of total PFAS in groundwater are located within the ASR waste landfill (FT-MW-103) and within 100 feet of both the MSW and ASR landfill (MW-107). Considering PFAS analytes are highly soluble and mobile in groundwater, it is most likely that PFAS contamination is moving through this media from the ASR source to distant monitoring wells.

5.10.7 Delineation of Contaminants

Based on the review of the data collected, contaminants of concern have generally been delineated to areas within or near the limits of the ASR waste area.

VOCs, SVOCs, pesticides, PCBs, metals, and PFAS in surface soils appear to be horizontally delineated north of the ASR waste area.

VOCs, SVOCs, pesticides, PCBs, and PFAS in subsurface soils appear to be vertically and horizontally delineated to the ASR waste area. Metals in subsurface soils, with the possible exception of calcium which may be associated with elevated background levels, appear to be vertically and horizontally delineated.

VOCs, SVOCs, pesticides, and PCBs in surface water appears to be horizontally delineated to the ASR waste area and the MSW landfill. Metals in surface water persist in sample locations furthest from the ASR waste area and may be associated with elevated background levels. PFAS in surface water also persist in sample locations furthest from the ASR waste area but may be associated with stormwater runoff from the uncapped ASR waste area or groundwater discharge from the ASR waste area.

VOCs, SVOCs, pesticides, and PCBs in groundwater appear to be horizontally delineated and can most likely be attributed to the ASR waste area. Elevated metals in groundwater may be attributed to the migration of groundwater from beneath the uncapped ASR waste pile and/or may be associated with elevated background levels. Elevated PFAS in groundwater may be attributed to the migration of groundwater from beneath the uncapped ASR waste pile.

6. Contaminant Fate and Transport

This section describes fate and transport processes that may influence the behavior of the contaminants detected at the site. The discussion emphasizes the processes that are essential in evaluating potential exposure of human and environmental receptors to the contaminants detected at concentrations above the SCGs. The following items are presented in this section:

1. A list of contaminants detected above applicable SCGs.
2. General description of fate and transport processes occurring in surface water, surface soil, subsurface soil, and groundwater.
3. Identification and description of properties of contaminants detected above the SCGs in the various media.
4. Media-specific and contaminant-specific evaluation of potential fate and transport mechanisms.

6.1 Contaminants of Concern

Contaminants detected at concentrations that exceeded SCGs during the SRI, RI and the previous SC investigation include the following:

6.1.1 Subsurface Soil

VOCs: Acetone

SVOCs: PAHs (2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene), 1,1'-biphenyl, 1,4-dioxane, phenols (phenol, 2-methylphenol and 4-methylphenol), phthalates (bis(2-ethylhexyl)phthalate, di-n-butylphthalate, and di-n-octylphthalate), and dibenzofuran

PCBs: Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260, and Aroclor 1268

Pesticides: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, alpha-BHC, endrin, heptachlor, and hexachlorobenzene

Metals: Aluminum, antimony, arsenic, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, silver, and zinc

PFAS: PFOA and PFOS

6.1.2 Surface Soil

VOCs: Acetone, and methyl ethyl ketone

SVOCs: PAHs (2-methylnaphthalene, acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene), naphthalene, phenanthrene, and pyrene), 1,4-dioxane, 3-nitroaniline, 4-chloroaniline, phenols (2-methylphenol, 3&4-methylphenol, 4-methylphenol, and phenol), phthalates (bis(2-thylhexyl)phthalate, di-n-butylphthalate, and di-n-octylphthalate), and dibenzofuran

PCBs: Aroclor 1242, Aroclor 1248, Aroclor 1254, and Aroclor 1260

Pesticides: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, beta-BHC, aldrin, dieldrin, heptachlor, and hexachlorobenzene

Metals: Aluminum, antimony, arsenic, barium, cadmium, calcium, chromium, cobalt, copper, iron, lead, manganese, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

PFAS: PFOA and PFOS

6.1.3 Surface Water

VOCs: No compounds detected above SCGs

SVOCs: Bis(2-ethylhexyl)phthalate

PCBs: Aroclor 1248, Aroclor 1254, and Aroclor 1260

Pesticides: No compounds detected above SCGs

Metals: Aluminum, cobalt, iron, mercury, and vanadium

PFAS: No compounds detected above SCGs

6.1.4 Groundwater

VOCs: Benzene, methyl ethyl ketone, vinyl chloride, and xylenes

SVOCs: 1-4-dioxane, phenols (2,4-dimethylphenol, 3&4-methylphenol, 4-methylphenol, and 4-nitrophenol), bis(2-ethylhexyl)phthalate, nitrobenzene, and 2,6-dinitrotoluene

PCBs: Aroclor 1232, Aroclor 1242, Aroclor 1254, and Aroclor 1260. Homologs including monochlorobiphenyls, dichlorobiphenyls, trichlorobiphenyls, tetrachlorobiphenyls, pentachlorobiphenyls, hexachlorobiphenyls, and heptachlorobiphenyls

Pesticides: alpha-BHC, beta-BHC, delta-BHC, aldrin, dieldrin, endrin, and hexachlorobenzene

Metals: antimony, arsenic, barium, cadmium, copper, iron, lead, magnesium, manganese, nickel, sodium, and zinc

PFAS: PFOA and PFOS

6.1.5 Soil Vapor

No soil vapor samples collected per the RI or SRI scope of work.

6.1.6 Sediments

Sediment was determined not to be present in the area of concern.

6.2 General Description of Fate and Transport Mechanisms

This section provides general descriptions of the fate and transport processes that can occur in the environment in which samples were collected as part of the site investigations. In addition, the site characteristics that can affect these processes are discussed.

6.2.1 Transport Processes

Contaminant transport can occur as erosion or runoff at or above ground surface and, in the subsurface, can occur as migration of dissolved contaminants in groundwater or volatilized contaminants in soil vapor. The primary transport mechanisms are mass partitioning, advection, and dispersion.

Mass partitioning is a process in which contaminants move between different environmental media in response to concentration gradients and thermodynamic principles. Examples of mass transport include contaminants dissolved in groundwater that sorb (i.e., attach) onto soil particles or volatilize into soil vapor. The net result of mass partitioning is the distribution of the contaminant between all phases that remain in physical contact with each other. Sorption acts to inhibit the migration of contaminants in groundwater or soil vapor by immobilizing a part of the mass in the soil matrix (retardation). However, the process may be reversed, resulting in the release of the sorbed contamination into the groundwater or soil vapor.

In the unsaturated zone (i.e., between ground surface and the water table), the total mass of a contaminant is partitioned between the dissolved phase (soil moisture), the gas phase (soil vapor), and the solid phase (soil matrix).

In the saturated zone, the soil vapor phase is absent, and the partitioning occurs only between the soil matrix and groundwater. Under equilibrium conditions, each phase contains a fraction of the total contaminant mass present in the system (i.e., total of all phase's equals 100 percent of the contaminant mass present). The relative mass fractions are determined by the properties of each contaminant and by the nature of the soil matrix. Equilibrium conditions may be disturbed by phenomena such as migration of contaminated groundwater or soil vapor into an area, or removal of contaminant mass from one (1) of the media through degradation processes or gravity flow. Under these circumstances, concentration gradients are created resulting in the occurrence of mass transfer between the media.

The contaminant mass sorbed onto the soil matrix is essentially immobile, while it remains sorbed. The exception is the mass in the topmost soil layer, which can be transported by processes capable of moving soil particles (e.g., wind, surface water runoff). Sorbed contaminants are generally considered to be in equilibrium with the surrounding aqueous and gas phases. Contaminants in the aqueous phase partition into the sorbed phase in a reversible process, which can greatly slow the migration of dissolved-phase contaminants, particularly that are hydrophobic and therefore preferentially sorbed to the soil matrix.

Transport of contaminants dissolved in the soil moisture in the unsaturated zone is generally limited as a result of very low flow rates in the absence of full saturation. Mechanisms that may influence soil moisture conditions in the unsaturated zone include infiltration of precipitation, groundwater level fluctuations, gravity-driven downward flow during wet-weather periods or flooding from and/or the proximity of nearby waterbodies, and other possible water sources, such as leaking sewer or water lines. Such vertical transport of contaminants acts as a source for the saturated zone.

The contaminant mass contained within the soil vapor and within groundwater in the saturated zone is more mobile. Soil vapor can migrate in both vertical and horizontal directions in response to pressure gradients, such as those induced by barometric pressure changes or changes in groundwater levels. Such soil vapor migration can create a discharge of contaminants into the atmosphere or building basements. Migrating soil vapor may transfer mass into the soil matrix and soil moisture in previously uncontaminated areas, although such mass transfer is typically limited.

The primary transport mechanisms for contaminants dissolved in groundwater are advection and dispersion. Advection is the movement of the dissolved contaminants carried by the flow of groundwater. Dispersion refers to the spread of dissolved contaminants due to the presence of non-uniformities of the groundwater flow field (mechanical dispersion) and due to diffusion along contaminant concentration gradients (molecular diffusion). Dispersion results in a general widening of a plume and is responsible for the concentration gradients at the plume boundaries. The magnitude of dispersion is site-specific but acts to spread and dilute dissolved-phase concentrations as the plume migrates downgradient. Advection and dispersion can enable dissolved contaminants to reach a previously uncontaminated area and enter other environmental media (i.e., sorption to the soil matrix or volatilization into soil vapor).

Partitioning of contaminants from soil-to-soil vapor is driven by the vapor pressure of the compound. Partitioning from groundwater to soil vapor is driven by the ratio of vapor pressure to aqueous solubility, a ratio described by the Henry's Law Constant. Contamination migrating in soil vapor or groundwater constantly interacts with the soil matrix. The driving forces behind this process are created by concentration gradients between different phases and the properties of the contamination and the soil matrix. Contaminant mass may either sorb from the mobile soil vapor or groundwater onto the soil particles or it may undergo a reverse process of desorption.

In the case of sorption, contaminant mass is transferred from groundwater into soil. This process is driven by thermodynamic equilibria, where low solubility compounds (e.g., PCBs) are more likely to partition out of the dissolved phase onto the soil phase than high solubility compounds (e.g., sodium). This phenomenon tends to decrease the velocity of low solubility contaminant migration and is referred to as retardation. The magnitude of the retardation depends on the properties of each contaminant and the soil matrix. A key indicator parameter for the retardation properties of the soil is the organic carbon content. Soils with high organic carbon content sorb dissolved organic contaminants more readily and create a more significant retardation effect than soil with limited, or no organic carbon content. The sorption of inorganic constituents in groundwater can also be affected by the organic carbon content of soil, although other processes, such as the groundwater pH, oxidation-reduction potential, and reactions with other constituents also affect the mobility of inorganic species.

6.2.2 Mass Destruction Processes

Abiotic mass destruction processes that rely on the presence of air or exposure to sunlight (such as hydrolysis and photolysis) have not been proven to be effective on the contaminants present in the surface soil at the Site and surrounding area. Therefore, abiotic mass destruction processes, such as hydrolysis and photolysis, have little impact within the subsurface and are not discussed further herein.

The most significant mass destruction process that takes place in subsurface environment is microbial degradation. The most significant microbial degradation processes for organic contaminants in groundwater systems include biological oxidation (aerobic and anaerobic); reductive dechlorination; and cometabolic degradation. During degradation, organic compounds are transformed into daughter forms, which can be either recalcitrant or further degradable. Daughter compounds can also be either more or less toxic than the parent compounds. In some cases, contaminants can be fully metabolized into such compounds as carbon dioxide or methane, water, and salts. The primary organic contaminants at the Site, PCBs and PFAS, are notoriously resistant to biodegradation, and inorganic species are not subject to biodegradation, and therefore such processes are not expected to be significant for most contamination present at the Site.

6.2.3 Properties of Contaminants

This section discusses the properties of the contaminants identified that will impact their fate and transport. As described in Section 5.0, groups of compounds detected at concentrations above SCGs include: VOCs, SVOCs, PCBs, pesticides, metals, and PFAS.

6.2.3.1 VOCs

In general, VOCs have high vapor pressures and readily volatilize into the atmosphere or soil vapor. At the surface, these compounds may volatilize to the atmosphere. VOCs are moderately soluble in water and can therefore be transported by advection and dispersion in groundwater or surface water. In surface water, VOCs tend to volatilize to ambient air and therefore migration through surface water tends to be limited, particularly given the effects of dilution in surface water.

VOCs detected at concentrations above SCGs are acetone in soil, and, benzene, methyl ethyl ketone (2-butanone), xylenes, and vinyl chloride, in groundwater. Ketones (including acetone) are volatile and highly soluble in water. They are characterized by very low organic carbon-to-water partitioning coefficients. The degree to which they sorb into the soil matrix is insignificant and their mobility in the environment is very high. The biodegradability of ketones is generally relatively high and occurs under aerobic conditions.

Benzene is mobile in soil vapor and water. Xylenes are moderately soluble in water. These compounds are readily biodegraded under aerobic conditions and can degrade under anaerobic conditions, albeit at slower rates. They have low to moderate organic carbon-to-water partitioning coefficients, making them relatively mobile in the environment.

6.2.3.2 SVOCs

Generally, SVOCs are characterized by low to moderate volatility and low to very low solubility in water, and a high organic carbon-to-water partitioning coefficient. As a result, they are relatively immobile, and typically sorb onto the soil matrix. The potential for leaching from soil to groundwater or surface water decreases as the compound's molecular weight increases. As a result, the primary transport mechanism for SVOCs is mechanically by wind and erosion/particle entrainment. Biodegradation rates are generally relatively low.

SVOCs detected at concentrations above SCGs include PAHs, phenols, phthalates, 2,6-dinitrotoluene, dibenzofuran, and 1,4-dioxane. PAHs are often associated with the combustion of organic materials and are commonly found at elevated levels in industrial areas and adjacent to roadways. PAHs are characterized by low volatility, low solubility in water, and a high carbon-to-water partitioning coefficient. As a result, they typically sorb onto the soil matrix enough to greatly retard migration in groundwater. Biodegradation rates are relatively low.

Phenolic compounds are moderately volatile, and their solubility in water is relatively high. They do not readily sorb into the soil matrix due to their low organic carbon-to-water partitioning coefficients. As a result, they are highly mobile in the environment. They are relatively biodegradable in anaerobic conditions.

Phthalates are characterized by low volatility and low solubility. They have a strong tendency to sorb onto soil, and consequently, are primarily transported mechanically by wind and erosion/particle entrainment. Phthalates are biodegradable, primarily under aerobic conditions.

Dinitrotoluene has low volatility, moderate water solubility, low organic carbon-to-water partitioning coefficients, and only a slight tendency to sorb to solids. They do not tend to volatilize from water or soil but do have potential to be transported by groundwater or surface water. In water and soil, dinitrotoluene can degrade in oxygenated water in the presence of light, and in anaerobic environments with the right mix of biota; but in anaerobic environments lacking the appropriate microbes, dinitrotoluene can be persistent.

Dibenzofuran is characterized by low volatility, low solubility in water, and a high organic carbon-to-water partitioning coefficient. As a result, it is relatively immobile and typically associates with the soil matrix. Leaching and subsequent advective transport is an unlikely migration pathway for dibenzofuran. It tends to sorb to soil particles and consequently may be transported mechanically by wind and erosion/particle entrainment. Dibenzofuran is relatively non-biodegradable.

1,4-Dioxane oxidizes when in sunlight and is short-lived when exposed to the atmosphere. However, 1,4-dioxane is miscible in water and is likely to leach from soil to groundwater. Once in the groundwater, 1,4-dioxane has low potential for volatilization. Advection and dispersion are the main transportation mechanisms. Because 1,4-dioxane mixes readily with water, it can migrate rapidly in groundwater with little retardation and is relatively resistant to biodegradation in the subsurface.

6.2.3.3 PCBs

PCBs are generally stable compounds, characterized by low solubility, low volatility, and high resistance to degradation. They readily sorb into soil due to a high organic carbon-to-water partitioning coefficient. As a result, PCBs are quite immobile in the environment and are typically confined to soil matrices.

The persistence of PCBs increases with an increase in the degree of chlorination whereby mono-, di-, and trichlorinated biphenyls can biodegrade under favorable conditions; tetrachlorinated biphenyls biodegrade slowly; and higher chlorinated biphenyls are resistant to biodegradation. Overall, PCBs are persistent and immobile in the environment.

6.2.3.4 Pesticides

The properties of pesticides vary significantly. Pesticides included chlorinated pesticides (e.g., 4,4'-DDT, gamma-BHC, aldrin) and their degradation products. Chlorinated pesticides have properties similar to PCBs: low volatility, low solubility in water, high organic carbon-to-water partitioning coefficients, and resistance to biodegradation. As a result, chlorinated pesticides are relatively persistent and immobile and typically sorbs onto the soil matrix.

6.2.3.5 Metals and Other Inorganic Species

Metals are persistent, and they may form complexes with other elements. They do not volatilize or degrade. However, some metals form soluble complexes and are then mobile in groundwater. The preference of metals towards soil sorption as opposed to dissolution in water depends on the acidity or oxidation-reduction potential of the system, the local geochemistry (certain anions form mobile complexes with one [1] metal but not another), and tendency of the metals to sorb to soil particles. The potential for sorption is affected by soil mineralogy and organic carbon content with clay soils and high organic soils having higher potential to sorb metals and restrict their bioavailability.

The inorganic species with the most potential for mobility include the following:

- Sodium, which is highly soluble and mobile under environmental conditions,
- Arsenic, manganese, and iron, which tend to be more soluble and mobile under anaerobic conditions, which may attenuate with distance from the source(s).
- Barium, nickel, and lead are more prone to sorption and precipitation under environmental conditions, as evidenced by the concentrations of these constituents detected outside the footprint of the ASR waste, which are below SCGs.

6.2.3.6 PFAS

PFAS can be released into the air, water, and soil in places where they are produced or used. The highest levels are typically found near facilities that have made PFAS or used aqueous film forming foams (AFFF) for firefighting and can be found in plastics associated with automobile manufacturing. PFAS do not occur naturally and do not readily biodegrade. As a result, they are persistent in the environment. PFAS are highly soluble in water and have very low volatility and can be transported long distances via groundwater or surface water.

The specific processes governing PFAS fate and transport are complex, and the environmental science surrounding AFFF and PFAS is rapidly evolving. In general, PFAS can be cationic, anionic, or zwitterionic, and therefore fate and transport properties can vary depending on the geochemical environment. Most PFAS, including PFOA and PFOS, are anionic at environmental pH and therefore carry a negative charge. As such, they are relatively mobile in the environment. However, because pH affects ionization of many PFAS, their propensity for sorption can vary with pH. Many PFAS are amphiphilic with a hydrophobic tail and hydrophilic head, which gives them surfactant properties that result in concentration of such PFAS at interfacial boundaries (e.g., the water table) and even promote migration through the capillary fringe.

6.3 Fate and Transport

The topography within the parcel is relatively flat except for the ASR waste pile and the Town of West Monroe municipal solid waste landfill areas, which have about 20 feet of relief from the top of the landfill to the surrounding grade. The parcel is mostly vegetated. The ASR waste pile was not capped, but over time grasses, plants, and scrub brush has created a thin layer of vegetative cover and organic soil. However, waste is still visible in many areas.

Threemile Creek is adjacent to the southwest corner of the parcel, and a tributary to Scriba Creek is present at the northeast corner of the parcel. There are no water bodies on the ASR waste pile. Wetlands are located partially on and adjacent to the ASR waste pile. The presence of standing water in wetlands adjacent to the ASR waste pile varies and may be absent during dry periods, or it may increase as a result of beaver activity.

Unconfined groundwater occurs at depths ranging from about 0 to 20 feet bgs. The highest groundwater elevations were encountered in the center of the ASR waste pile. Groundwater generally flows in a radial pattern off the ASR waste pile and town landfill. Regional groundwater flow is to the south toward Threemile Creek and Oneida Lake. However, locally, some groundwater flow is expected to migrate northeast toward the tributary to Scriba Creek.

6.3.1 Fate and Transport in the Unsaturated Zone

The primary contaminants are PCBs, metals, PFAS, and SVOCs with localized detections of pesticides and VOCs.

Migration

The migration of contaminants in the unsaturated zone has three (3) possible processes: migration of the sorbed contamination with fugitive dust emissions erosion due to surface runoff, migration of dissolved phase contaminants with infiltrating precipitation, and migration of the volatilized contaminants in the soil vapor.

As the Site and surrounding area is mostly covered with vegetation with few areas of exposed soil, migration through surface water runoff and fugitive dust emissions is anticipated to be minor, although localized erosion is possible and historical migration via erosion is believed to have been a significant process. The most likely methods for contaminant migration in the unsaturated zone are through dissolution vertical migration due to precipitation infiltration (for PFAS) and possibly volatilization from groundwater into soil vapor for VOCs (which were only detected above SCGs in groundwater).

Infiltration-induced migration is only expected to be significant for the contaminants with higher solubility, such as PFAS and inorganic species that are present in soluble forms, and lower for SVOCs, PCBs, and pesticides because of their lower solubility in water. For metals present in ASR waste, many are likely to be present in solid phases (e.g., flakes of metal car parts) that are not particularly susceptible to dissolution.

At high enough concentrations, contaminants can enter the soil vapor through volatilization. This pertains primarily to VOCs. Analytical data shows that there are minimal elevated levels of VOCs present at the Site and, as a result, the migration of contaminants through the vapor phase is likely to be minimal. Furthermore, the depth to groundwater outside the ASR Waste Pile is very small, and therefore migration through soil vapor to ambient air would be the dominant migration pathway, rather than horizontal migration.

Degradation

There are few contaminants detected that can be aerobically degraded. Degradation of most of the contaminants detected (e.g., PAHs, PCBs, pesticides, metals, and PFAS) is anticipated to be minor due largely to their recalcitrant nature and lack of moisture and mass transfer in the unsaturated zone.

6.3.2 Fate and Transport in the Saturated Zone

Migration

Compounds detected that are most susceptible to migration in the groundwater are VOCs, PFAS and 1,4-dioxane. Groundwater monitoring shows that groundwater flow is radially away from the ASR waste pile. Therefore, the migration of the contaminants by advection would follow this radial flow pattern, although concentrations of VOCs and 1,4-dioxane, which are primarily found at concentrations within an order of magnitude of SCGs, have limited migration potential due to dilution through dispersion. PFAS, on the other hand, are present at concentrations well above SCGs at some locations and are the primary constituent with potential for migration through groundwater flow.

Degradation

Of the contaminants detected, VOCs in groundwater can degrade by both aerobic and anaerobic processes, and some phenolic compounds would typically degrade in anaerobic environments. However, dissolved oxygen (DO) measurements recorded during groundwater sampling identified low DO levels, generally less than 0.5 m/L, and ORP measurements were mostly negative, which indicates an anaerobic environment. None of the detected contaminants degrade readily by anaerobic biodegradation.

PCBs, PFAS, and most SVOCs detected are generally recalcitrant and therefore, degradation of these contaminants at the Site is expected to be minimal to nonexistent. Metals do not degrade.

6.3.3 Fate and Transport in Surface Water

Migration

Contaminant impacts in surface water can occur by direct disposal in the water body, surface water runoff, and groundwater discharge to surface water. The ASR waste pile is immediately bounded by wetlands to the north and east, which is why surface water and soil samples were collected from the adjacent wetlands. Although the ASR waste pile is covered with vegetation, some historical contaminant migration is understood to have occurred through erosion due to surface water runoff.

Contaminants detected at concentrations exceeding surface water criteria include aluminum, iron, vanadium (one [1] detection), and PFAS. Aluminum concentrations did not exceed groundwater criteria in samples from the ASR waste pile, and its presence in the surface water is likely associated with aluminum (contamination or naturally occurring) in soil. Iron is ubiquitous across the parcel and is likely related to the reducing conditions downgradient of the town landfill and naturally occurring in groundwater in wetland soil. Iron in surface water is likely related to these reducing conditions, but it could be derived from material in the ASR waste pile, the town MSW landfill, or native soils. Vanadium was only detected in one (1) surface water sample, and it was not detected in groundwater or soil samples, and its presence is likely related to localized soil impacts. PFAS were detected in ASR groundwater and their presence in surface water may be related to groundwater-surface water interaction or to dissolution from impacted soil.

PFAS can migrate through surface water. However, in surface water, dilution by direct precipitation and runoff from uncontaminated surface soils limits the potential for downstream detection of site-related PFAS in surface water.

Degradation

Metals and PFAS do not biodegrade to any significant extent, therefore there is no reduction of these compounds by degradation processes.

6.3.4 Fate and Transport in Wetland Surface Soil

Migration

Contaminants in surface soil may be present due to direct disposal or from erosion related to surface water runoff. The potential for continued migration due to erosion is limited due to the vegetative cover and the flat topography beyond the ASR pile.

Degradation

SVOCs, PCBs, metals, and PFAS do not biodegrade to any significant extent. If the presence of these constituents is from past waste disposal operations, it is unlikely these constituents degraded to any significant extent since that time.

6.4 Evaluation of Fate and Transport

Considering the discussion above, there is little potential for migration of contaminants, aside from erosion of surface soil into surface water during extreme storm events and migration of PFAS through groundwater flow. Migration of PFAS through surface water is feasible, albeit limited due to dilution by runoff of precipitation.

7. Qualitative Human Health Exposure Assessment and Fish and Wildlife Assessment

This section presents the HHEA and the FWRIA. This qualitative HHEA uses data and information collected during the historical and recent Fortino Site investigations to assess human health exposure in the immediate and surrounding areas. The qualitative HHEA provides an evaluation of potential adverse health effects under current and potential future site conditions that may result from exposure to contaminants attributable to former activities at the Site.

7.1 Qualitative Human Health Exposure Assessment

This qualitative HHEA follows the general format and procedures set forth in DER-10. This qualitative HHEA uses data and information collected during site investigations and appropriate information from site characterization activities to assess human health exposure in the immediate and surrounding areas. The qualitative HHEA provides an evaluation of potential adverse health effects under current and potential future site conditions that may result from exposure to contaminants attributable to former activities at the Site. The HHEA includes five (5) components which are presented in this SRIR:

1. Description of contaminant source(s) (if known) and contaminated environmental media.
2. Explanation of the contaminant release and transport mechanisms to the exposed population (see Section 6).
3. Identification of exposure points where actual or potential human contact with a contaminated medium could occur.
4. Description of the routes of exposure to potential human receptors (i.e., via ingestion, inhalation, dermal absorption).
5. Characterization of the receptor populations who may be exposed to contaminants at a point of exposure (e.g., construction worker, onsite employee, public).

7.2 Source(s) of Contamination

The Fortino Tire Site was historically utilized as a municipal waste accumulation area and a used tire and ASR waste accumulation area, receiving shredded automobile interior components. Waste tires and automobile metal components are still present within the ASR waste pile. Due to the nature of the waste received at the Site, VOCs, SVOCs, PCBs, metals, and PFAS are all likely to have originated from the ASR and automobile waste. Pesticides were likely applied to ground surface during the Site's operation as a waste disposal facility.

It should be noted that the property located immediately west adjacent of the ASR waste was utilized as a municipal waste accumulation area by the Town of West Monroe, which may have also contributed to the contamination found on-site and in adjacent areas.

7.3 Identification of Contaminants of Concern

Based upon the analytical data obtained and presented in Section 5, the chemicals listed in Section 6.1 include all chemicals, organized by media of concern, for which there was at least one (1) sample in at least one (1) location where SCGs were exceeded. A "medium of concern" is identified as a physical medium (e.g., soil, groundwater) in which one (1) or more contaminants were detected at concentrations exceeding their SCGs. Media of concern include surface water, surface soil, subsurface soil, and groundwater. Soil vapor is not a current medium of concern given that the majority of contaminants are not sufficiently volatile, the migration pathways are incomplete, and there are no overlying buildings present. Sediment was initially identified as a medium of concern within the Wetland area; however, following an on-site meeting with the NYSDEC Fish and Wildlife team, it was determined that all surficial samples are deemed soil due to the dry and densely vegetated conditions observed. Sediment was determined not to be present in the area of concern.

The primary contaminants of concern (COCs) include SVOCs, PCBs, metals, and PFAS in surface water, soil, and groundwater, as well as VOCs and pesticides in soil and groundwater. The contaminants of concern in each media are listed in **Table 7-1**.

7.4 Exposure Pathways

An exposure pathway is the manner by which an individual may come in contact with a contaminant. The exposure pathway is complete when all five (5) elements associated with exposure pathways are documented (as per Section 7.1). If any of the five (5) elements comprising an exposure pathway have never existed in the past, do not exist in the present, and are likely to not exist in the future, then an exposure pathway can be eliminated.

The parcel is partially open fields, partially wooded, and contains protected wetlands. The Site includes the ASR waste pile, which is a large mound with an estimated 55,000 cubic yards of waste. Although the waste pile was not capped, natural grasses, plants, and scrub brush have created a thin layer of vegetative cover and soil over time. The parcel is zoned for residential use, is in a rural setting, and is currently inactive and unoccupied land. However, given its previous use for waste disposal, and since the surrounding wetlands have a flooding history, future development of the land is unlikely. The nearest occupied properties are the residential parcel located approximately 2,000 feet south of the ASR area on Pinnacle Road Spur and residential parcels located approximately 2,000 feet north of the ASR area on Grannis Road, but which are considered to be upgradient or cross-gradient of the Site. Wetlands are located partially on and adjacent to the north and east of the Site. Threemile Creek is adjacent to the southwest corner of the parcel, and a tributary of Scriba Creek is present on the north and northeast portions of the Site. These creeks are classified by NYSDEC as Class C surface water bodies, which are best used for “fishing...suitable for fish, shellfish and wildlife propagation and survival...suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes” (6 CRR-NY 701.8). There are no water bodies on-Site. The parcel and surrounding lands are also located in a rural setting with wooded areas where hunting is possible.

Under the current and continued use of the Site and surrounding areas, the relevant human receptors include short-term workers who may be involved in occasional Site maintenance, construction, and/or remediation activities; visitors or trespassers who may enter the property occasionally; recreational visitors who may use the adjacent creeks for fishing and lands for hunting; and long-term residents on neighboring residential properties.

The potentially complete exposure pathways include direct contact with surface soils by short-term workers and visitors; dust inhalation with surface soils by all relevant human receptors; direct contact with subsurface soils and groundwater by short-term workers; ingestion of potable groundwater by neighboring residents; direct contact with surface water by short-term workers, visitors, trespassers, and recreational visitors; and consumption of fish or wildlife by recreational visitors.

Incomplete exposure pathways include inhalation of outdoor air since contaminants released into the environment would be quickly dispersed and diluted; and inhalation of indoor air since there are no buildings on or within vicinity of the Site and the absence of complete migration pathways. There are no long-term workers expected at the Site or surrounding areas, given the lack of buildings and infrastructure and unlikelihood of development of the Wetland, Upland, and waste disposal areas.

Table 7-2 summarizes the rationale for identifying complete exposure pathways. The following subsections present the exposure pathways assessed for the Site under the current and continued inactive and unoccupied land use scenario.

7.4.1 Subsurface Soil

Subsurface soil is not accessible to most human receptors, except for short-term construction workers who could come into contact with contaminated subsurface soil during ground intrusive activities. However, it is standard industry practice for construction workers to follow a health and safety plan during ground intrusive work, including the use of personal protective equipment (PPE), such that the actual exposure to contaminated subsurface soil is expected to be minimal.

7.4.2 Surface Soil

The Site or surrounding areas are partially open fields, partially wooded, and contains protected wetlands. Although the waste pile was not capped, natural grasses, plants, and scrub brush have created a thin layer of vegetative cover over time. Some areas of the Site are uncovered and therefore surface soils may be disturbed.

Soil particulates could be dispersed as dust throughout the Site and neighboring properties during significant ground disturbance and/or high winds and inhaled by on- and off-Site receptors. Direct contact with surface soils may also occur for on-site receptors, including trespassers, who walk, bike, or drive across the Site.

Based on the age of the source of contaminants (i.e., from the historical placement of waste) and the natural succession of vegetation cover over time, the soils are generally covered, are well compacted, and it is unlikely that surface soils will be significantly disturbed in a typical day by individuals walking in the area such that direct contact or dust inhalation would be a concern. Trespassers using the Site for recreational activities, such as dirt biking, may tear up the ground, destroy vegetation, and create dust. Unsanctioned use of the Site for these activities may result in exposure to contaminated surface soil.

Should any ground disturbance activities be conducted during maintenance or construction work, it is standard industry practice for workers to follow a health and safety plan, including the use of PPE, and a CAMP which would monitor dust, such that the occupational exposure to contaminated soil is expected to be minimal.

7.4.3 Surface Water

Surface water bodies are located within vicinity of the Site and may be accessed by visitors and/or trespassers who walk or drive and who may handle the surface water. Surface water near the Site is limited to ponded areas with exposure pathways consisting of dermal exposure, because the water would not be used as a drinking source. Therefore, the potential for exposure to contaminants via direct exposure to surface water is minimal.

7.4.4 Groundwater

Contaminated groundwater is not currently being used for drinking water on-Site or surrounding areas, and it is not anticipated that on-site groundwater would be used for potable purposes in the future. Although some surrounding properties are serviced by private potable wells, including at residential properties to the north and south of the Site, these wells are located upgradient / uphill of the Site. In addition, the wetlands north of the Site are expected to form a groundwater divide that would prevent site contaminants from migrating to residential wells. As such, it is unlikely for neighboring residents to be exposed to on-site contaminants via ingestion of drinking water.

Groundwater on-site is not physically accessible to most human receptors, except for short-term construction workers who could come into contact with contaminated groundwater during ground intrusive activities. However, it is standard industry practice for construction workers to follow a health and safety plan during ground intrusive work, including the use of PPE, such that the actual exposure to contaminated groundwater is expected to be minimal.

7.4.5 Ingestion of Fish or Wildlife

Threemile Creek and the tributary of Scriba Creek are classified as Class C surface water bodies, which may be used for fishing. The surface water in which COCs have been detected is limited to ponded Wetland water located immediately adjacent to the ASR waste pile, and impacts do not extend far from the waste pile. The habitat near and adjacent to the ASR waste pile is heavily vegetated and stagnant and not suitable for fish, and there is no exposure pathway for fish consumption from the Site.

The parcel and surrounding lands are located in a rural setting with wooded areas where hunting is possible. The land located to the east of the parcel along Scriba Creek is zoned for private residences and hunting and fishing clubs, suggesting that recreational hunting and fishing of downstream waters may occur in the area. The proportion of time wildlife spend in the area of highest contamination near the ASR waste pile is expected to be limited based on the abundance of higher quality habitat nearby and vegetation would reduce direct exposure to surface soil contamination.

As such, off-site recreational visitors could ingest contaminated fish and/or wildlife that have foraged on and taken up contaminated soil or water. However, given the history of the Site to have been used as a waste disposal facility, it is unlikely for recreational visitors to frequent the area, such that the actual exposure is expected to be minimal, if at all. This evaluation was based on contaminants identified in soil, groundwater, and surface water, which could theoretically be taken up by fish and wildlife. Biota samples were not collected.

7.4.6 Summary

Under the current and continued use and conditions of the Site and surrounding areas, there are complete, albeit minimal, human health exposure pathways from surface soil, subsurface soil, groundwater, and surface water for the on-site short-term construction workers and visitors / trespassers, the off-site recreational visitors, and the neighboring residents.

7.5 Fish and Wildlife Resources Impact Analysis

A FWRIA has been prepared for the Site and is presented in **Appendix S**. The FWRIA follows DER-10 guidance provided by the NYSDEC (NYSDEC 2010). The final step of the Part 1 FWRIA (Step 5) draws conclusions regarding the actual or potential adverse impacts to fish and wildlife resource based upon the resources and pathways identified and the toxicity of the contaminants of ecological concern.

The Fortino Tire Site and surrounding areas contain a range of cover types, including low quality landfill/successional areas where the former tire landfill was situated, and higher quality surrounding forests and wetlands. There are no water bodies on Site that would support a permanent fish community.

Fish and wildlife resources may be impacted at the site. Wildlife may be exposed to contaminants in surface water, soil, and consumption of contaminated plants and/or animals. Bioaccumulative contaminants including mercury, PAHs, pesticides, PCBs, and PFAS were detected in soils.

The primary pathway of exposure is considered to be ingestion of contaminated surface water, surface soil, and/or prey. The areas where the highest concentrations of contaminants are present are generally the areas closest to the limits of the ASR. These areas are disturbed areas, where the vegetation is recovering and may have less wildlife use than the surrounding areas. Other areas with higher quality habitat and adjacent areas may experience higher wildlife usage.

These areas where the highest concentrations of contaminants were detected are the most likely areas to be targeted for remediation. The remediation of these areas would reduce the wildlife exposure risk.

A FWRIA Part 2 analysis will be required unless the remedy removes contamination to the ecologically protective criteria, at minimum in the top two (2) feet.

8. Summary and Recommendations

Based upon the results of the RI, SRI, and previous Site investigations, the following summary of the findings and recommendations is provided. The approximately 640 feet long by 400 feet wide ASR waste pile was initially characterized during previous studies. The objectives of the RI were to address data gaps in the horizontal and vertical extent of contamination outside of the ASR waste pile and to refine understanding of impacts within the ASR waste pile. Samples obtained during the RI and subsequent SRI were collected from surface water, surface and subsurface soil, and overburden groundwater. The results of sampling activities are detailed in Section 5.

8.1 Summary of Physical Characteristics and Geology

The Fortino Tire Site is located on a parcel at the northern end of Pinnacle Road Spur, West Monroe, Oswego County, New York (Oswego County Tax Map ID: 261.00-03-05). The parcel is currently abandoned, undeveloped, and classified on the tax record as “322-Residential Vacant Land Over 10 Acres” as defined by the New York State Office of Real Property Services. It is comprised of partially open fields, partially wooded, and contains protected wetlands. The parcel is located at the eastern boundary of the Town of West Monroe and is bound by private landowners in all directions. Surrounding property/parcel classifications include: “910-Private Wild and Forest Lands except for Private Hunting and Fishing Clubs” to the east; “322-Residential Vacant Land Over 10 Acres” to the north, northwest, and west; and “240-Rural Resident with Acreage” to the south. The last classification is reserved for year-round residential properties with up to three (3) year-round dwelling units situated on the land. Threemile Creek exists to the southwest, and the surrounding parcels consist mostly of undeveloped land with the closest residents approximately 2,000 feet to the north and 2,000 feet to the south. The areas of concern encompass approximately 10 acres within the 77-acre parcel, and the Site itself is limited to 4.3 acres encompassing the historic site uses. Town of West Monroe municipal waste was dumped immediately to the west, adjacent to the ASR waste pile.

The topography of the areas of concern are mainly flat outside of the ASR waste pile mound with roughly 20 feet of relief from the top of the ASR waste pile to the surrounding wetlands. The Site drains to the south. Outside the ASR waste pile, which is not capped, the parcel is mainly vegetated with natural grasses, plants, and scrub brush.

Overburden soil was the only soil encountered during drilling. Soil from the boring locations and test trenches consisted of native brown to pink-brown fine sands and silts which is overlying native till. Till was described as pink-brown and pink-gray gravelly sands and silts and was first encountered at depths ranging from 1 to as much as 24 feet bgs below the ASR waste pile. Fill, including ASR waste, was observed between 0 to 24 feet bgs in soil borings. The unconsolidated glacial sediments at the site overlie Medina Sandstone bedrock, which is estimated to be present at a depth of approximately 50 feet but was not encountered during the RI or SRI.

Unconfined groundwater occurs at depths ranging from 0 to approximately 20 feet bgs. The highest groundwater elevations are in the center of the ASR waste pile. Groundwater generally flows in a radial pattern off the ASR waste pile to the north, east, and southeast with a regional flow to the southeast along Threemile Creek toward Oneida Lake.

NYSDEC and USACE regulated wetlands are located partially on and surrounding the Site to the north and east. Historically, a portion of the Site limited to the roadway had partially flooded due to beaver activity. Threemile Creek is adjacent to the southwest corner of the parcel, and a tributary of Scriba Creek is present on the northernmost and northeastern portion of the parcel. These creeks are classified by NYSDEC as Class C surface water bodies, which are best used for “fishing...suitable for fish, shellfish and wildlife propagation and survival...suitable for primary and secondary contact recreation, although other factors may limit the use for these purposes” (6 CRR-NY 701.8). There are no water bodies located on-Site.

8.2 Summary of Remedial and Supplemental Remedial Investigations

Field activities were conducted during the RI from October 23, 2019 through November 27, 2019, from June 22, 2020 through June 26, 2020, on May 17, 2021, and on May 21, 2021. The RI focused on sampling the areas immediately surrounding the known limits of the ASR waste pile for VOCs, SVOCs, pesticides, PCBs, metals, cyanide, and PFAS. Select locations in soil also received herbicide analyses. Three (3) background locations were sampled to determine if the high metal concentrations detected in subsurface soil were naturally occurring at the Site. Six (6) surface water sample locations, 31 surface soil sample locations, 15 test trench locations, 20 soil boring locations, 15 groundwater

sample locations, three (3) background soil locations, and two (2) residential potable water wells were sampled during the RI.

Field activities during the SRI were conducted on October 24, 2022 and October 25, 2022, November 28, 2022 through December 22, 2022, January 3, 2023 through January 13, 2023, April 10, 2023 through April 19, 2023, May 15, 2023 through May 19, 2023, July 6, 2023, and February 2, 2024. The SRI was completed in two (2) phases to iteratively address data gaps from previous sampling. The SRI focused on sampling areas within and immediately surrounding the known limits of the ASR waste pile for VOCs, SVOCs, pesticides, PCBs, metals, cyanide, and PFAS. Phase I SRI sampling included 12 surface water locations, 41 surface soil locations, 72 soil boring locations, and 15 groundwater locations. Phase II SRI sampling included six (6) surface water locations, 23 surface soil locations, one (1) soil boring location, and 14 groundwater locations.

8.2.1 Subsurface Soil

ASR waste pile soil samples were collected from multiple different depth intervals at select locations between 72 Phase I soil boring SRI sampling locations and one (1) Phase II soil boring SRI sampling location. Samples were collected to characterize soil and fill within the known limits of the ASR waste area. Select subsurface soils from within the ASR waste were analyzed for VOCs, SVOCs, PCBs, pesticides, metals, cyanide, and PFAS compounds. Calculated concentrations of each analyte class were compared to 6 NYCRR Part 375.6 Remedial Program Unrestricted Use SCOs, Residential Use SCOs, and Protection of Groundwater SCOs. Samples were used to better characterize soils within the ASR waste area.

Exceedances of relevant Unrestricted Use SCOs noted at a minimum of one (1) location included the following:

- One (1) VOC (acetone) at 25 of 39 sample locations,
- One (1) or more of 13 SVOCs at 30 of 39 sample locations,
- Total PCBs at 69 of 73 sample locations,
- One (1) pesticide (4,4'-DDE) at one (1) of 39 sample locations,
- One (1) or more of 16 metals at 39 of 39 sample locations, and
- PFOS and/or PFOA at 37 of 39 sample locations.

Exceedances of relevant Residential Use SCOs noted at a minimum of one (1) location included the following:

- One (1) or more of 10 SVOCs at 22 of 39 sample locations,
- Total PCBs at 63 of 73 sample locations,
- One (1) or more of 12 metals at 39 of 39 sample locations, and
- PFOS and/or PFOA at 26 of 39 sample locations.

Exceedances of relevant Protection of Groundwater SCOs noted at a minimum of one (1) location included the following:

- One (1) VOC (acetone) at 25 of 39 sample locations,
- One (1) or more of nine (9) SVOCs at 16 of 39 sample locations,
- Total PCBs at 58 of 73 sample locations,
- One (1) or more of nine (9) metals at 28 sample locations, and
- PFOS and/or PFOA at 31 of 39 sample locations.

Acetone, SVOC, PCB, metals, and PFAS contamination is generally ubiquitous in soils within the ASR waste pile and is most likely attributable directly to ASR waste and former disposal operations on-site.

Acetone contamination was noted within the ASR waste area from surface to depths up to 12 feet bgs. Similarly, SVOC contamination was noted within the ASR waste from surface to depths up to 14 feet bgs. In native soils located below the ASR waste, VOCs were noted above applicable SCGs at just two (2) locations (SB-51 (9-10') and SB-61

(3-5')), while SVOCs were noted at just one (1) (SB-72 (10-12')). Detections of total PCBs ranged from surface to a depth of 25 feet bgs within the ASR waste area and were detected at concentrations above Unrestricted Use SCOs in native soils below the ASR waste in 12 samples. PCB contamination in native soils exceeded Residential Use SCOs in one (1) sample location (SB-72 (10-12')). Pesticide impacts to ASR waste soils were minimal and detected at one (1) location (SB-64 (0-2')). Similar to SVOC and PCB contamination, metal and PFAS contamination exists throughout the ASR waste area to depths up to 14 feet bgs and is assumed to be related to historical dumping of ASR waste on-site. PFOA was detected above Unrestricted Use SCOs in the native soils below the ASR waste at SB-61 (3-5') (2.3 ug/kg), PFOS was detected above Unrestricted Use SCOs in the native soils below the ASR waste at SB-81 (1-1.5') (8.0 ug/kg), and no detections of PFOS or PFOA above Residential Use SCOs in the native soils below the ASR waste. The following metals were detected at concentrations above the Unrestricted Use SCO in the native soils below the ASR waste (note that these samples were not corrected relative to background metals concentrations):

- Iron in 15 samples;
- Calcium in one (1) sample (SB-78 (20-22')); and
- Lead, copper and zinc in one (1) sample (SB-72 (10-12')).

Iron was the only metal detected above Residential Use SCOs in native soils below the ASR waste soils.

Soil samples from outside the ASR waste pile were collected from multiple different depth intervals at select locations for laboratory analysis. Both test trench and soil borings were completed to delineate and characterize soils surrounding the ASR waste pile and included a total of 35 sample locations (TT-01 through TT-15, SB-01 through SB-12, and SB-107 through SB-114). Detected concentrations of each analyte were compared to the same SCOs as noted above (Unrestricted Use, Residential Use, and Protection of Groundwater).

Exceedances of relevant Unrestricted Use SCOs noted at a minimum of one (1) location included the following:

- One (1) VOC (acetone) at four (4) of 35 sample locations,
- One (1) or more of 23 SVOCs at six (6) of 35 sample locations,
- Total PCBs at five (5) of 35 sample locations,
- One (1) or more of five (5) pesticides at five (5) of 35 sample locations,
- One (1) or more of 17 metals at eight (8) of 35 sample locations, and
- PFOS and/or PFOA at two (2) of 35 sample locations.

Exceedances of relevant Residential Use SCOs noted at a minimum of one (1) location included the following:

- One (1) or more of 22 SVOCs at three (3) of 35 sample locations,
- Total PCBs at one (1) of 35 sample locations,
- One (1) or more of 11 metals at four (4) of 35 sample locations, and
- PFOS at one (1) of 35 sample locations.

Exceedances of relevant Protection of Groundwater SCOs noted at a minimum of one (1) location included the following:

- One (1) VOC (acetone) at four (4) of 35 sample locations,
- One (1) or more of 18 SVOCs at two (2) of 35 sample locations,
- Total PCBs at one (1) of 35 sample locations, and
- Pesticides (alpha-BHC and endrin) at two (2) of 35 sample locations.

Metal concentrations were detected in samples exceeding Protection of Groundwater standards. However, following correction of metals concentrations based on background metals data as discussed in Section 3.4, there were no exceedances of metals identified as being related to ASR waste in soil outside the ASR waste pile.

Similar to VOC contamination in ASR soils, acetone was the only analyte detected at concentrations above applicable SCGs outside of the ASR. Acetone was detected at the immediate inferred extent of the ASR at three (3) locations, and one (1) location within 100 feet of the inferred extent of the ASR. Acetone exceedances at these locations ranged from surface to 3 feet bgs. In non-ASR waste pile subsurface soils, SVOCs were primarily detected immediately adjacent to the ASR waste pile, although the majority of detected analytes were encountered at the SB-08 location, which is located approximately 60 feet to the south of the inferred extent of the ASR waste pile. Concentrations of PCBs in soil decrease drastically outside of the ASR waste where they were detected at concentrations exceeding Residential Use SCOs at SB-04 (1-3') only. This location is in closest proximity to the ASR waste pile indicating PCB contamination associated with ASR waste has only migrated slightly beyond the ASR waste pile. Pesticides with concentrations that exceed relevant SCGs in non-ASR soil exist in close proximity to the known limits of the ASR (within 100 feet) at depths near surface (from 0 to 3 feet bgs) indicating the potential for pesticide use during the time the site was active. Metals outside of the ASR waste in subsurface soil were noted in locations in closest proximity to the northern known limits of the ASR waste (SB-04 (1-3'), TT-01 (1.5-2'), TT-03 (0.5-1')), and within 50 feet of the southern extent of the ASR waste (SB-08 (0.5-1')). PFOS was detected in non-ASR waste at concentrations above Residential Use SCOs at just one (1) location outside of the ASR waste pile: SB-04 (1-3') which is located in closest proximity to the inferred extent of the ASR waste.

8.2.2 Surface Soil

Surface soil samples were collected from multiple intervals at 49 locations in the Wetlands area (SD-01 through SD-52) and 41 locations in the Upland area (SS-01 through SS-41) between the RI and SRI Phase I and Phase II events. As described in Section 3.1, the original scope of work included the sampling of sediment media. However, following an on-site meeting with the NYSDEC and inspection of the sediment sampling locations on March 26, 2024, representatives from the NYSDEC Fish and Wildlife team determined that all samples originally deemed sediment samples be considered soil samples. These samples (SD-01 through SD-52, including SD-03R and SD-05R) are referred to as surface soil samples and evaluated as such. The exception is at sampling locations SD-13 through SD-16 to the southwest of the Site – these locations were considered sediment samples at the time of collection as they were below standing water. Sediment was determined not to be present in the area of concern.

Analyte concentrations detected in surface soil were compared to 6 NYCRR Part 375.6 Remedial Program Unrestricted Use SCOs, Residential Use SCOs, and Protection of Groundwater SCOs. Sample results were also compared to Unrestricted Use, Residential Use, and Protection of Groundwater guidance values as presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023).

Exceedances of relevant Unrestricted Use SCOs noted at a minimum of one (1) location included the following:

- One (1) VOC (acetone) at 36 sample locations (20 within the Wetland area and 16 within the Upland area),
- One (1) or more of 26 SVOCs at 31 sample locations (nine [9] within the Wetland area and 22 within the Upland area),
- Total PCBs at 48 sample locations (15 within the Wetland area and 33 within the Upland area),
- One (1) or more of seven (7) pesticides at 30 sample locations (16 within the Wetland area and 14 within the Upland area),
- One (1) or more of 18 metals at 92 sample locations (47 within the Wetland area and 45 within the Upland area), and
- PFOS and/or PFOA at 80 sample locations (46 within the Wetland area and 34 within the Upland area).

Exceedances of relevant Residential Use SCOs noted at a minimum of one (1) location included the following:

- One (1) or more of 15 SVOCs at 22 sample locations (four [4] within the Wetland area and 18 within the Upland area),
- Total PCBs at 26 sample locations (nine [9] within the Wetland area and 17 within the Upland area),
- Two (2) pesticides (aldrin and dieldrin) at five (5) sample locations (three [3] within the Wetland area and two (2) within the Upland area),

- One (1) or more of 12 metals at 92 sample locations (47 within the Wetland area and 45 within the Upland area), and
- PFOS and/or PFOA at three (3) sample locations, all within the Upland area.

Exceedances of relevant Protection of Groundwater SCOs noted at a minimum of one (1) location included the following:

- One (1) VOC (acetone) at 36 sample locations (20 within the Wetland area and 16 within the Upland area),
- One (1) or more of 16 SVOCs at 20 sample locations (four [4] within the Wetland area and 16 within the Upland area),
- Total PCBs at 12 sample locations (eight [8] within the Wetland area and four [4] within the Upland area),
- Two (2) pesticides (aldrin and dieldrin) at three (3) sample locations (two [2] within the Wetland area and one (1) within the Upland area),
- One (1) or more of 10 metals at 22 sample locations (13 within the Wetland area and nine [9] within the Upland area), and
- PFOS and/or PFOA at 50 sample locations (37 within the Wetland area and 13 within the Upland area).

Impacts to surface soil from the ASR waste extend primarily to locations within 60 feet of the inferred extent of the ASR. Most VOC exceedances (acetone was the only analyte) were identified within 50 feet of this limit, and SVOC contamination was identified similarly, primarily up to 60 feet from ASR waste. Each of the four (4) locations in the Wetland area where SVOC concentrations were detected in excess of Residential Use SCOs (SD-01, SD-03, SD-20, SD-24) are located within 40 feet of the inferred limits of the ASR waste pile. This is inferred to represent areas where mass wasting and erosion have carried contaminants from the ASR waste into low-lying areas near the Wetland. In the Upland area, the majority of exceeding locations are located within 60 feet directly south of the ASR waste pile limit and are inferred to represent areas where waste handling was formerly performed. PCB contamination in excess of SCGs in surface soil in the Upland and Wetland areas exists within 75 feet directly south or north of the ASR waste pile in areas where it is inferred waste handling was formerly performed. Pesticide exceedances in non-ASR surface soil in both the Upland and Wetland areas are located directly adjacent to the inferred limits of the ASR and are believed to have been used during previous remedial work on-site. The majority of SCG exceedances for metal analytes in surface soil are attributed to high iron concentrations in soils, outside of select locations where other metals were detected at concentrations exceeding SCGs which are located in close proximity to the known limits of the ASR. These impacts are inferred to represent areas where waste handling was formerly performed. In this media, PFOS and/or PFOA were detected at concentrations above Residential Use SCOs at three (3) locations in the Upland area, each of which are within 100 feet of the known ASR limits (SS-05, SS-16, and SS-32), and were not identified in excess of Residential SCOs in Wetland surface soils.

8.2.3 Sediment

Four (4) sediment samples were collected from 0 and 0.5 feet bgs at four (4) locations located southwest of the ASR waste pile (SD-13 through SD-16) during the RI Phase I event, outside of the area of concern.

Analyte concentrations detected in sediment were compared to 6 NYCRR Part 375.6 Remedial Program Unrestricted Use SCOs, Residential Use SCOs, and Protection of Groundwater SCOs, and to the NYSDEC (2014) Class A and Class C sediment guidance values. Sample results were also compared to Unrestricted Use, Residential Use, and Protection of Groundwater guidance values as presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023).

Exceedances of relevant Unrestricted Use SCOs noted at a minimum of one (1) location included the following:

- One (1) or more of three (3) pesticides at three (3) sediment locations,
- One (1) or more of four (4) metals at all four (4) sediment locations, and
- PFOS at two (2) sediment locations.

Exceedances of relevant Residential Use SCOs noted at a minimum of one (1) location included the following:

- Iron at four (4) sediment locations.

There were no exceedances of relevant Protection of Groundwater SCOs.

Exceedances of relevant Class A sediment guidance values noted at a minimum of one (1) location included the following:

- Zinc at one (1) sediment location.

Impacts to sediment are not likely associated with the ASR waste given the type and extent of exceedances identified.

There were no exceedances of relevant Class C sediment guidance values. Sediment was determined not to be present in the area of concern.

8.2.4 Surface Water

Analyte concentrations detected in surface water were compared to Class C SCGs given the proximity of the nearest surface water bodies classified by NYSDEC as Class C surface water bodies, including Threemile Creek to the south and a tributary of Scriba Creek to the northeast.

One (1) sample was collected from each of the six (6) surface water sample locations during the RI. There were no VOCs, SVOCs, PCBs, pesticides, cyanide, or PFAS detected in concentrations above SCGs. Exceedances of the Class C stream SCGs were noted for metals. Concentration in all six (6) surface water samples for two (2) metals (aluminum and iron) exceeded Class C stream SCGs. One (1) surface water sample result was also above Class C SCGs for vanadium.

Surface water samples were collected from 18 SRI sampling locations (SW-07 through SW-24) in the wetland area to the north of the Site. There were no VOCs, pesticides, cyanide, or PFAS detected in concentrations above current SCGs in these samples. Exceedances of the Class C stream SCGs were noted for SVOCs, PCBs, and metals in the wetland area to the north of the Site. One (1) surface water sample (SW-08) result was above Class C SCGs for bis(2-ethylhexyl)phthalate and is located immediately adjacent to the north end of the ASR waste and within 100 feet of the Town of West Monroe MSW landfill. Similarly, PCB contamination in surface water was identified in areas within 100 feet of the ASR waste and are assumed to be related to mass wasting of solid material from the ASR waste pile into these areas. Twelve surface water samples (SW-07 through SW-12, and SW-19 through SW-24) contained one (1) or more of the following metals at concentrations exceeding Class C SCGs: aluminum, iron, vanadium, cobalt, and mercury. Iron and aluminum are both likely ASR waste constituents and relatively abundant natural constituents of soil. Exceedances of SCGs for these metals were observed in all samples collected during the October 2019 and May 2023 sampling events, but none were observed in samples collected during the November 2022 sampling event. This pattern of data suggests that iron and aluminum concentrations are related to seasonal water levels, which can affect soil content of the samples, thereby elevating metals concentrations in surface water samples. Iron is also affected by the relative oxidation of water, and dissolved concentrations of iron are higher when oxygen is depleted. The highest concentration of iron (57 mg/L) was detected at SW-07, which is located 80 feet downgradient of the Town of West Monroe MSW landfill.

Cobalt and mercury concentrations exceeded Class C SCGs at surface water sampling locations SW-08 (approximately 10 feet northwest of the inferred extent of the ASR waste), SW-11 (approximately 75 feet northeast of the inferred extent of the ASR waste), and SW-12 (approximately 25 feet northeast of the inferred extent of the ASR waste) in areas downgradient or adjacent to the ASR waste. Cobalt and mercury concentrations also exceeded Class C SCGs at surface water sampling location SW-07, which is located approximately 75 feet downgradient of the Town of West Monroe MSW landfill, and at SW-09, which is located downgradient of both landfills (225 feet east of the MSW landfill, and 75 feet north of the inferred extent of the ASR waste). Vanadium concentrations also exceeded Class C SCGs at SW-07 and SW-09, as well as at SW-04, SW-11, and SW-12. These data suggest that metals detected in surface water are related to both landfills. Total PFAS concentrations in surface water are highest at surface water sampling locations SW-02, SW-19, and SW-24. The latter two (2) locations are located downgradient of the Town of West Monroe MSW landfill, and the former, which is the highest total PFAS concentration observed in surface water, is located adjacent to the northeast edge of the ASR waste. These data suggest that PFAS impacts could be related to both landfills.

8.2.5 Groundwater

Analyte concentrations detected in groundwater were compared to Class GA SCGs.

One (1) sample was collected from each of the 15 RI-installed groundwater monitoring wells over three (3) rounds of sampling conducted as part of the RI and SRI (November 2019, June 2020, and December 2022). Exceedances of the relevant Class GA SCGs were noted at a minimum of one (1) location during one (1) or each of the sampling events for the following analytes: three (3) VOCs (benzene, vinyl chloride, and xylene), six (6) SVOCs (1,4-dioxane, 2,6-dinitrotoluene, 4-nitrophenol, nitrobenzene, 3&4-methylphenol and 4-methylphenol[p-cresol]), total PCBs, six (6) pesticides (aldrin, alpha-BHC, beta-BHC, delta-BHC, dieldrin and endrin), nine (9) metals (antimony, arsenic, barium, iron, lead, magnesium, manganese, nickel, sodium) and PFOA and PFOS. Dissolved metals analysis was conducted on samples from the December 2022 event – iron and manganese were detected at concentrations above their respective Class GA SCGs.

PFOA concentrations were two (2) orders of magnitude above Class GA SCG of 6.7 ng/L in four (4) locations (FT-MW-101, FT-MW-103, MW-108, and MW-109). PFOS concentrations were two (2) orders of magnitude above the Class GA SCG of 2.7 ng/L in two (2) locations (FT-MW-103, and MW-107). Inorganic constituents iron, manganese, and sodium had concentrations at least one (1) order of magnitude higher than the Class GA SCGs at one (1) or more locations (iron at 12 locations (FT-MW-001, FT-MW-101, FT-MW-102, FT-MW-103, FT-MW-104, FT-MW-105, FT-MW-106, MW-108, MW-109, MW-110, MW-112, and MW-113), manganese at five (5) locations (FT-MW-104, FT-MW-106, MW-108, MW-109, and MW-112), and sodium at three (3) locations (FT-MW-103, MW-108, and MW-109)).

Exceedances of the relevant Class GA SCGs were noted at a minimum of one (1) location during the sampling event for the following: three (3) VOCs at six (6) locations, four (4) SVOCs at nine (9) locations, total PCBs at four (4) locations, six (6) pesticides at eight (8) locations, nine (9) metals at 15 locations, two (2) dissolved metals at 10 locations, and PFOA and/or PFOS at 12 locations.

One (1) sample was collected from each of the nine (9) monitoring wells installed in December 2022 and April 2023, as well as five (5) of the existing RI-installed monitoring wells. Exceedances of the relevant Class GA SCGs were noted at a minimum of one (1) location during the sampling event for the following: three (3) VOCs at two (2) locations, three (3) SVOCs at seven (7) locations, 12 metals at 14 locations, two (2) dissolved metals at seven (7) locations, and PFOS and/or PFOA at 11 locations.

VOCs (benzene, vinyl chloride, and xylenes) were detected at concentrations exceeding their respective SCGs primarily within monitoring wells located within the ASR waste area, indicating a relationship between ASR soil and the potential for associated impacts to groundwater in the ASR waste area. Benzene was also detected at concentrations above applicable SCGs in monitoring well sampling locations MW-108 and MW-109, which are located approximately 65 to 75 feet downgradient of the ASR waste. Benzene was not detected in wells at concentrations above SCGs located further downgradient. One (1) VOC (methyl ethyl ketone (2-butanone)) was detected at concentrations above its applicable SCG in MW-117 within an area that is approximately 300 feet from the known limits of the ASR waste. This was the only detection of methyl ethyl ketone (2-butanone) in groundwater.

1,4-Dioxane is the primary SVOC contaminant of concern in groundwater and is believed to be related to ASR waste. 1,4-Dioxane concentrations exceeded SCGs in three (3) monitoring well sample locations within the ASR waste area (FT-MW-101 through FT-MW-103) and eight (8) monitoring well sample locations outside of the ASR waste area (MW-108 through MW-111, and MW-117 through MW-120). The locations where 1,4-dioxane concentrations exceeded SCGs are located to the east, including the most downgradient wells located up to approximately 300 feet from the ASR waste area.

Total PCBs were detected at concentrations above SCGs in monitoring wells within the ASR waste area, but not beyond its limits, indicating PCB contamination in this media has not migrated from the source area.

Pesticides in groundwater were detected at concentrations exceeding Class GA SCGs during the 2019 and 2020 sampling events. During these sampling events, pesticides including aldrin, alpha-BHC, beta-BHC, delta-BHC, dieldrin, and endrin were detected in monitoring well sampling locations both within the ASR waste area and outside of the ASR waste area. No pesticides were detected in monitoring wells in the May 2023 sampling event.

Multiple metals, both total and dissolved, were detected in groundwater at concentrations exceeding Class GA SCGs in each monitoring well samples during the May 2023 sampling event. Total metals exceeded Class GA SCGs at MW-103R, MW-107, MW-108, MW-109, MW-113, MW-115, MW-116, MW-117, MW-118, MW-119, MW-120, MW-112, MW-122, and MW-121. Of these monitoring wells, all are located outside of the ASR waste pile area except MW-103R. Dissolved metals iron and/or manganese exceeded SCGs at MW-103R, MW-115, MW-117, MW-118, MW-119, MW-120, and MW-122. Of these monitoring wells, all are located outside of the ASR waste pile area except MW-103R.

PFOS and/or PFOA were detected above applicable Class GA SCGs in all monitoring wells during at least one (1) sampling event except for wells MW-111, MW-115, MW-116, and MW-122. MW-111 is located approximately 150 feet east of the southern end of the ASR waste area and has consistently shown low level contaminant impacts across sampling events. The remaining wells (MW-115, MW-116, and MW-122) are located approximately 375 feet, 300 feet, and 525 feet from the inferred limits of the ASR waste, respectively, in locations that are likely not affected by groundwater flow from beneath the ASR waste pile. The highest concentrations of total PFAS in groundwater are located within the ASR waste landfill (FT-MW-103) and within 100 feet of both the Town of Monroe MSW and the ASR waste landfill (MW-107), suggesting that both landfills could be sources of PFAS. Considering PFAS analytes are highly soluble and mobile in groundwater, it is most likely that PFAS contamination is moving through this media from the ASR source to distant monitoring wells.

8.2.6 Soil Vapor

Soil vapor samples were not included in the scope of work or collected during the RI or SRI.

8.3 Qualitative Human Health Exposure Assessment

There are complete and potential exposure pathways for surface water, surface soil, subsurface soil, and groundwater to construction workers, recreational visitors, and residents under both the current and future use scenarios. Contaminated groundwater is not used at the Site or the parcel for drinking or other purposes; however, area groundwater is used for drinking purposes, and there is a chance for groundwater from the site to be captured by privately owned potable water wells, which represents a potential drinking water exposure. The Site hydrogeology is such that such migration is considered unlikely.

8.4 Fish and Wildlife Resources Impact Analysis

The Fortino Tire Site and surrounding area contains a range of cover types, including low quality landfill/successional areas where the former ASR waste landfill was situated and higher quality surrounding forests and wetlands. There are no water bodies on Site or on the parcel that would support a permanent fish community. Wildlife may be exposed to contaminants in surface water, soil, and prey. Bioaccumulative contaminants including mercury, PAHs, pesticides, PCBs, and PFAS were detected in soils. Fish and wildlife samples were not included in the scope of work or collected during the RI or SRI.

The primary pathway of exposure is considered to be ingestion of contaminated surface water, surface soil, and/or prey. The areas where the highest concentrations of contaminants are present are generally the areas closest to the limits of the ASR waste. These areas are disturbed areas, where the vegetation is recovering, potential habitat is limited due to dry areas being comprised of ASR waste rather than soil, and therefore may have less wildlife use than the surrounding areas. Other areas with higher quality habitat and adjacent areas may experience higher wildlife usage but impacts from the ASR waste pile are lesser in those areas.

These areas where the highest concentrations of contaminants were detected are the most likely areas to be targeted for remediation. The remediation of these areas would reduce the wildlife exposure risk.

A FWRIA Part 2 analysis will be required unless the remedy removes contamination to the ecologically protective criteria, at minimum in the top two (2) feet.

8.5 Source Characterization

Based on the results of all soil, surface water, and groundwater data collected to date, the ASR waste and, in some instances, municipal waste deposited at the neighboring Town of Monroe MSW landfill, are the sources of SVOC, PCB, pesticides, metals, and PFAS contamination, which is present to the limits of the landfills and located in the

surface soil and surface waters of the adjacent wetlands. The Town of Monroe municipal waste has not been directly assessed during the RI or SRI, but it may contribute some of the PFAS and/or metals detected in groundwater, based on the distribution of impacts observed.

8.6 Recommendations

The following recommendations are offered for consideration by the NYSDEC. The recommendations include additional Remedial Investigation/Feasibility Study activities.

8.6.1 Subsurface Soil

Subsurface soil exceedances of SVOCs, pesticides, PCBs, metals, and PFAS should be addressed in a feasibility study. Exceedances in subsurface soils appear to be vertically and horizontally delineated to the ASR waste area. Remedial action objectives include preventing ingestion/direct contact of impacted subsurface soils.

8.6.2 Surface Soil

Surface soil exceedances of SVOCs, pesticides, PCBs, metals, and PFAS should be addressed in a feasibility study. Exceedances in surface soils appear to be horizontally delineated north of the ASR waste area. Pre-design investigation activities may be necessary prior to the implementation of remedial actions. Remedial action objectives include preventing ingestion/direct contact of impacted surface soils, preventing migration of contaminants from the ASR waste pile to adjacent surface soils, and restoring impacted surface soils to pre-release conditions.

8.6.3 Surface Water

PFAS in surface water persist in sample locations in the Wetland area furthest from the ASR waste area, and may be attributed to stormwater runoff from the uncapped ASR waste area, or groundwater discharge from the ASR waste area. Following remediation of the ASR waste, surface water in the Wetland area to the north and east of the ASR waste pile should be monitored.

8.6.4 Groundwater

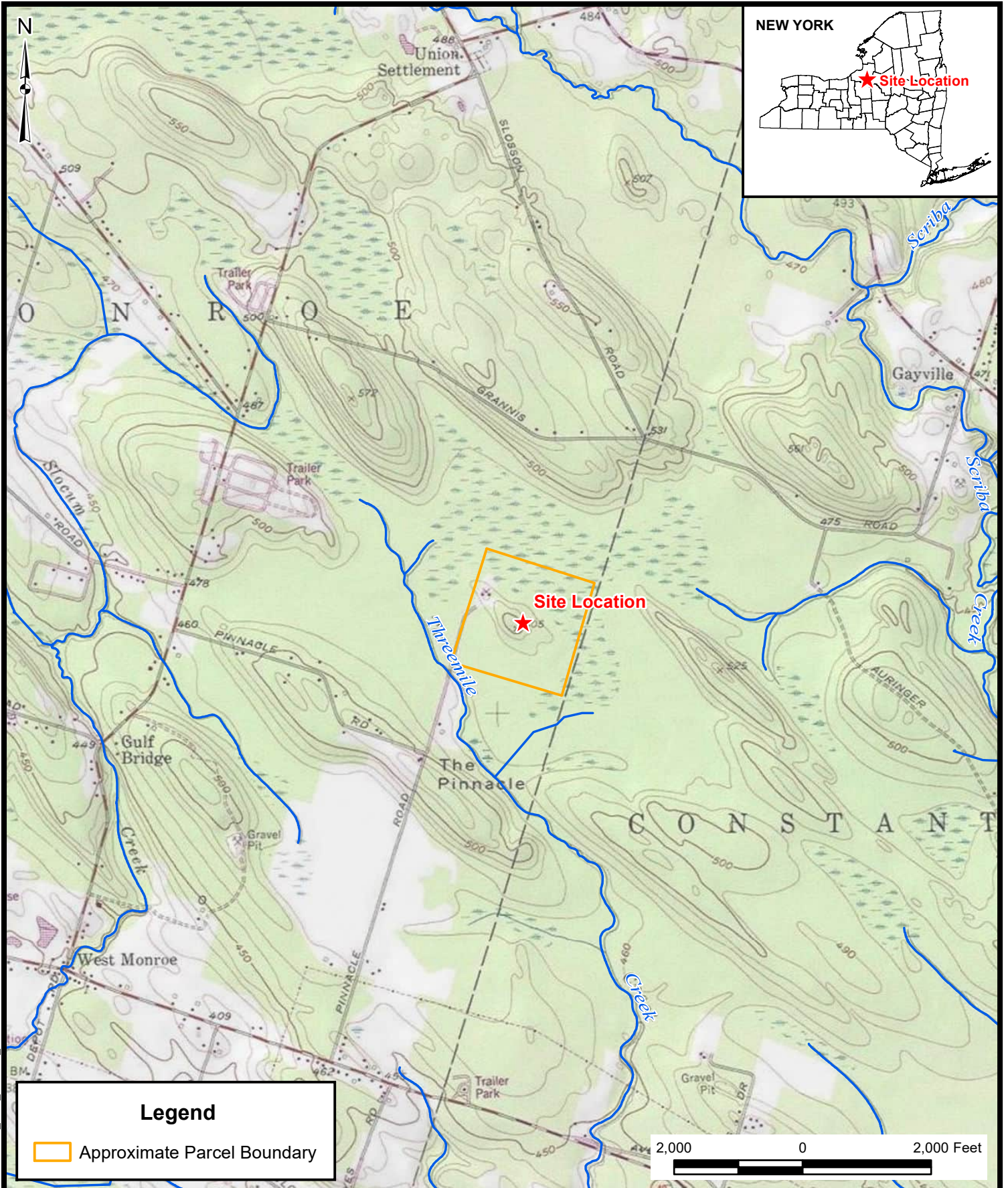
PFAS and metals in groundwater persist in sample locations outside of the ASR waste area, and may be attributed to the migration of groundwater from beneath the uncapped ASR waste area. Following remediation of the ASR waste, groundwater outside the footprint of the ASR waste area should be monitored.

9. References

- AECOM, 2019. Field Activities Plan, Fortino Tire, West Monroe, NY. October 2019.
- AECOM, 2019. Hazardous Waste Operations and Emergency Response Health and Safety Plan, Fortino Tire, West Monroe, NY. October 2019.
- AECOM, 2019. Quality Assurance Project Plan, Fortino Tire, West Monroe, NY. October 2019.
- DWQC, 2019. New York State Drinking Water Quality Council Recommended Screening Level. January 2019.
- EuroPlas, 2024. What is Polyethylene terephthalate (PET)? 2024 EuP Group.
<https://europas.com.vn/en-US/blog-1/polyethylene-terephthalate-what-is-it-properties-key-features-and-common-uses>
- J. Lexen et al., 2024. Assessing exposure of semi-volatile organic compounds (SVOCs) in car cabins: current understanding and future challenges in developing a standardized methodology. Building and Environmental, Volume 262.
- Miller, T., 1982. Geology and Ground-water Resources of Oswego County, New York. USGS.
- MJ, 2015. Field Sampling Report, Fortino Tire, West Monroe, NY. MJ Engineering and Land Surveying, P.C. July 2015.
- MJ, 2015. Site Characterization Report, Fortino Tire, West Monroe, NY. MJ Engineering and Land Surveying, P.C. July 2015.
- Mohr, T.K., 2001. Solvent Stabilizers. Underground Storage Tank Program – Water Supply Division. Santa Clara Valley Water District. June 2001.
- NYSDEC, 1995. Analytical Services Protocols.
- NYSDEC, 2006. 6 NYCRR Part 375 Environmental Remediation Programs Soil Clean Up Objectives (SCOs) for Protection of Public Health. December 31, 2025.
- NYSDEC, 2010. Department of Environmental Remediation, DER-10 Technical Guidance for Site Investigation and Remediation. May 2010.
- NYSDEC, 2010. CP-51 Soil Cleanup Guidance. October 2010.
- NYSDEC, 2014. Screening and Assessment of Contaminated Sediments. June 24, 2014
- NYSDEC, 2020. Water Quality Standards for Toxic and Other Deleterious Substances, New York Codes, Rules and Regulations Title 6, Part 703.5. <https://www.dec.ny.gov/regulations/regulations.html>. Updated with changes as of May 31, 2020.
- NYSDEC, 2023. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. Technical and Operational Guidance Series (TOGS) No. 1.1.1. February 2023.
- NYSDEC, 2023. Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS), Under NYSDEC's Part 375 Remedial Programs. April 2023.
- NYSDOH, 2006. Guidelines for Evaluating Soil Vapor Intrusion in the State of New York. October 2006.
- Pylypiw, HM, Jr., 1991. Polychlorinated biphenyls in auto parts and auto fluff. Bulletin of Environmental Contamination and Toxicology. Vol. 46, Issue 5, Pages 61-685.
- TRC, 2018. Site Characterization Report, Fortino Tire, West Monroe, NY. TRC Engineers, Inc., January 2018.
- USEPA, 2021. National Functional Guidelines.
<https://www.epa.gov/clp/superfund-clp-national-functional-guidelines-data-review>. Accessed 03/21/2021.

Figures

L:\DCS\Projects\60608155 DECORTINO\900 CAD GIS\920 GISMAPS\SRIR1-1 SITE LOCATION.mxd 6/16/2025



AECOM

50 LAKEFRONT BOULEVARD
SUITE 111
BUFFALO, NY 14202
PHONE: (716) 856-5636

Source: USGS 1:24,000-scale topographic map, 7.5 x 7.5 Minute
Quadrangle: Mallory, 1978

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SITE LOCATION

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 1-1 SITE LOCATION	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 1-1

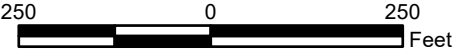
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Legend

- NYSDEC Stream
(Class, Standard)
- Ground Surface Elevation Contour (ft)
(M.J. Land Survey)
- Approximate Extent of Town of Monroe
Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Approximate Parcel Boundary
- NWI Wetland

SOURCES:
NYSDEC Water Quality Classifications, 2013
NYS ITS GIS Program Office, 2020
USFWS National Wetlands Inventory, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SITE PLAN

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 2-1 SITE PLAN	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 2-1

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Legend

SRIR Surface Water Sample Location

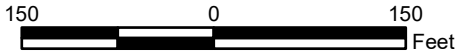
RIR Surface Water Sample Location

SC Surface Water Sample Location

Approximate Extent of Town of Monroe Municipal Waste Landfill

Limits of Site (ASR Waste)

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SURFACE WATER SAMPLE LOCATIONS

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 3-1 WS LOCATIONS	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 3-1

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- Legend**
- ▲ SRIR Surface Soil Sample Location
 - ▲ RIR Surface Soil Sample Location
 - ▲ SC Surface Soil Sample Location
 - RIR Sediment Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)

NOTE:
The original scope of work included the sampling of sediment media on-site, however, following an on-site meeting with the NYSDEC and inspection of the sediment sampling locations on March 26, 2024, representatives from the NYSDEC Fish and Wildlife team determined that all samples originally deemed sediment samples be considered soil samples.

SOURCE:
NYS ITS GIS Program Office, 2020

150 0 150
Feet

AECOM

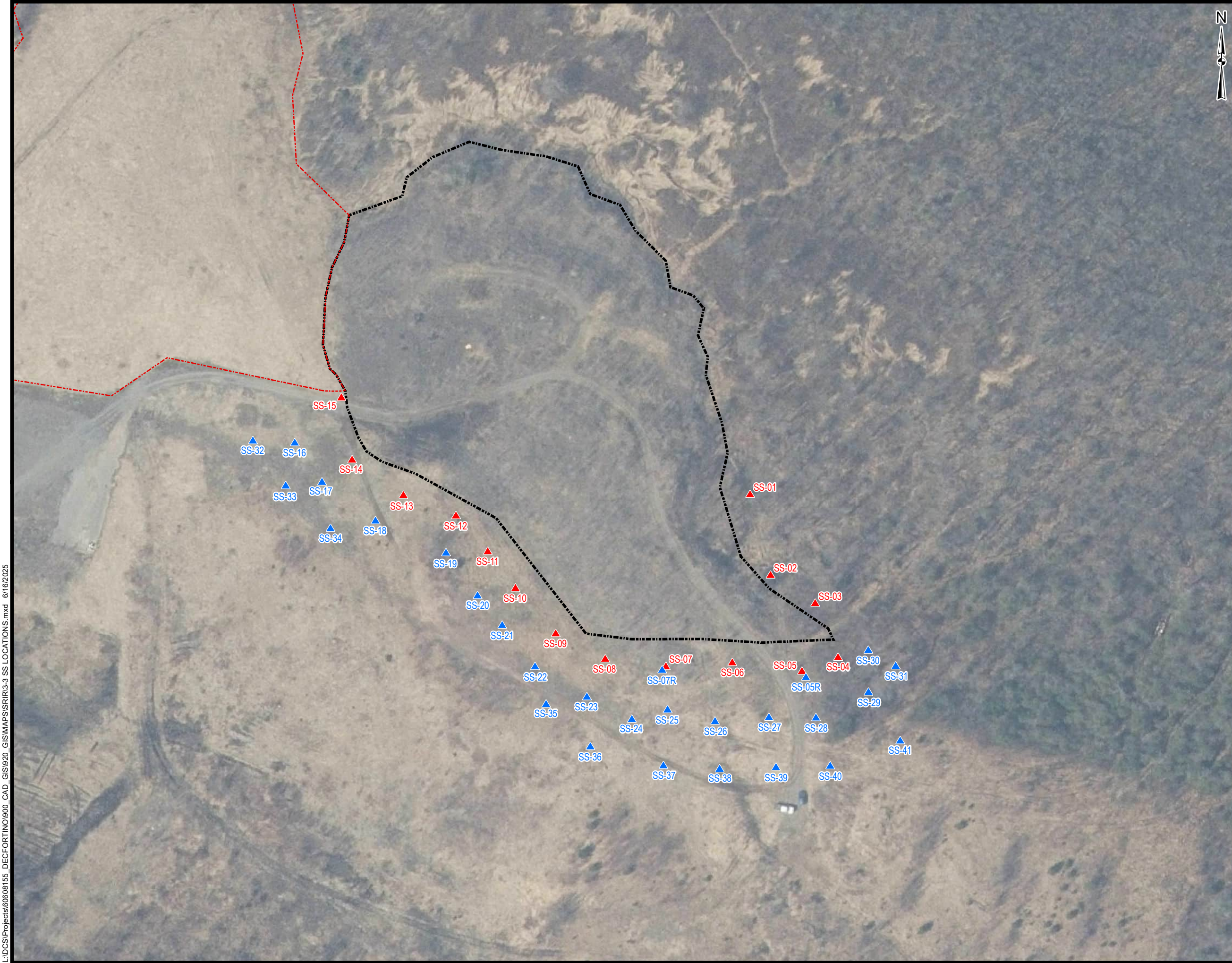
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**WETLAND SURFACE SOIL
AND SEDIMENT SAMPLE LOCATIONS**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

<FNT size="5">FILE NAME:</FNT> 3-2 SS & SD LOCATIONS	DRAWN: ML	PROJECT NO.: 60629330	DATE: 1/21/2026	FIGURE NO.: 3-2

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- Legend**
- ▲ SRIR Surface Soil Sample Location
 - ▲ RIR Surface Soil Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)

SOURCE:
NYS ITS GIS Program Office, 2020

100 0 100 Feet

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL SAMPLE LOCATIONS

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

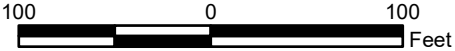
FILE NAME: 3-3 SS LOCATIONS	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 3-3

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\3-4 TT LOCATIONS.mxd 6/16/2025



- Legend**
- Test Trench Sample Location
 - Test Trench Location
 - - - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - - - Limits of Site (ASR Waste)

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

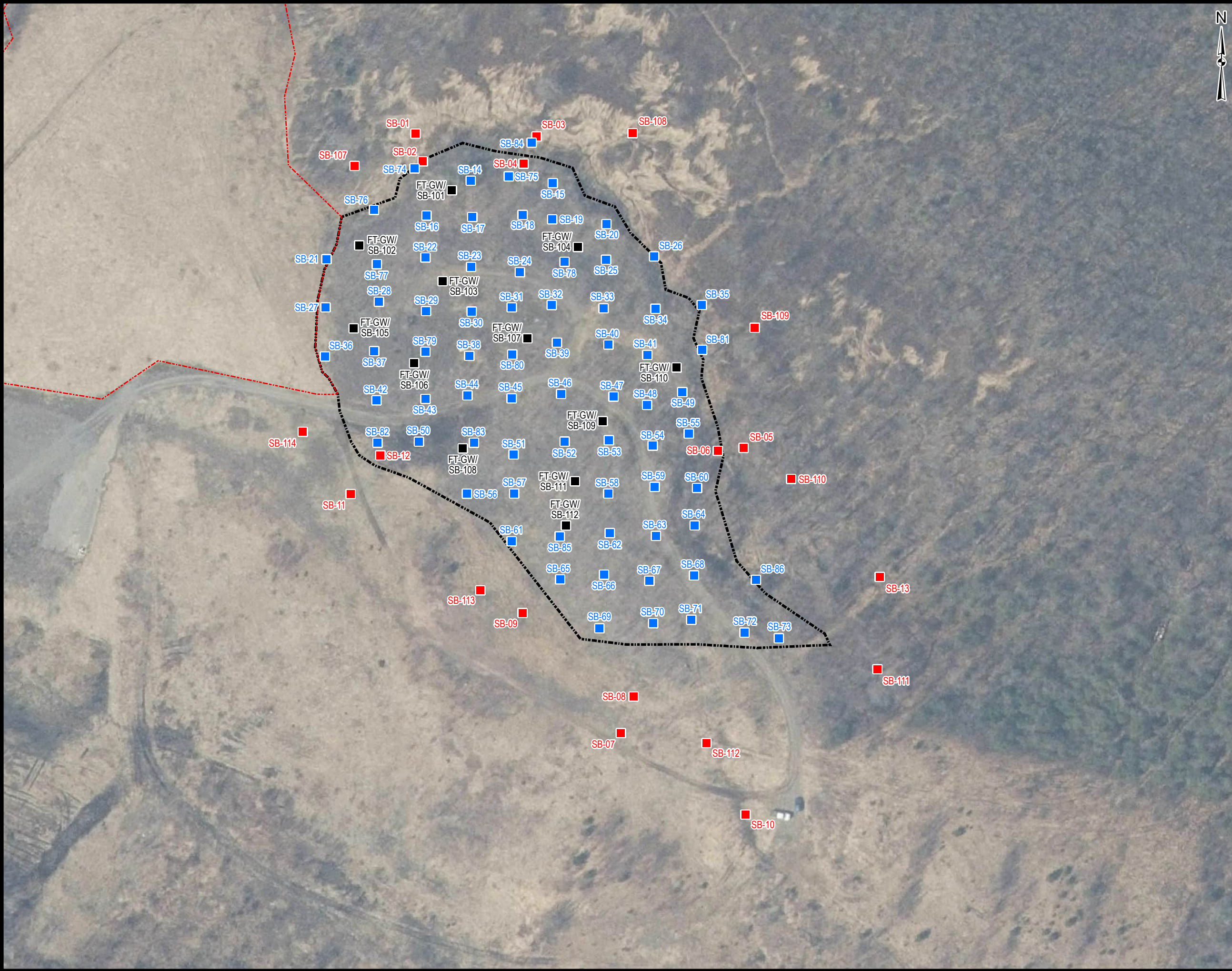
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

TEST TRENCH SAMPLE LOCATIONS

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

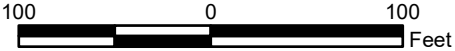
FILE NAME: 3-4 TT LOCATIONS	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 3-4

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\3-5 SB LOCATIONS.mxd 6/16/2025



- Legend**
- SRIR Soil Boring
 - RIR Soil Boring
 - SC Direct-Push Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL BORING LOCATIONS

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 3-5 SB LOCATIONS	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 3-5

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SRIR\3-6 MW LOCATIONS.mxd 6/16/2025



- Legend**
- SRIR Monitoring Well
 - RIR Monitoring Well
 - SC Monitoring Well
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)

SOURCE:
NYS ITS GIS Program Office, 2020

150 0 150
Feet

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

MONITORING WELL LOCATIONS

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

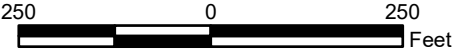
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- Legend**
- Background Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

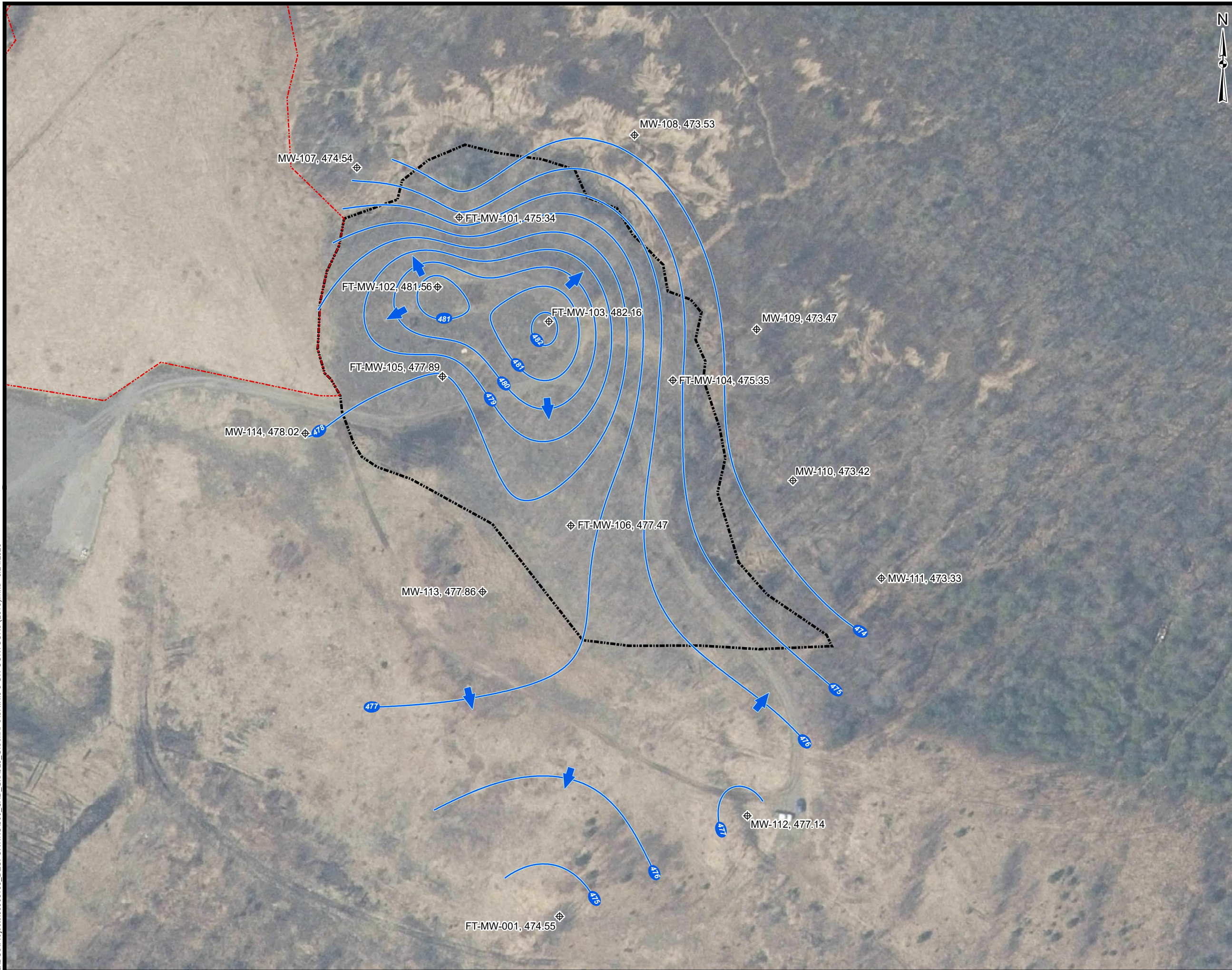
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SUBSURFACE SOIL METALS
BACKGROUND SAMPLE LOCATIONS**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 3-7 SUB SO BKGD LOCATIONS	DRAWN: ML	PROJECT NO.: 60629330	DATE: 9/24/2025	FIGURE NO.: 3-7

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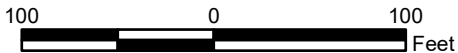


- Legend**
- ⊕ Monitoring Well
 - ➡ Groundwater Flow Direction
 - 475 Groundwater Elevation Contour
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)

MW-114, 478.02

Location ID Water Elevation (ft amsl)

SOURCE:
NYS ITS GIS Program Office, 2020



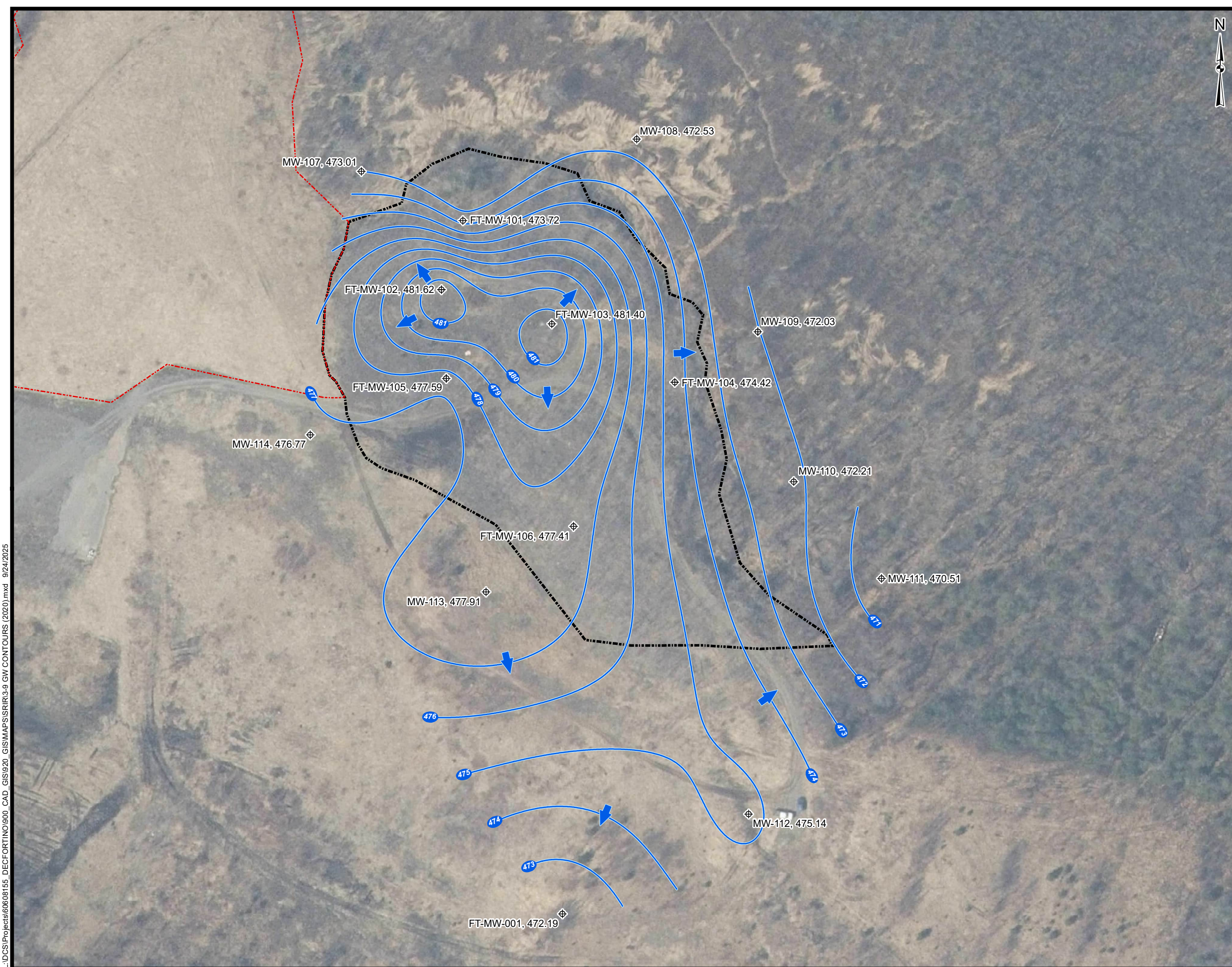
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**GROUNDWATER CONTOURS
(NOVEMBER 25-27, 2019)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 3-8 GW CONTOURS (2019)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 9/24/2025	FIGURE NO.: 3-8

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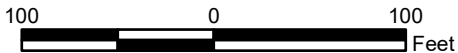


- Legend**
- ⊕ Monitoring Well
 - ➡ Groundwater Flow Direction
 - 475 Groundwater Elevation Contour
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)

MW-114, 476.77

Location ID Water Elevation (ft amsl)

SOURCE:
NYS ITS GIS Program Office, 2020



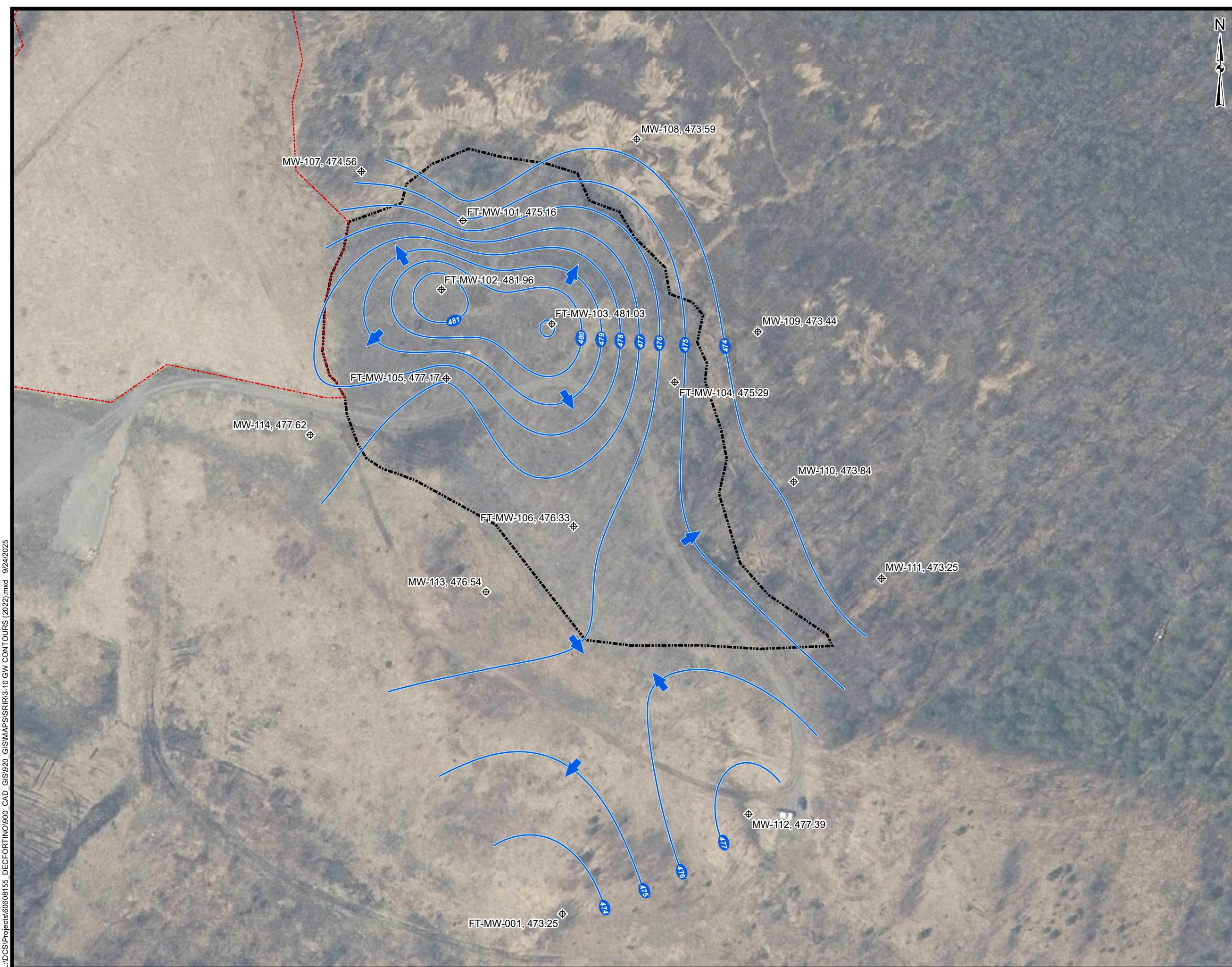
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

GROUNDWATER CONTOURS
(JUNE 22-25, 2020)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 3-9 GW CONTOURS (2020)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 9/24/2025	FIGURE NO.: 3-9

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Legend

- ⊕ Monitoring Well
- ➔ Groundwater Flow Direction
- 475 Groundwater Elevation Contour
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)

MW-114, 477.62

Location ID

Water Elevation (ft amsl)

SOURCE:
NYS ITS GIS Program Office, 2020

100000

0

100

Feet

AECOM

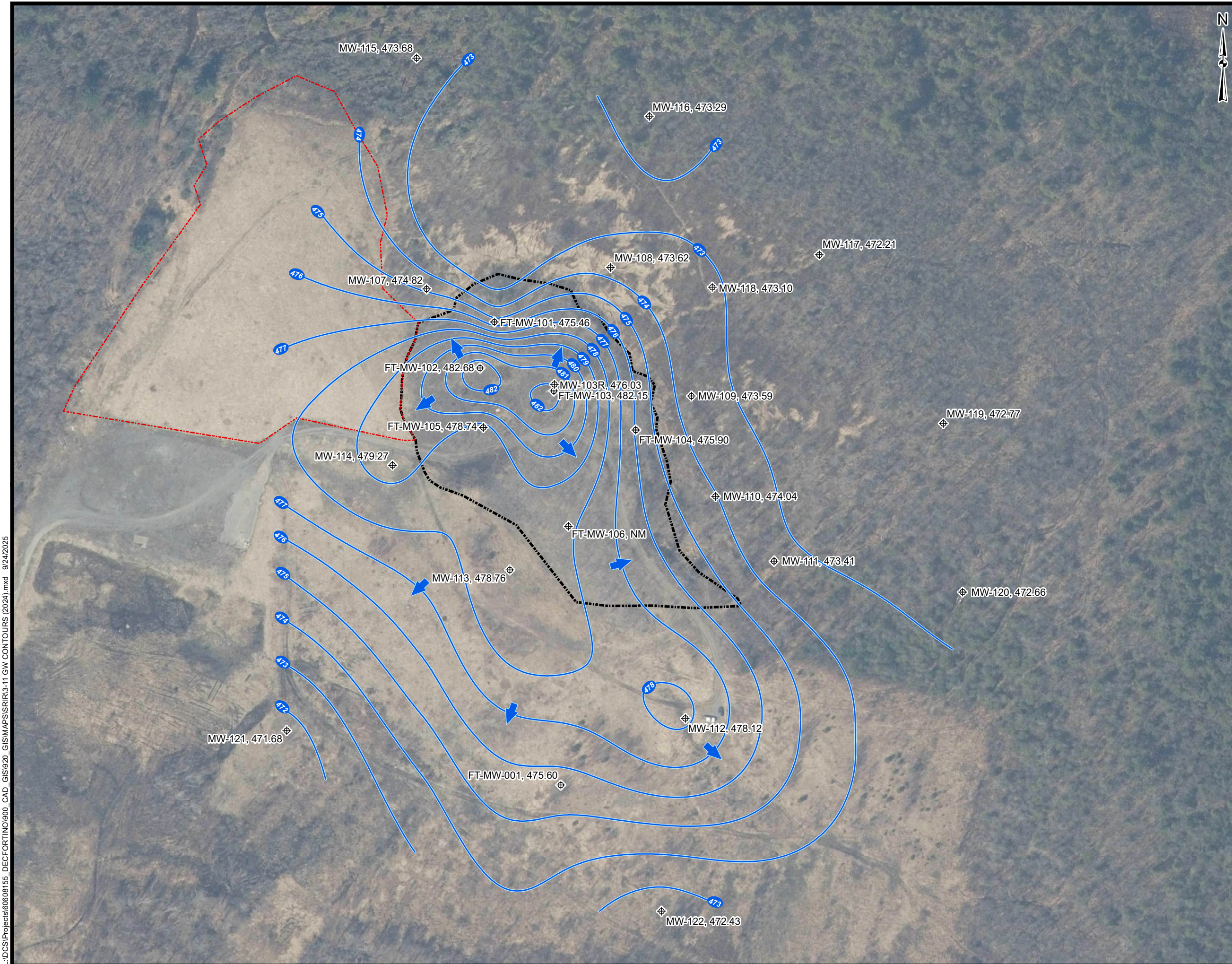
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**GROUNDWATER CONTOURS
(DECEMBER 6, 2022)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 3-10 GW CONTOURS (2022)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 9/24/2025	FIGURE NO.: 3-10

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Legend

 Monitoring Well

 Groundwater Flow Direction

 Groundwater Elevation Contour

 Approximate Extent of Town of Monroe Municipal Waste Landfill

 Limits of Site (ASR Waste)

MW-114, 479.27

Location ID

Water Elevation (ft amsl)

ACRONYM:
NM - Not Measured

NOTE:
MW-103R was not used in contour generation as it is screened at a deeper interval.

SOURCE:
NYS ITS GIS Program Office, 2020

1500150

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

GROUNDWATER CONTOURS
(FEBRUARY 2, 2024)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
3-11 GW CONTOURS (2024)

DRAWN:
ML

PROJECT NO.:
60629330

DATE:
9/24/2025

FIGURE NO.:
3-11

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- Legend
- Monitoring Well

Soil Boring

Surface Soil Sample Location

Cross Section Location

Approximate Extent of Town of Monroe

Municipal Waste Landfill

Limits of Site (ASR Waste)



AECOM

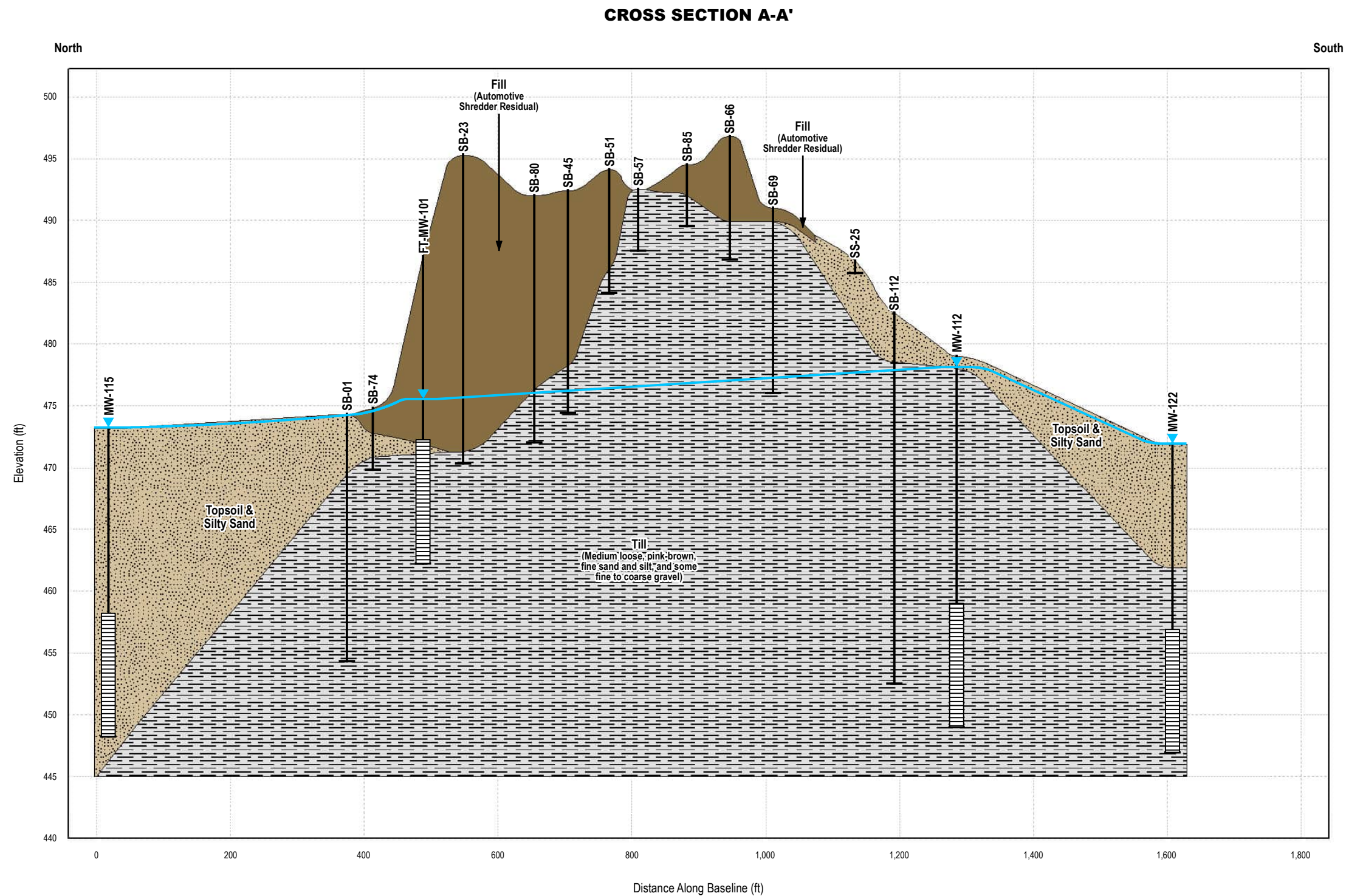
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

CROSS SECTION LOCATIONS

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 4-1 CROSS SECTION LOCATIONS	DRAWN: ML	PROJECT NO.: 60629330	DATE: 1/21/2026	FIGURE NO.: 4-1

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Legend

- Groundwater Elevation (February 2024)
- Fill
- Topsoil & Silty Sand
- Till

AECOM

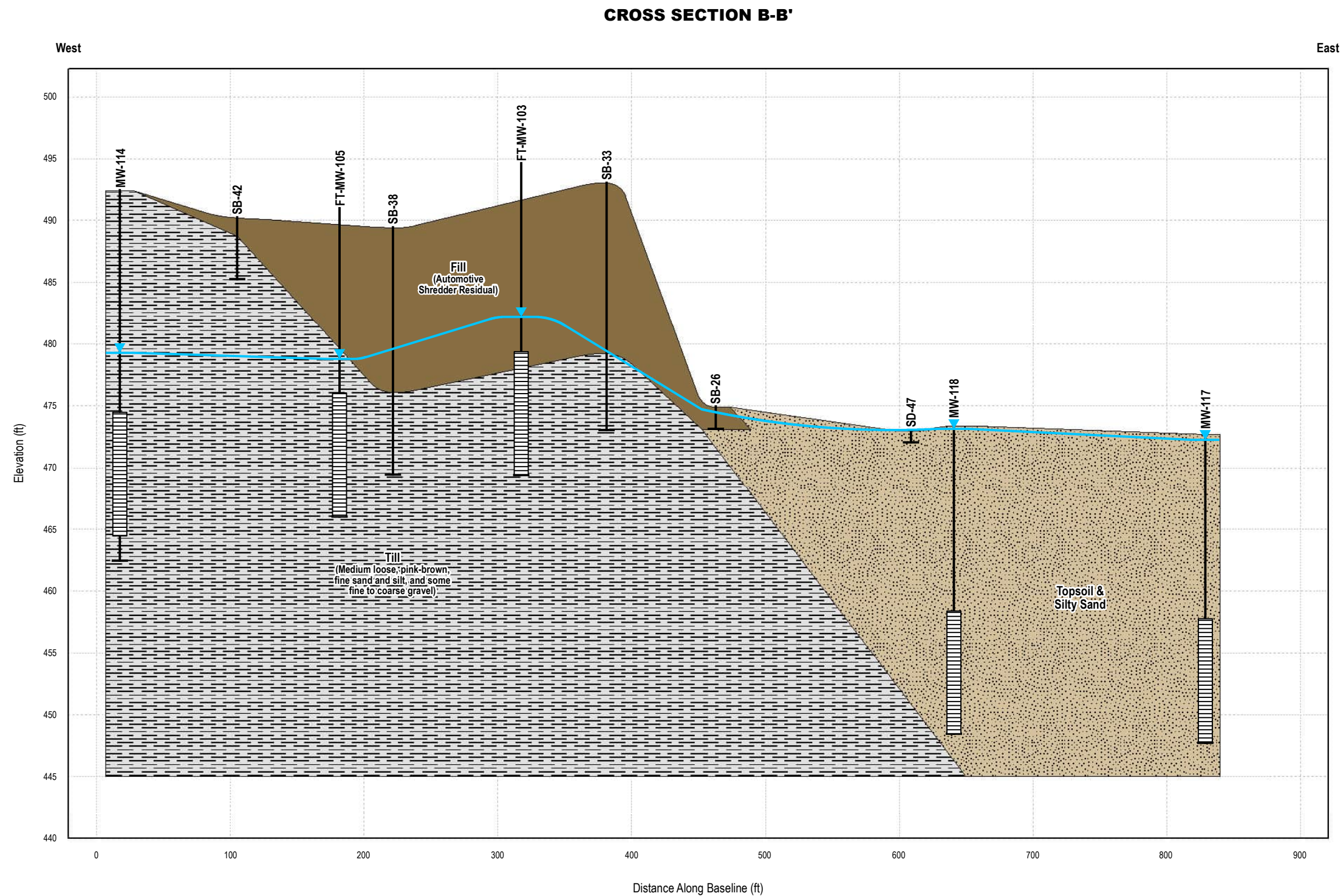
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

GENERALIZED CROSS SECTION A-A'

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 4-2 CROSS SECTION A-A'	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 4-2

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\4-3 CROSS SECTION B-B'.mxd 6/16/2025



Legend

- Groundwater Elevation
(February 2024)
- Fill
- Topsoil & Silty Sand
- Till

AECOM

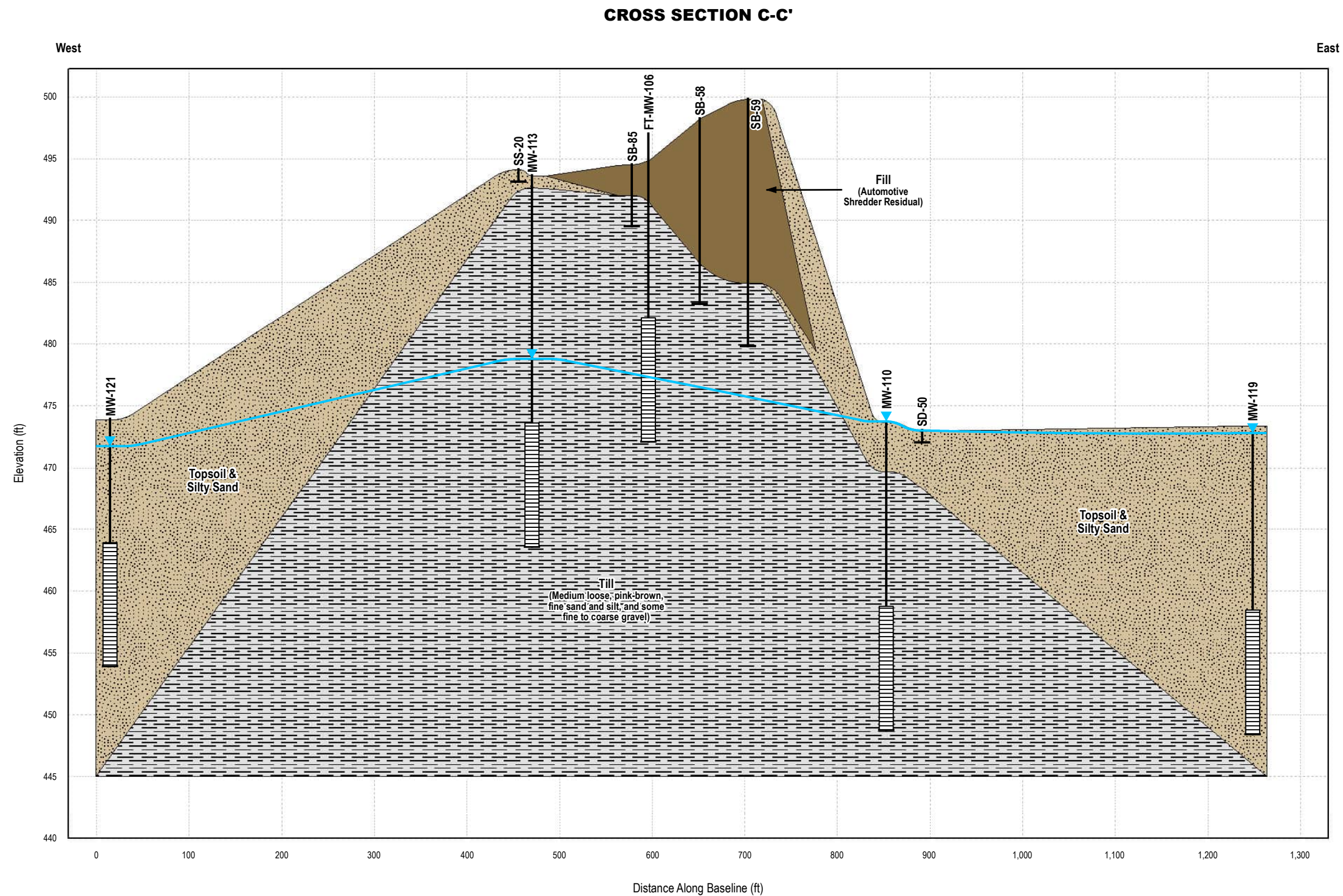
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

GENERALIZED CROSS SECTION B-B'

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 4-3 CROSS SECTION B-B'	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 4-3

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\4-4 CROSS SECTION C-C'.mxd 6/16/2025



Legend

- Groundwater Elevation (February 2024)
- Fill
- Topsoil & Silty Sand
- Till

AECOM

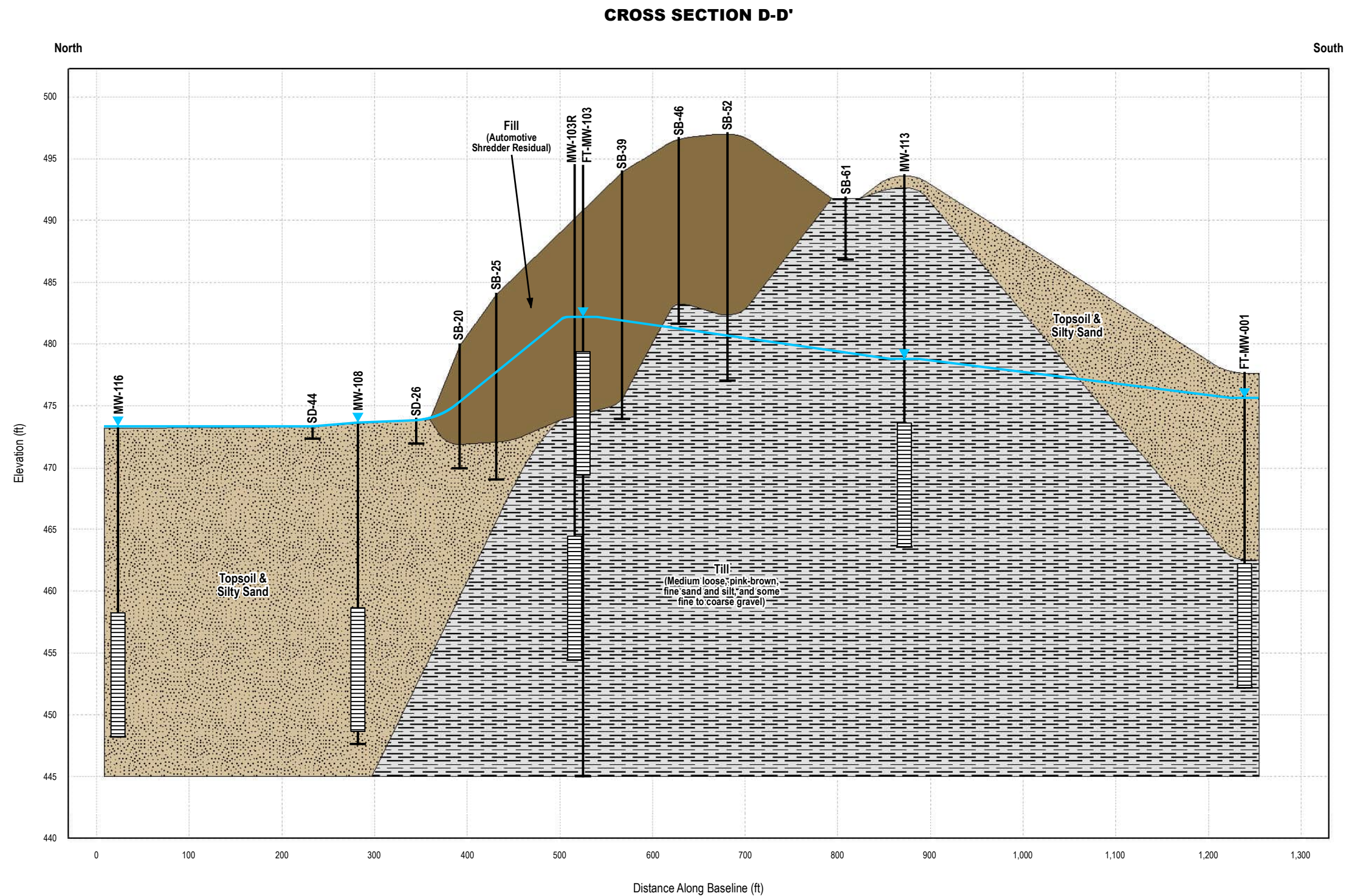
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

GENERALIZED CROSS SECTION C-C'

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 4-4 CROSS SECTION C-C'	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 4-4

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\4-5 CROSS SECTION D-D'.mxd 6/16/2025



Legend

- Groundwater Elevation
(February 2024)
- Fill
- Topsoil & Silty Sand
- Till

AECOM

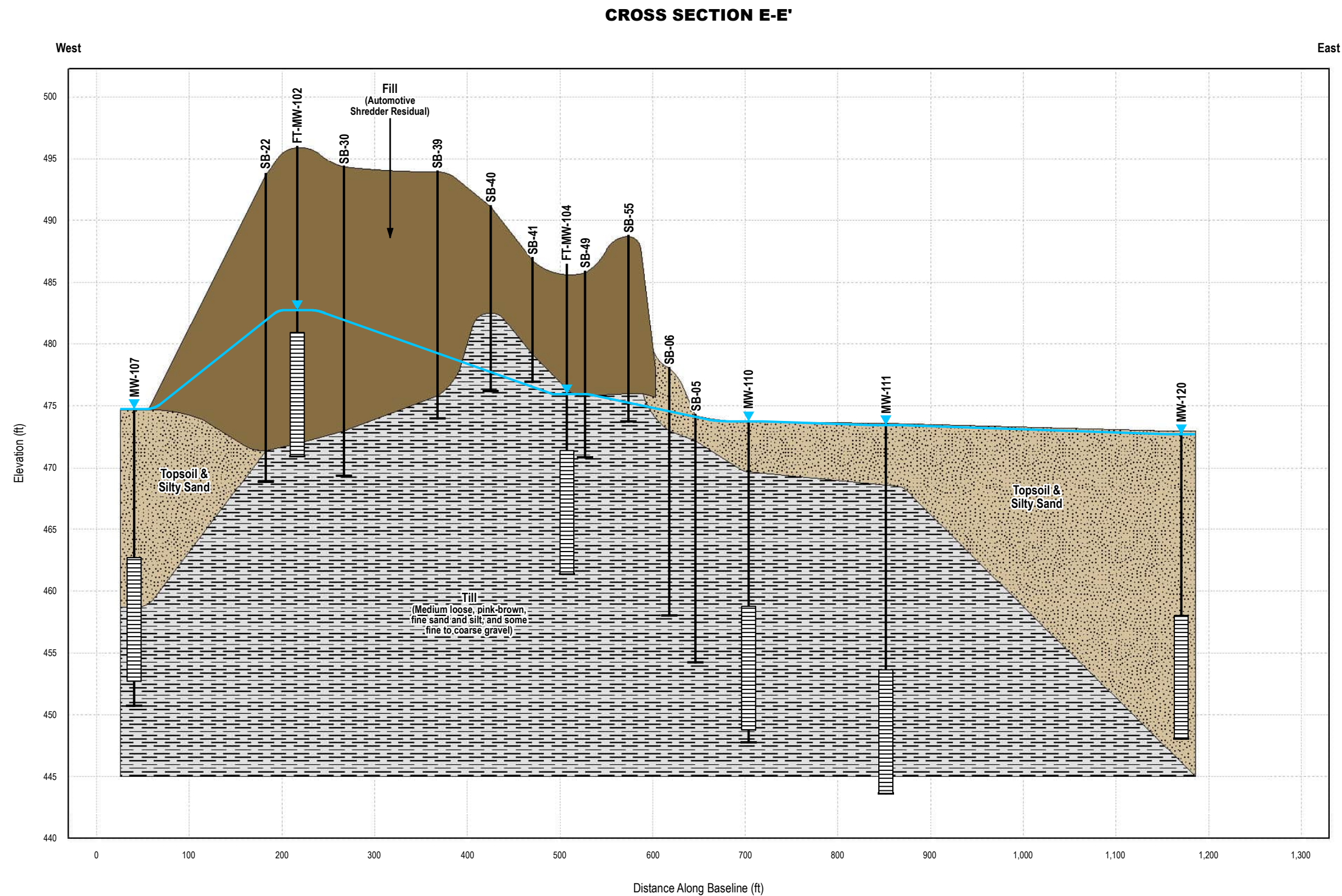
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

GENERALIZED CROSS SECTION D-D'

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 4-5 CROSS SECTION D-D'	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 4-5

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\4-6 CROSS SECTION E-E.mxd 6/16/2025



Legend

- ▼ Groundwater Elevation
(February 2024)
- Fill
- Topsoil & Silty Sand
- Till

AECOM

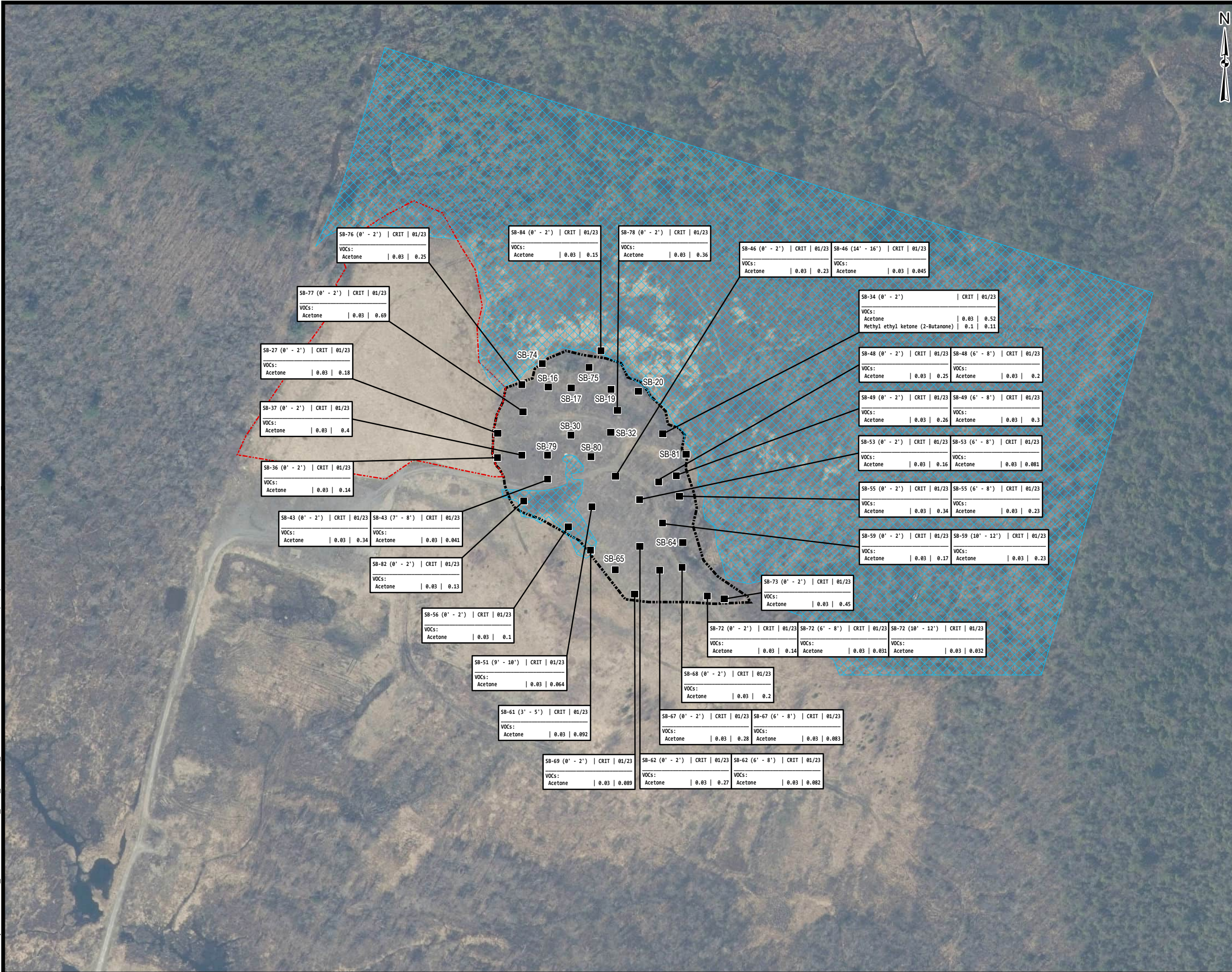
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

GENERALIZED CROSS SECTION E-E'

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 4-6 CROSS SECTION E-E'	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 4-6

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-1 SUBSS ASR UNRES (VOC).mxd 2/10/2026



Legend

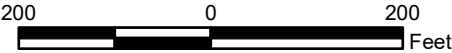
- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-34 (0' - 2')	CRIT	01/23	
VOCs:			
Acetone	0.03	0.52	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

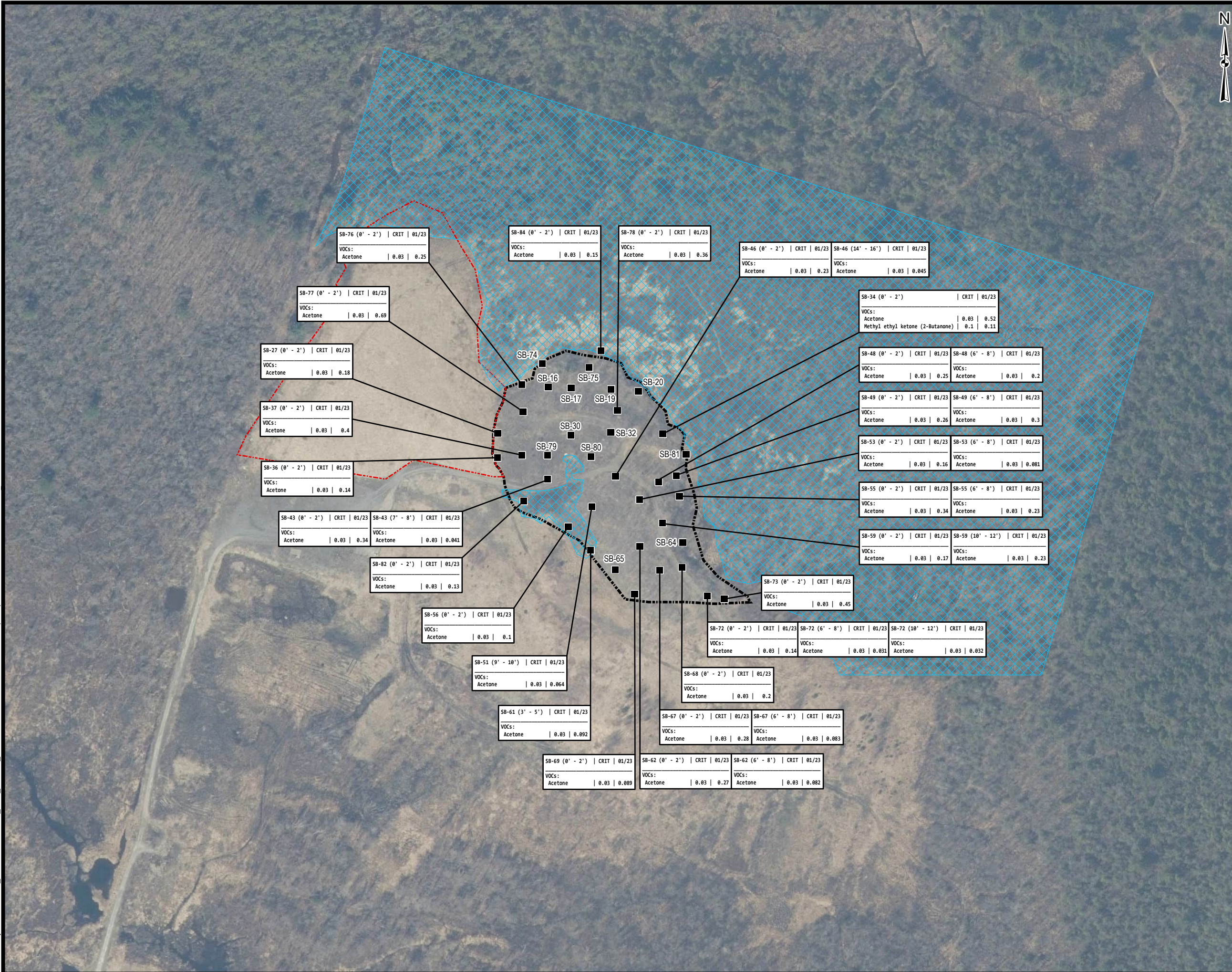
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

ASR WASTE PILE UNRESTRICTED USE SCO ANALYTICAL EXCEEDANCES (VOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:	DRAWN:	PROJECT NO.:	DATE:	FIGURE NO.:
5-1 SUBSS ASR UNRES (VOC)	ML	60629330	2/10/2026	5-1

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-2 SUBSS ASR PG (VOC).mxd 2/23/2026



Legend

■

Soil Boring

Approximate Extent of Town of Monroe
Municipal Waste Landfill

Limits of Site (ASR Waste)

Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-34 (0' - 2')	CRIT	01/23	
VOCs:			
Acetone	0.03	0.52	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25, Restricted Use, Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

2000200
Feet

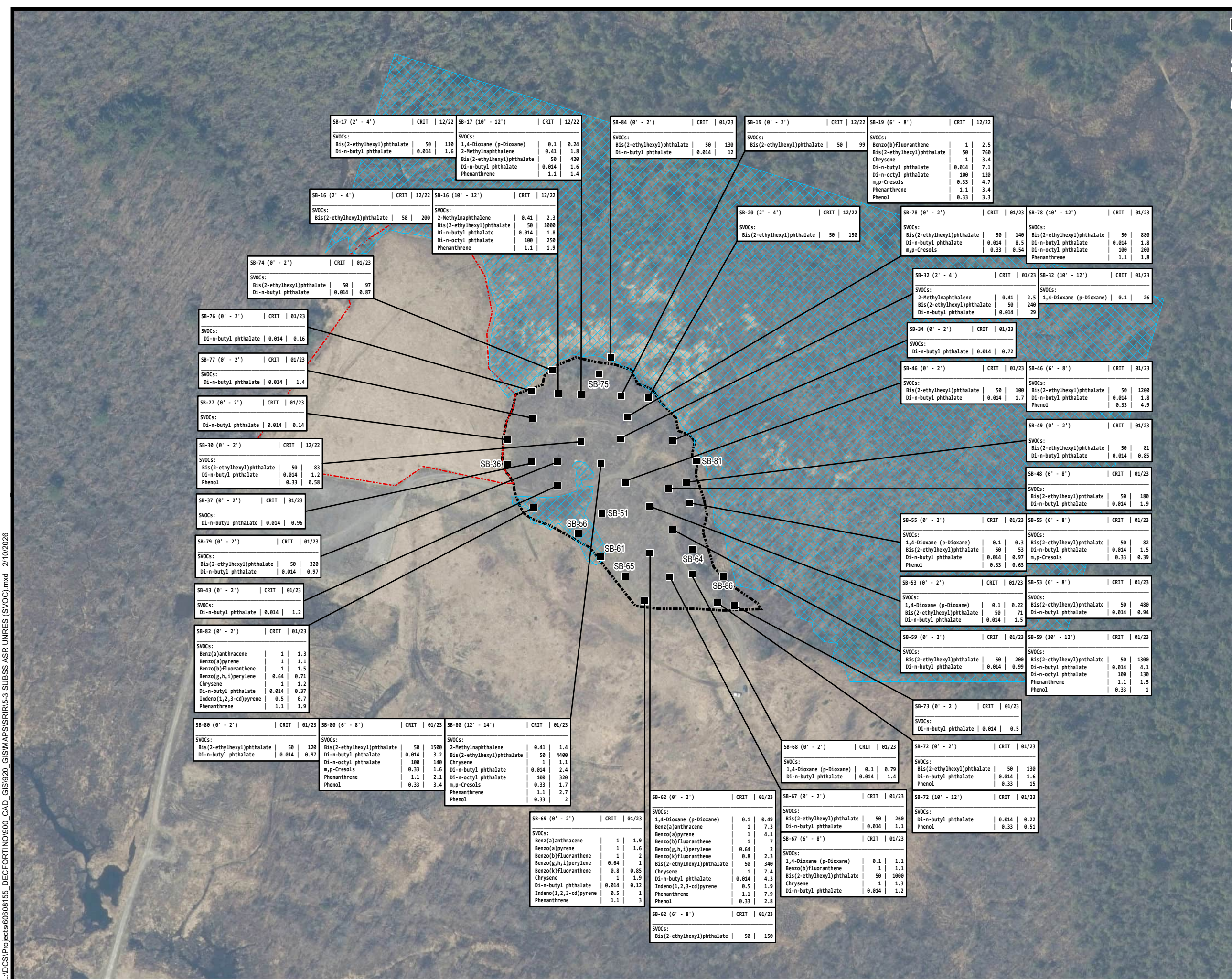
AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

ASR WASTE PILE
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(VOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-2 SUBSS ASR PG (VOC)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-2



Legend

■

Soil Boring

Approximate Extent of Town of Monroe Municipal Waste Landfill

Limits of Site (ASR Waste)

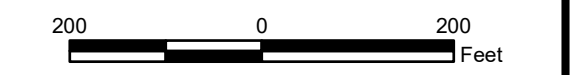
Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-69 (0' - 2')		CRIT	01/23
SVOCs:			
Chrysene	1	1.9	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

ASR WASTE PILE
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(SVOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
5-3 SUBSS ASR UNRES (SVOC)

DRAWN:
ML

PROJECT NO.:
60629330

DATE:
2/10/2026

FIGURE NO.:
5-3



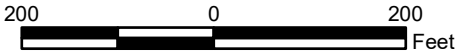
- Soil Boring
- - - Approximate Extent of Town of Monroe Municipal Waste Landfill
- ▤ Limits of Site (ASR Waste)
- ▦ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-19 (6' - 8')		CRIT	12/22
SVOCs:			
Chrysene		1.2	3.4
Parameter			Concentration

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25, Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

**AECOM**

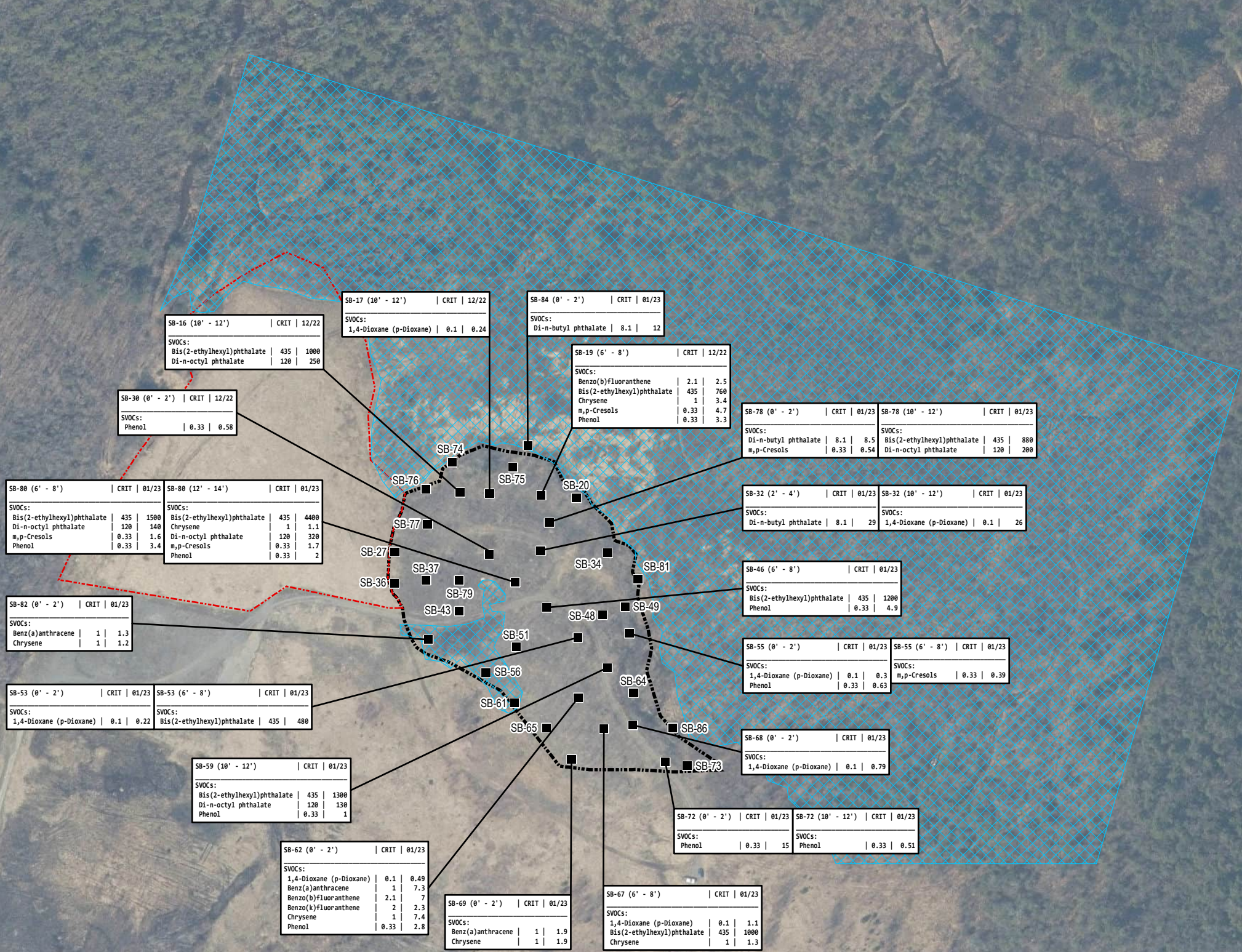
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**ASR WASTE PILE
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(SVOCS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:	DRAWN:	PROJECT NO.:	DATE:	FIGURE NO.:
5-4 SUBSS ASR RES (SVOC)	ML	60629330	2/10/2026	5-4

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NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200 0 200
Feet

AECOM

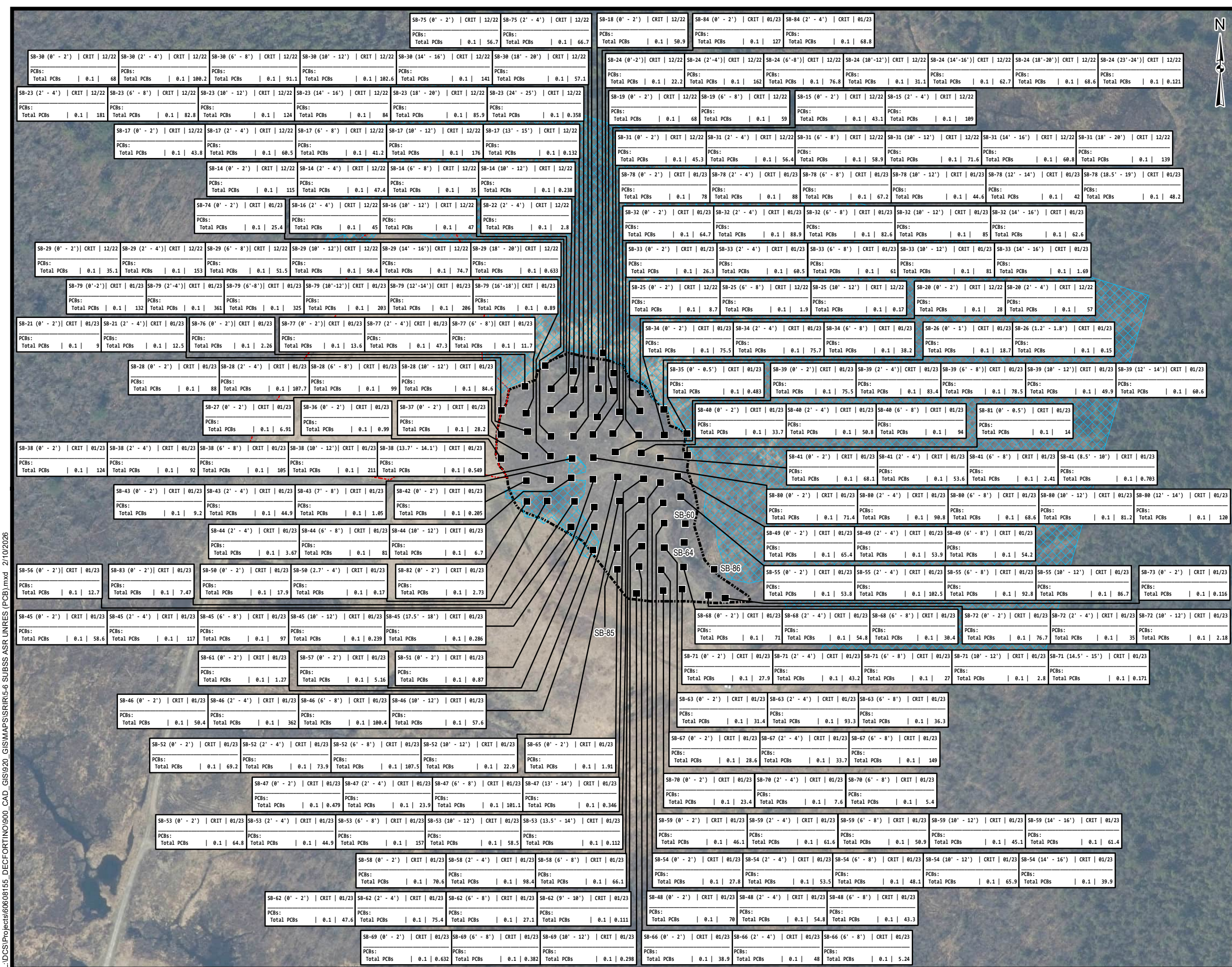
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

ASR WASTE PILE
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(SVOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-5 SUBSS ASR PG (SVOC) DRAWN: ML PROJECT NO.: 60629330 DATE: 2/23/2026 FIGURE NO.: 5-5

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-6 SUBSS ASR UNRES (PCB).mxd 2/10/2026



Legend

- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-73 (0' - 2')		CRIT	01/23
PCBs:			
Total PCBs		0.1	0.116
Parameter	Concentration		

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2010, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200

0

200

Feet

AECOM

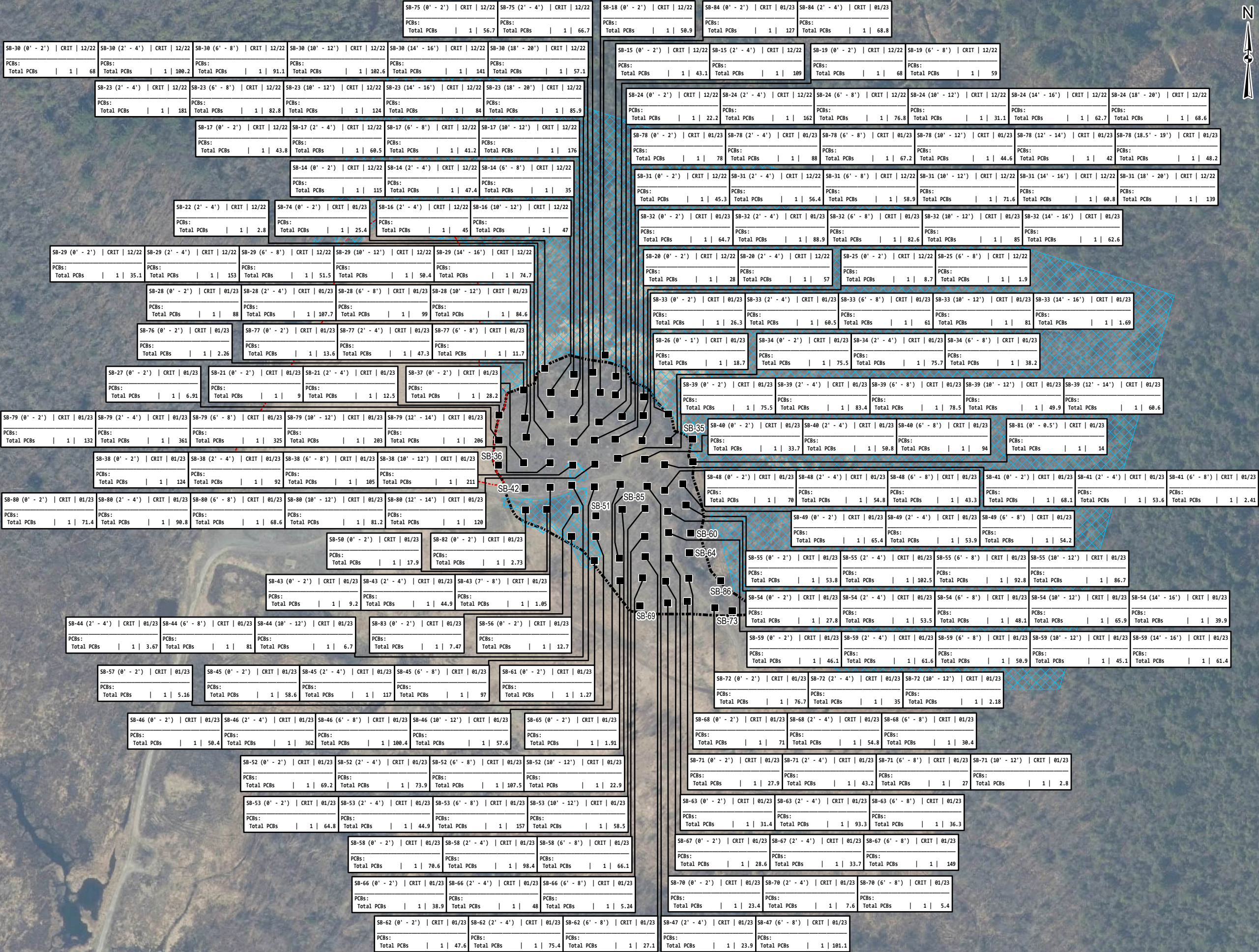
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

ASR WASTE PILE
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(PCBS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-6 SUBSS ASR UNRES (PCB)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/10/2026	FIGURE NO.: 5-6

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-7 SUBSS ASR RES (PCB).mxd 2/10/2026



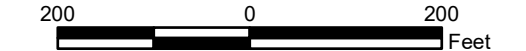
- Legend**
- Soil Boring
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
 - Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-48 (0' - 2')	1	70	01/23
Parameter	Concentration		

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

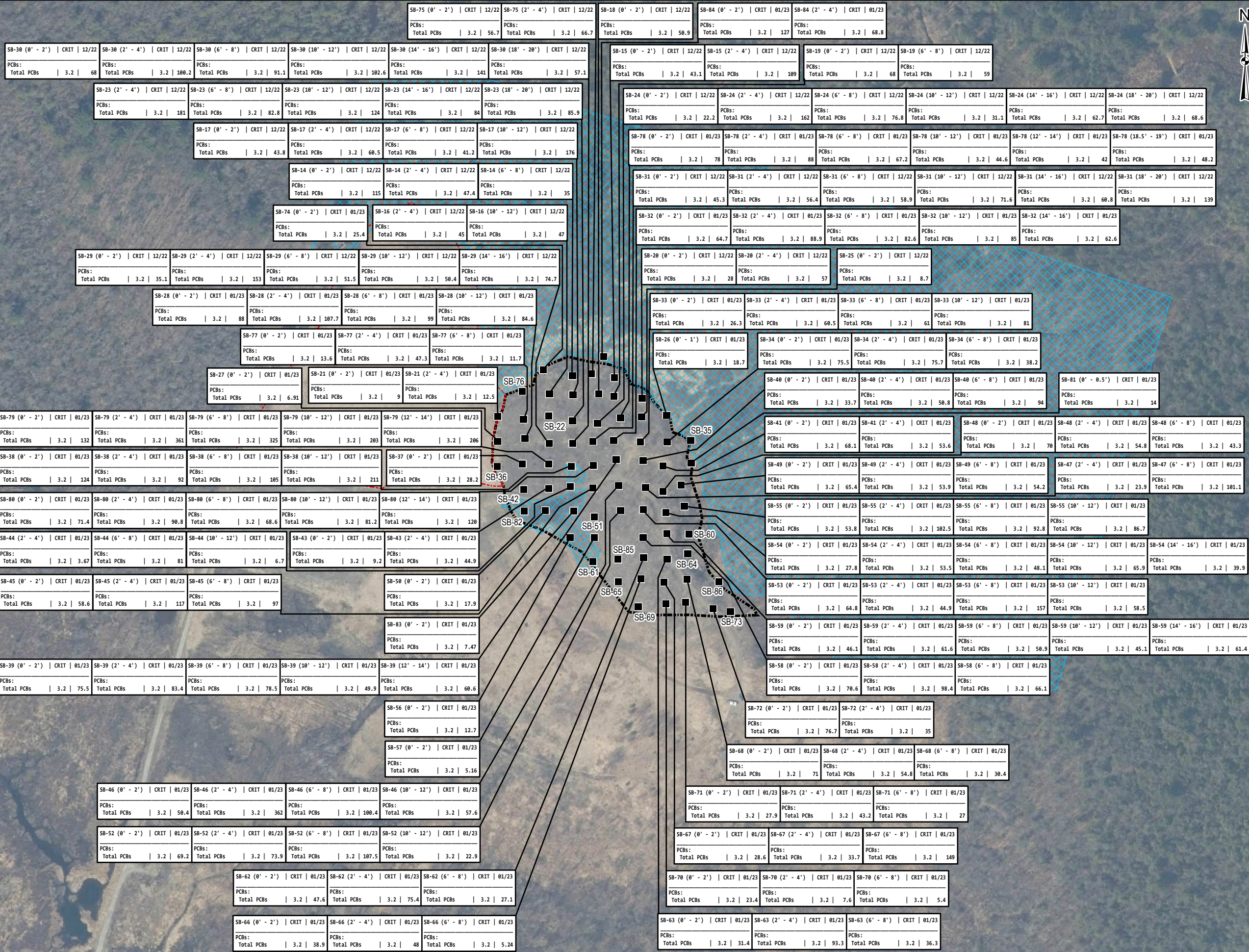
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**ASR WASTE PILE
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PCBS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-7 SUBSS ASR RES (PCB)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/10/2026	FIGURE NO.: 5-7

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-8 SUBSS ASR PG (PCB).mxd 2/23/2026



Legend

■ Soil Boring

Approximate Extent of Town of Monroe Municipal Waste Landfill

Limits of Site (ASR Waste)

Delineated Wetland

Location ID

Depth (feet)

Criteria

Date

SB-25 (0' - 2')

CRIT

12/22

Parameter

Concentration

NOTE:

Units are shown in mg/kg.

CRITERIA:

CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:

NYS ITS GIS Program Office, 2020

2000200

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

ASR WASTE PILE
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(PCBS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:

DRAWN:

PROJECT NO.:

DATE:

FIGURE NO.:

5-8 SUBSS ASR PG (PCB)

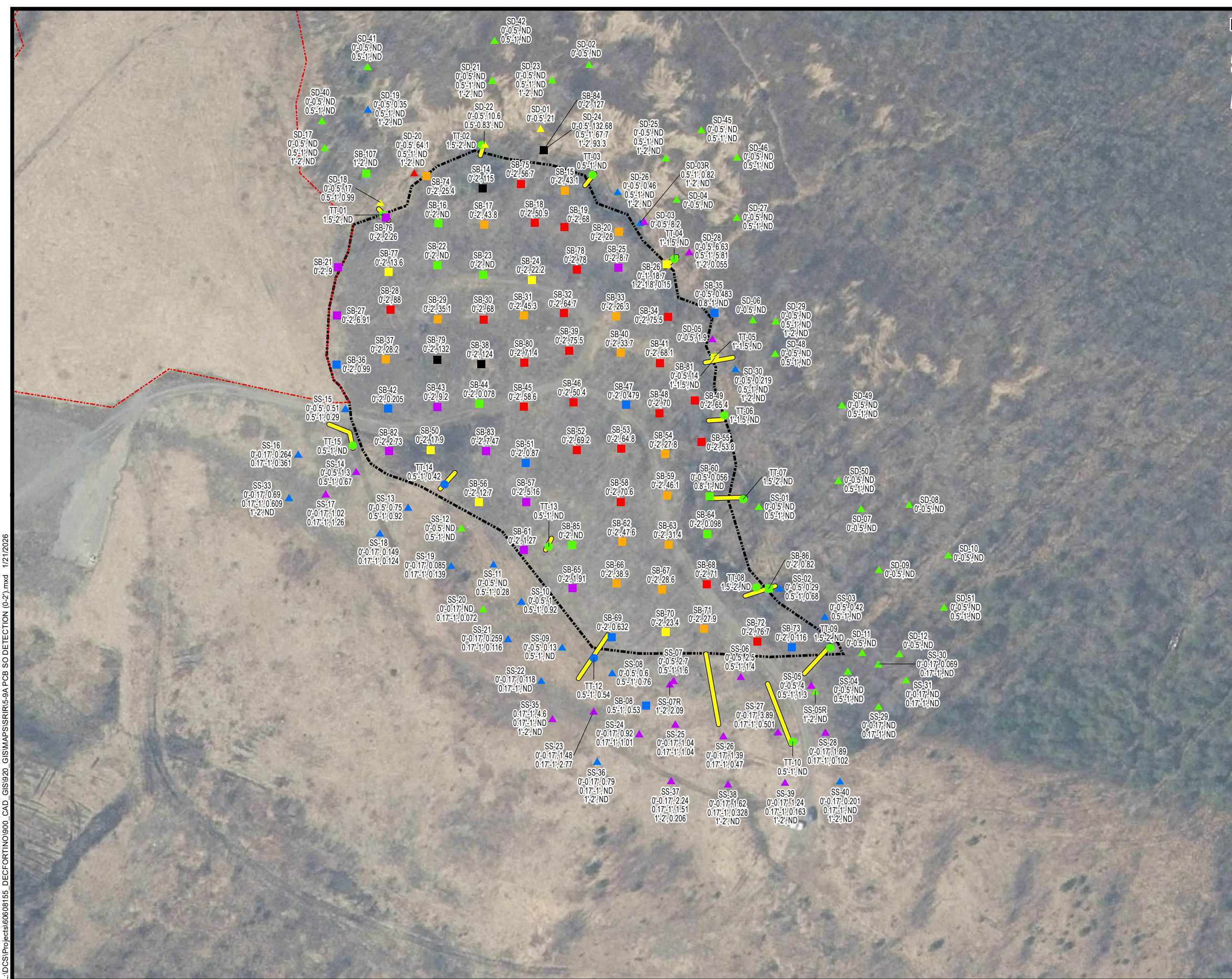
ML

60629330

2/23/2026

5-8

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-9A PCB SO DETECTION (0-2).mxd 1/21/2026



Legend

- Soil Boring
- Surface Soil Sample Location
- Test Trench Sample Location
- Test Trench Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)

Total PCB Concentration (mg/kg):

- ≤ 0.1
- > 0.1 - ≤ 1
- > 1 - ≤ 10
- > 10 - ≤ 25
- > 25 - < 50
- ≥ 50 - ≤ 100
- > 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020

100 0 100 Feet

AECOM

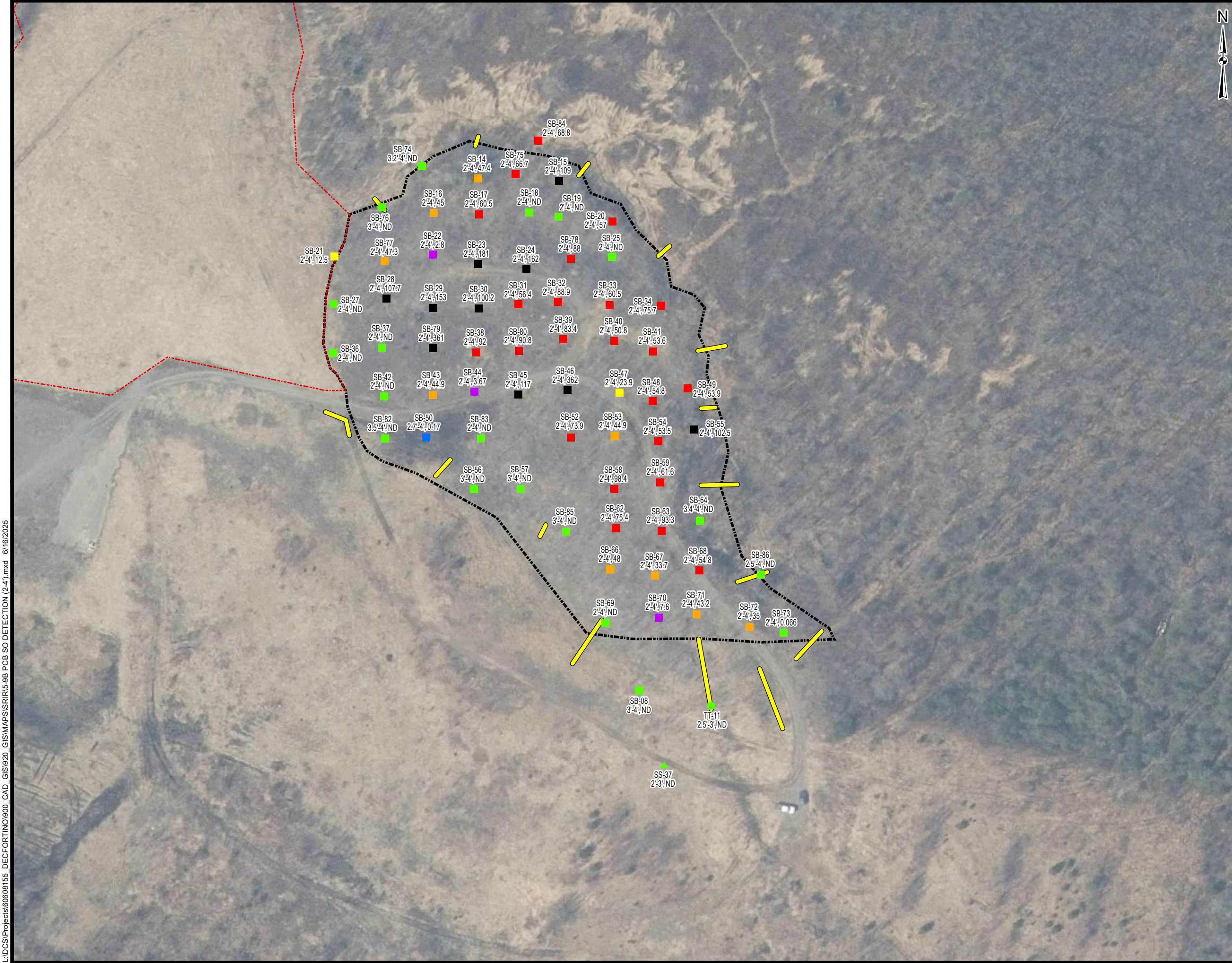
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS (0 - 2 FT BGS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-9A PCB SO DETECTION (0-2)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 1/21/2026	FIGURE NO.: 5-9A

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-9B_PCB_SO_DETECTION (2-4').mxd 6/16/2025



- Legend
- Soil Boring
- ▲

Surface Soil Sample Location
- Test Trench Sample Location
- Test Trench Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill

Limits of Site (ASR Waste)

Total PCB Concentration (mg/kg):

●

≤ 0.1

●

> 0.1 - ≤1

●

> 1 - ≤ 10

●

> 10 - ≤ 25

●

> 25 - < 50

●

≥ 50 - ≤ 100

●

> 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020

100

0

100

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS
(2 - 4 FT BGS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-9B PCB SO DETECTION (2-4')	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 5-9B

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-9C PCB SO DETECTION (4-6').mxd 6/16/2025



Soil Boring

Approximate Extent of Town of Monroe
Municipal Waste Landfill

Limits of Site (ASR Waste)

Total PCB Concentration (mg/kg):

≤ 0.1

> 0.1 - ≤1

> 1 - ≤ 10

> 10 - ≤ 25

> 25 - < 50

≥ 50 - ≤ 100

> 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020

100

0

100

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS
(4 - 6 FT BGS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
5-9C PCB SO DETECTION (4-6')

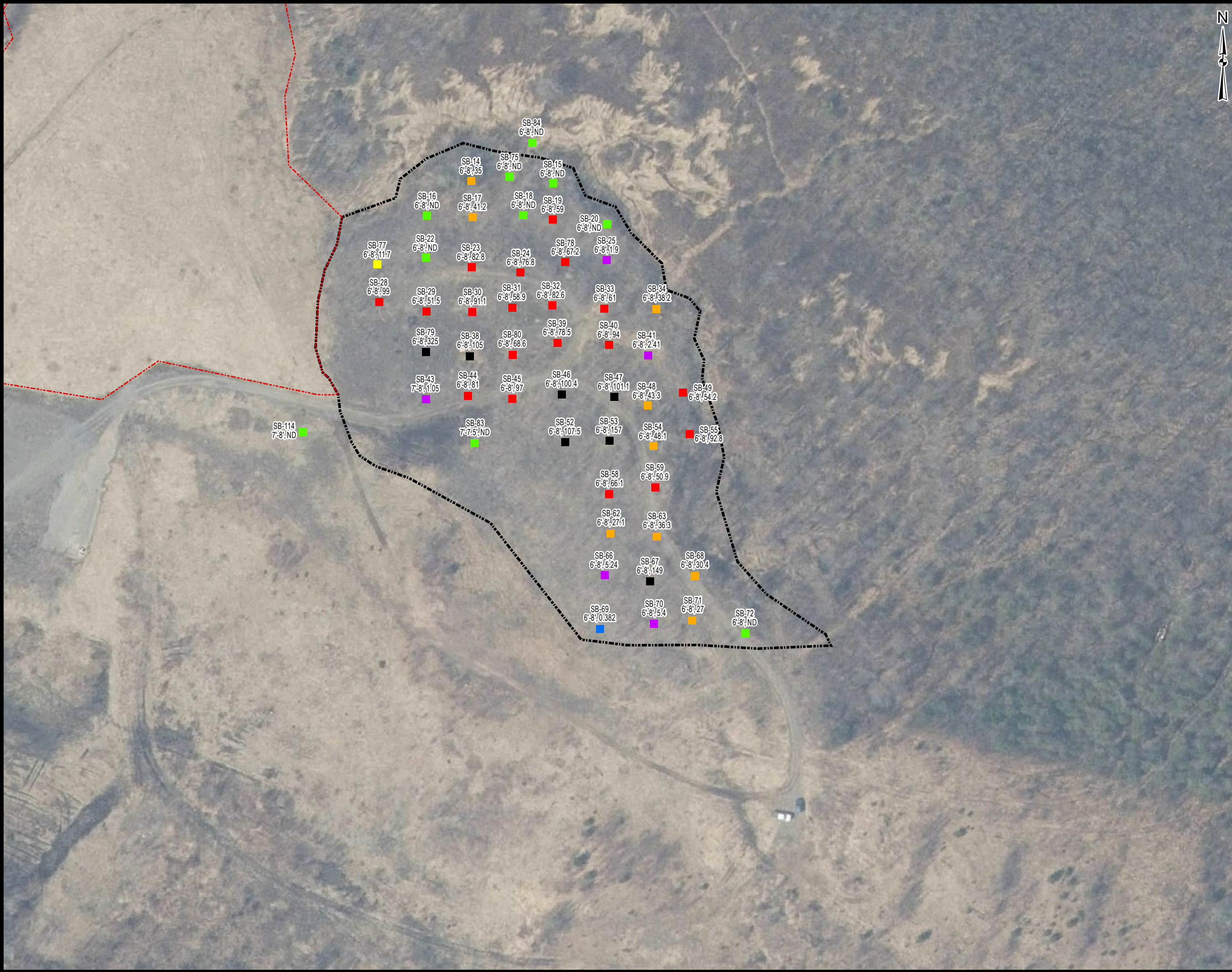
DRAWN:
ML

PROJECT NO.:
60629330

DATE:
6/16/2025

FIGURE NO.:
5-9C

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-9D PCB SO DETECTION (6-8').mxd 6/16/2025



Legend

■ Soil Boring

Approximate Extent of Town of Monroe
Municipal Waste Landfill

Limits of Site (ASR Waste)

Total PCB Concentration (mg/kg):

● ≤ 0.1

● > 0.1 - ≤ 1

● > 1 - ≤ 10

● > 10 - ≤ 25

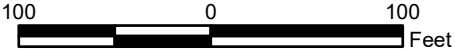
● > 25 - < 50

● ≥ 50 - ≤ 100

● > 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

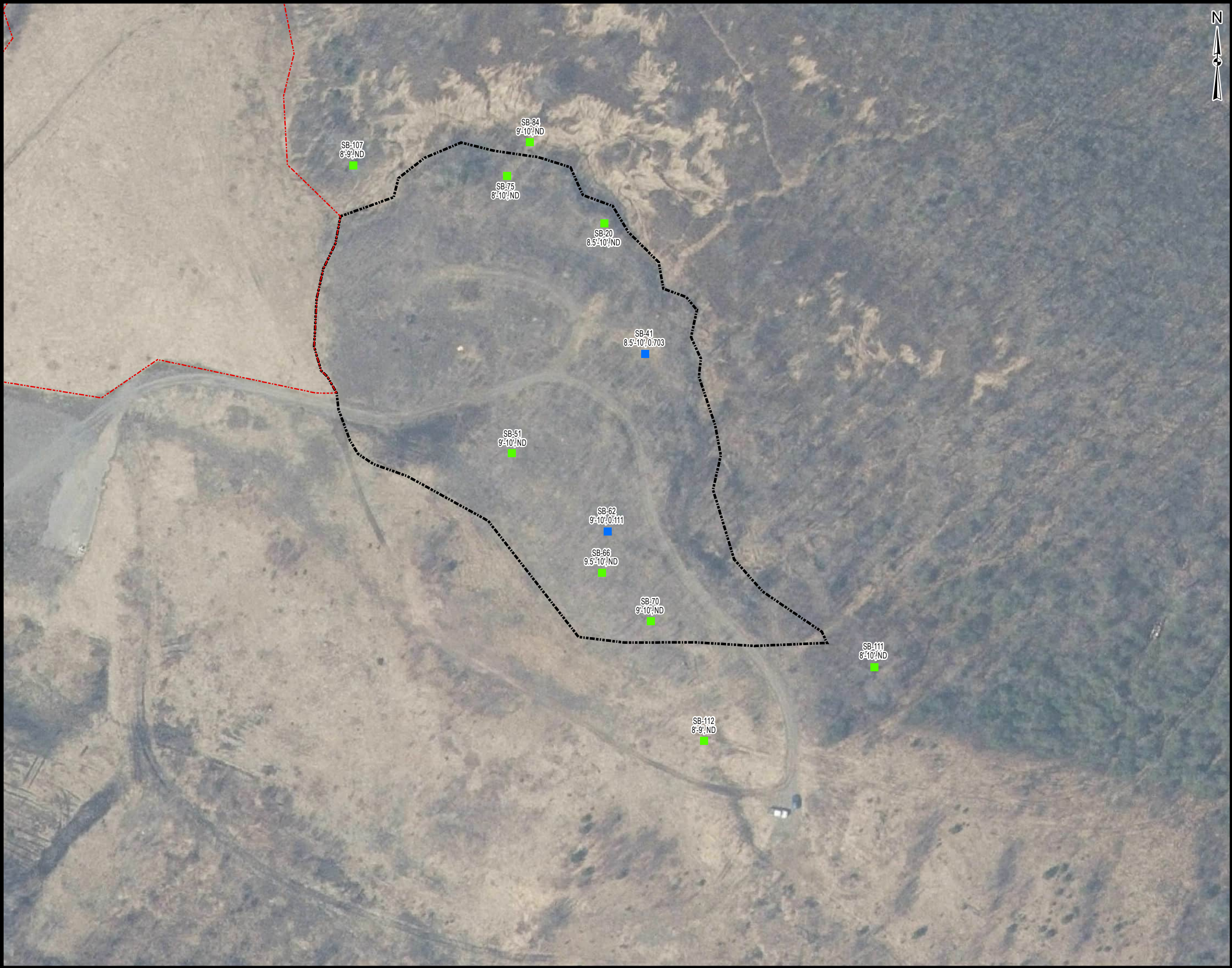
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS
(6 - 8 FT BGS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-9D PCB SO DETECTION (6-8')	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 5-9D

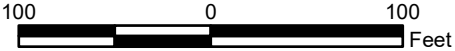
L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-9E_PCB SO DETECTION (8-10') mxd 6/16/2025



- Legend**
- Soil Boring
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
- Total PCB Concentration (mg/kg):**
- ≤ 0.1
 - > 0.1 - ≤1
 - > 1 - ≤ 10
 - > 10 - ≤ 25
 - > 25 - < 50
 - ≥ 50 - ≤ 100
 - > 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020



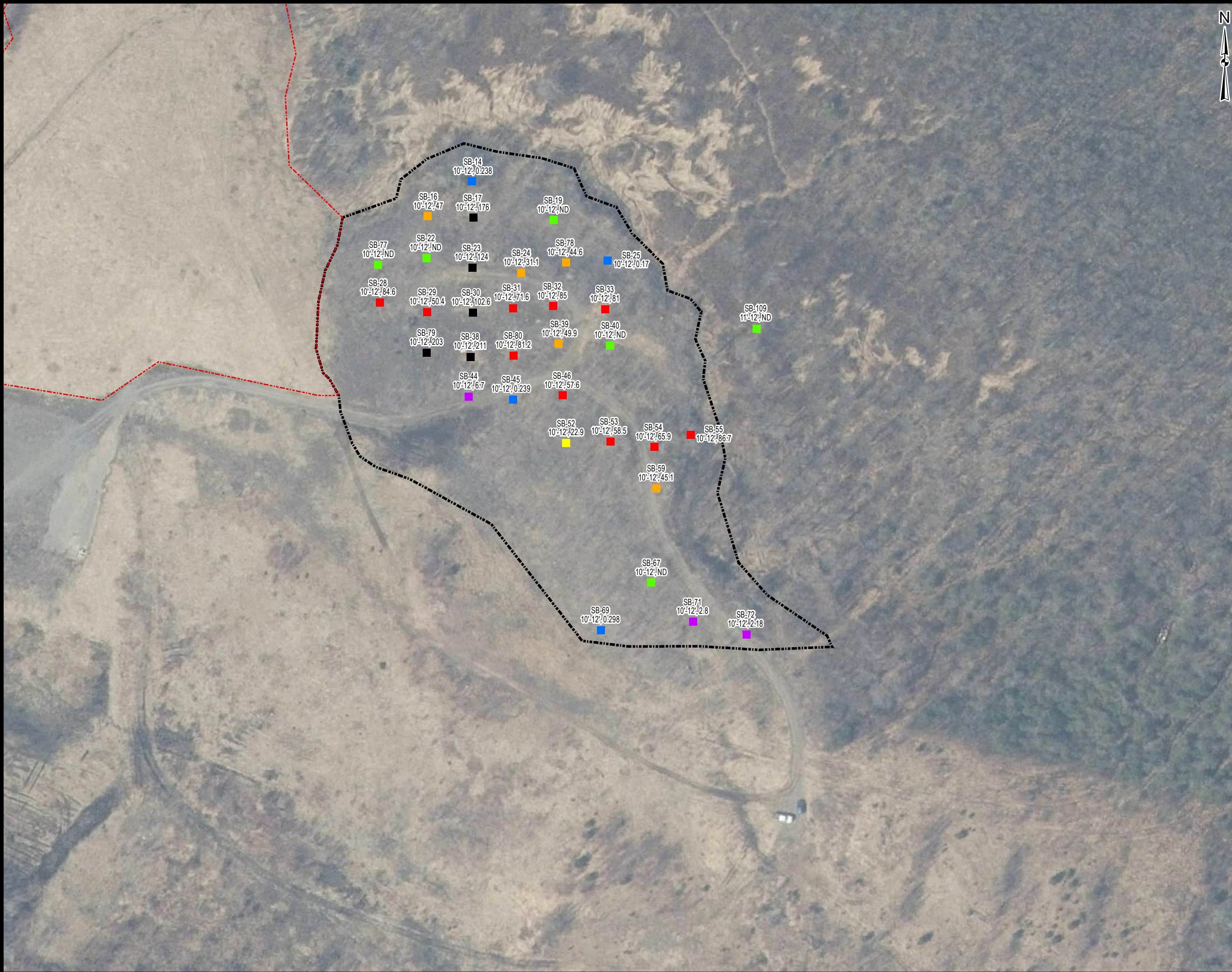
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS
(8 - 10 FT BGS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-9E PCB SO DETECTION (8-10')	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 5-9E

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SR\15-9F_PCB_SO DETECTION (10-12').mxd 6/16/2025



Soil Boring

Approximate Extent of Town of Monroe
Municipal Waste Landfill

Limits of Site (ASR Waste)

Total PCB Concentration (mg/kg):

≤ 0.1

> 0.1 - ≤1

> 1 - ≤ 10

> 10 - ≤ 25

> 25 - < 50

≥ 50 - ≤ 100

> 100

NOTE:

Units are shown in mg/kg.

SOURCE:

NYS ITS GIS Program Office, 2020

10000100

0

100

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS

(10 - 12 FT BGS)

PINNACLE ROAD SPUR

WEST MONROE, NEW YORK

FILE NAME:

5-9F PCB SO DETECTION (10-12)

DRAWN:

ML

PROJECT NO.:

60629330

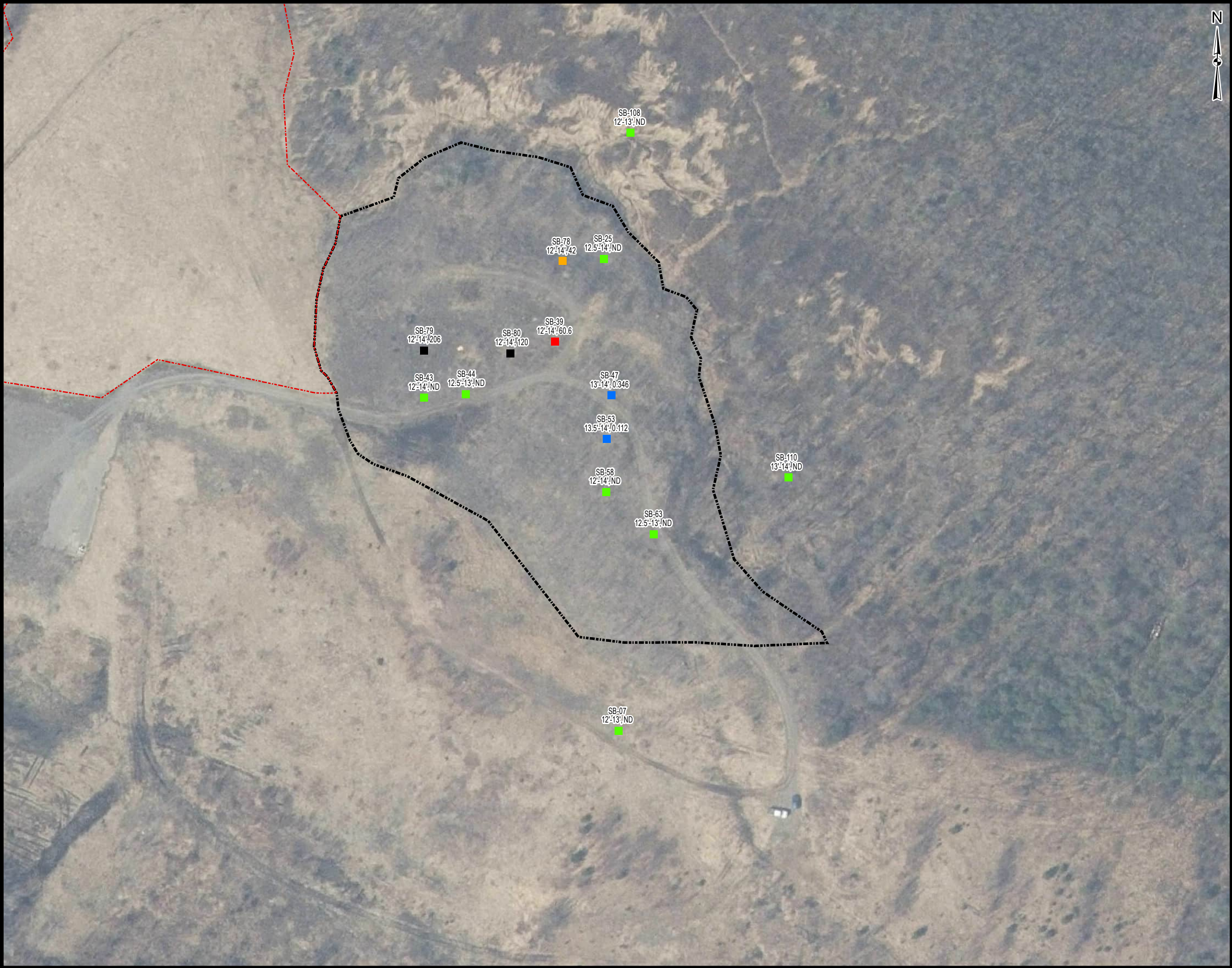
DATE:

6/16/2025

FIGURE NO.:

5-9F

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-9G_PCB SO DETECTION (12'-14')\mxd 6/16/2025



Legend

- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)

Total PCB Concentration (mg/kg):

- ≤ 0.1
- > 0.1 - ≤1
- > 1 - ≤ 10
- > 10 - ≤ 25
- > 25 - < 50
- ≥ 50 - ≤ 100
- > 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020

100

0

100

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SOIL PCB DETECTIONS
(12 - 14 FT BGS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-9G PCB SO DETECTION (12-14')	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 5-9G

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SR\15-9H_PCB_SO DETECTION (14-16').mxd 6/16/2025



Soil Boring

Approximate Extent of Town of Monroe
Municipal Waste Landfill

Limits of Site (ASR Waste)

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020

10000100

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS
(14 - 16 FT BGS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
5-9H PCB SO DETECTION (14-16')

DRAWN:
ML

PROJECT NO.:
60629330

DATE:
6/16/2025

FIGURE NO.:
5-9H

Legend

Soil Boring

Approximate Extent of Town of Monroe
Municipal Waste Landfill

Limits of Site (ASR Waste)

Total PCB Concentration (mg/kg):

≤ 0.1

> 0.1 - ≤1

> 1 - ≤ 10

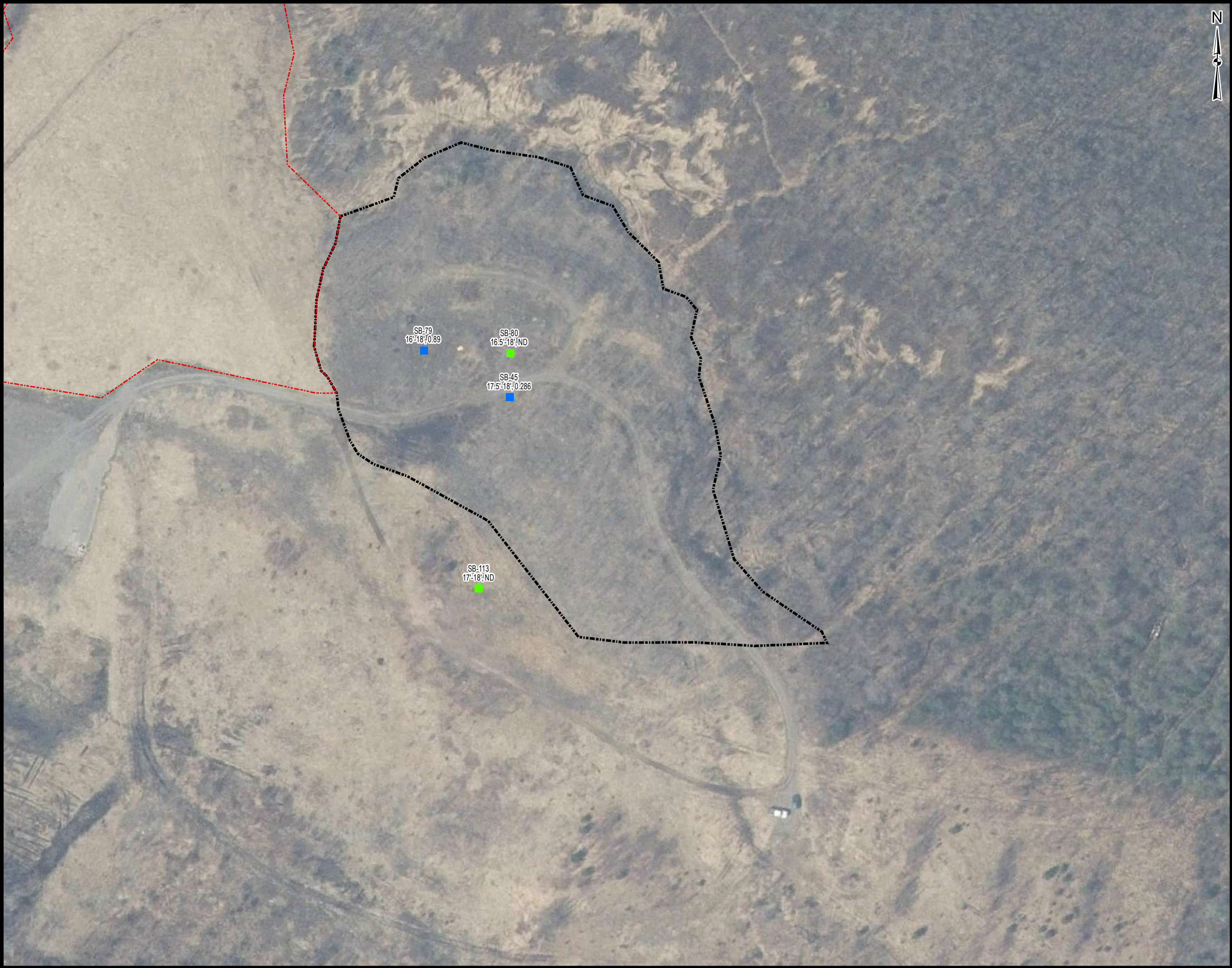
> 10 - ≤ 25

> 25 - < 50

≥ 50 - ≤ 100

> 100

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-91\PCB SO DETECTION (16-18').mxd 6/16/2025

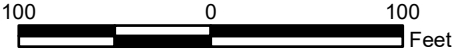


Legend

- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Total PCB Concentration (mg/kg):
 - ≤ 0.1
 - > 0.1 - ≤1
 - > 1 - ≤ 10
 - > 10 - ≤ 25
 - > 25 - < 50
 - ≥ 50 - ≤ 100
 - > 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

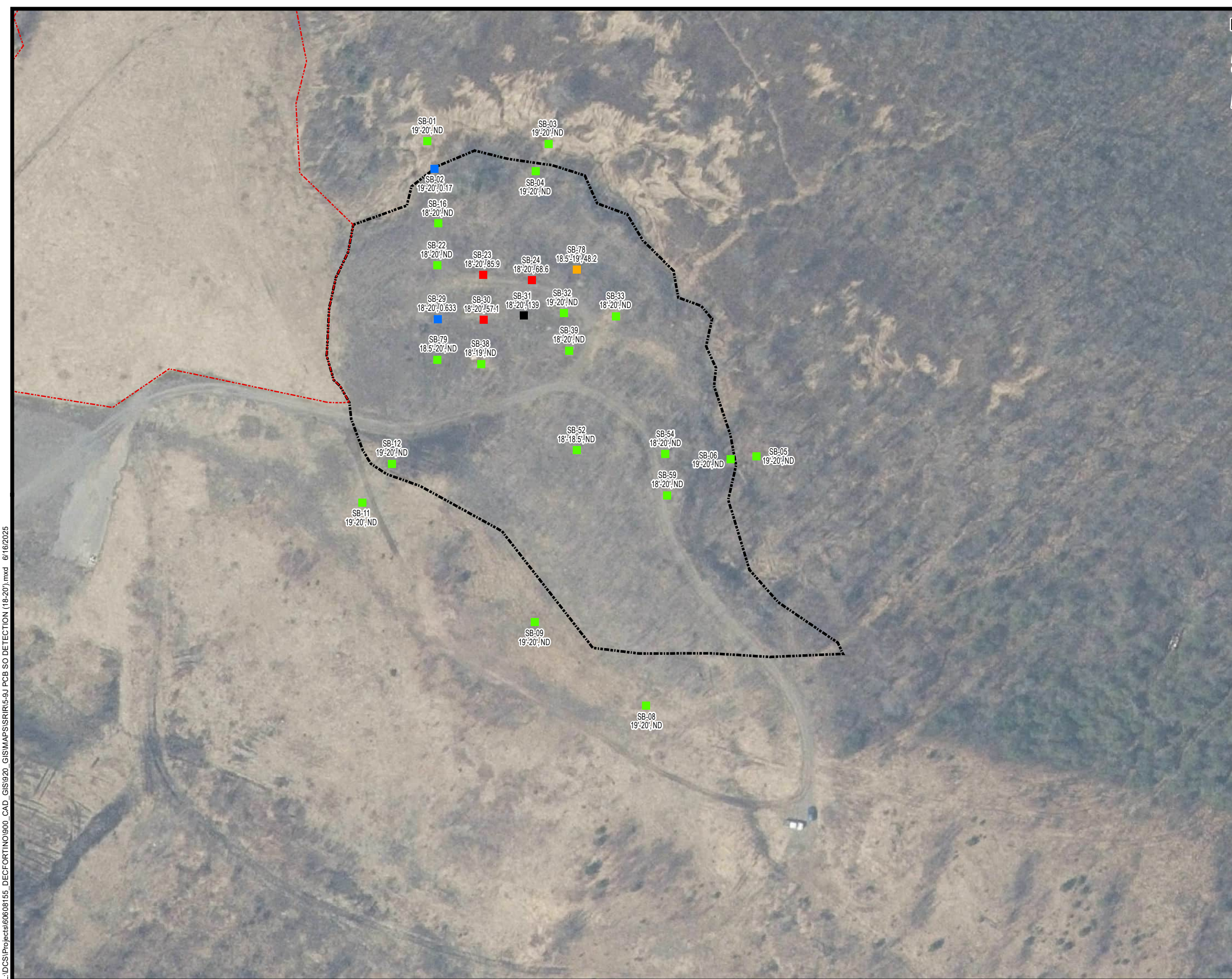
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS
(16 - 18 FT BGS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-91 PCB SO DETECTION (16-18')	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 5-91

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SR\18-20_PCB SO DETECTION (18-20').mxd 6/16/2025



Soil Boring

Approximate Extent of Town of Monroe
Municipal Waste Landfill

Limits of Site (ASR Waste)

Total PCB Concentration (mg/kg):

≤ 0.1

> 0.1 - ≤1

> 1 - ≤ 10

> 10 - ≤ 25

> 25 - < 50

≥ 50 - ≤ 100

> 100

NOTE:

Units are shown in mg/kg.

SOURCE:

NYS ITS GIS Program Office, 2020

100

0

100

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS

(18 - 20 FT BGS)

PINNACLE ROAD SPUR

WEST MONROE, NEW YORK

FILE NAME:

5-9J PCB SO DETECTION (18-20')

DRAWN:

ML

PROJECT NO.:

60629330

DATE:

6/16/2025

FIGURE NO.:

5-9J

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-9K_PCB_SO_DETECTION (20-22').mxd 6/16/2025

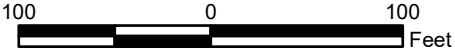


Legend

- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Total PCB Concentration (mg/kg):
 - ≤ 0.1
 - > 0.1 - ≤1
 - > 1 - ≤ 10
 - > 10 - ≤ 25
 - > 25 - < 50
 - ≥ 50 - ≤ 100
 - > 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

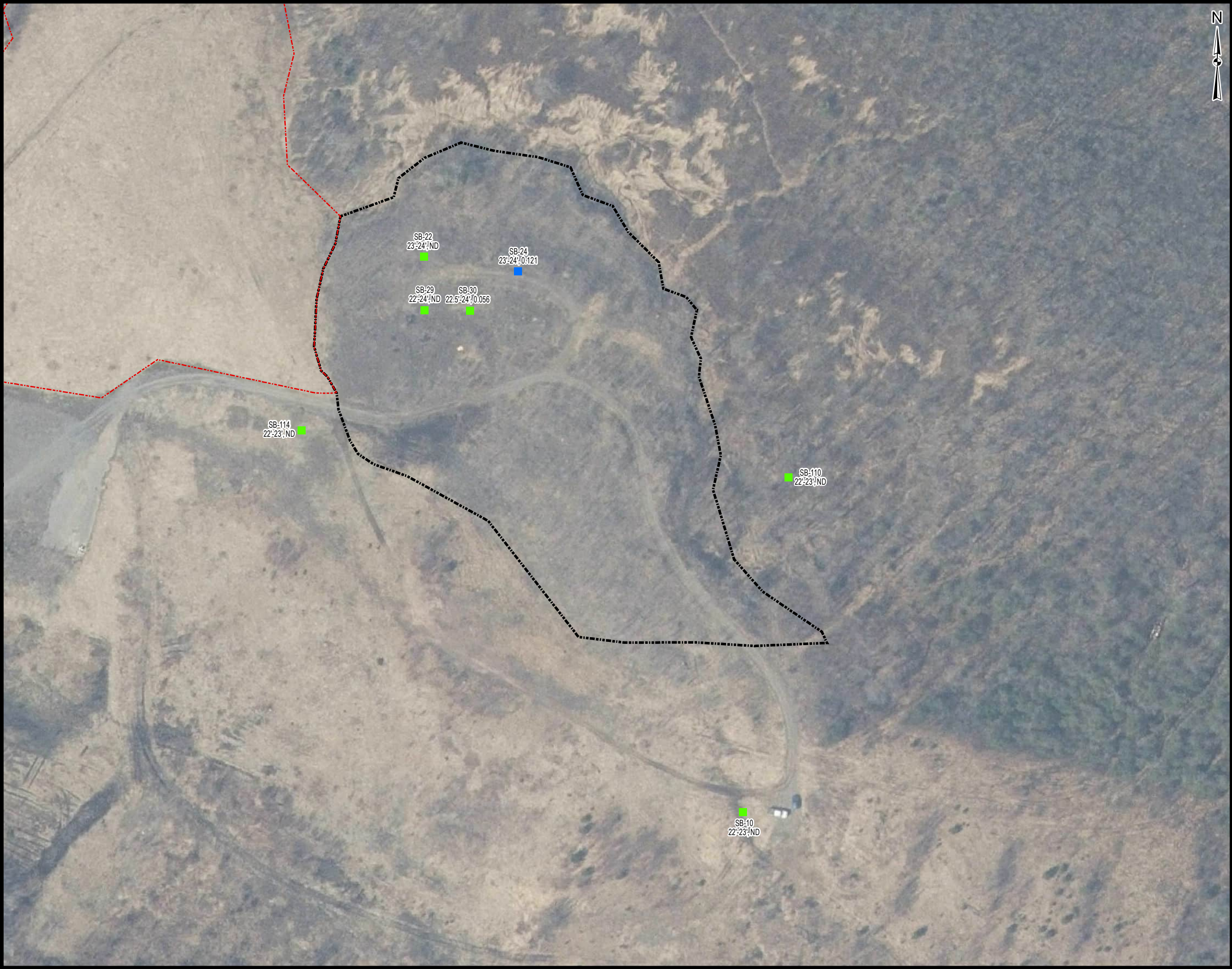
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS
(20 - 22 FT BGS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-9K PCB SO DETECTION (20-22')	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 5-9K

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SR\5-9L_PCB SO DETECTION (22-24')\mxd 6/16/2025

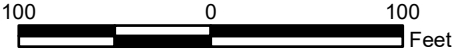


Legend

- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Total PCB Concentration (mg/kg):
 - ≤ 0.1
 - $> 0.1 - \leq 1$
 - $> 1 - \leq 10$
 - $> 10 - \leq 25$
 - $> 25 - < 50$
 - $\geq 50 - \leq 100$
 - > 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

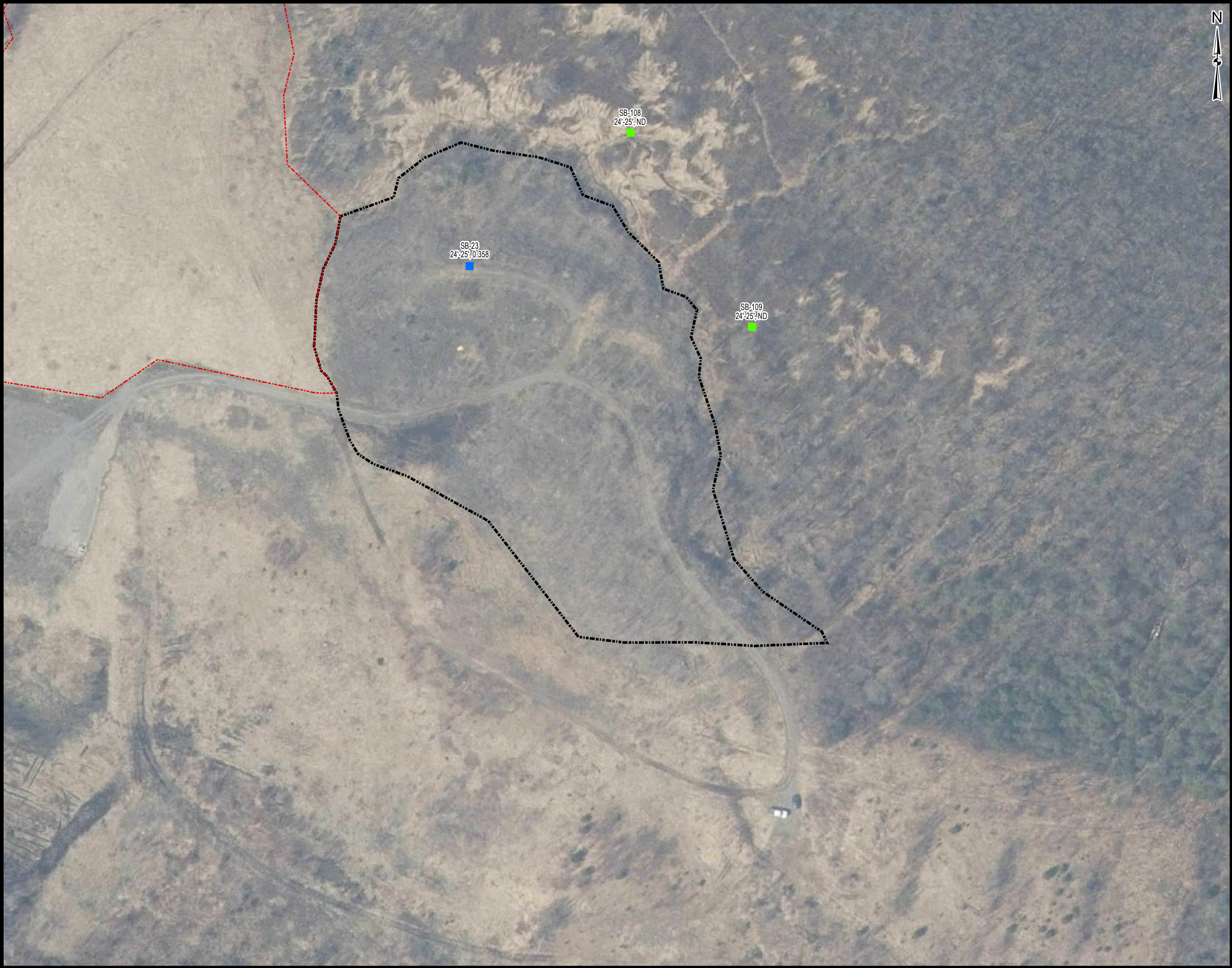
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS
(22 - 24 FT BGS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-9L PCB SO DETECTION (22-24')	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 5-9L

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-9M_PCB_SO_DETECTION (24-26).mxd 6/16/2025



Legend

- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)

Total PCB Concentration (mg/kg):

- ≤ 0.1
- > 0.1 - ≤1
- > 1 - ≤ 10
- > 10 - ≤ 25
- > 25 - < 50
- ≥ 50 - ≤ 100
- > 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020

10000100

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SOIL PCB DETECTIONS
(24 - 26 FT BGS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-9M PCB SO DETECTION (24-26)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 5-9M

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-9N PCB SO DETECTION (26-28').mxd 6/16/2025

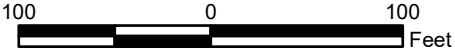


Legend

- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Total PCB Concentration (mg/kg):
 - ≤ 0.1
 - > 0.1 - ≤1
 - > 1 - ≤ 10
 - > 10 - ≤ 25
 - > 25 - < 50
 - ≥ 50 - ≤ 100
 - > 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SOIL PCB DETECTIONS
(26 - 28 FT BGS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-9N PCB SO DETECTION (26-28')	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 5-9N

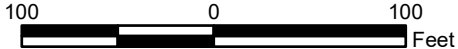
L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-90_PCB_SO_DETECTION (28-30').mxd 6/16/2025



- Legend**
- Soil Boring
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
- Total PCB Concentration (mg/kg):**
- ≤ 0.1
 - > 0.1 - ≤1
 - > 1 - ≤ 10
 - > 10 - ≤ 25
 - > 25 - < 50
 - ≥ 50 - ≤ 100
 - > 100

NOTE:
Units are shown in mg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SOIL PCB DETECTIONS
(28 - 30 FT BGS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-90 PCB SO DETECTION (28-30')	DRAWN: ML	PROJECT NO.: 60629330	DATE: 6/16/2025	FIGURE NO.: 5-90

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SR\6-10 SUBSS ASR UNRES (PEST).mxd 2/10/2026



Legend

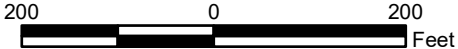
- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-17 (10' - 12') CRIT 12/22			
Pesticides:			
Hexachlorobenzene	0.33	3.2	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**ASR WASTE PILE
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(PESTICIDES)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-10 SUBSS ASR UNRES (PEST)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/10/2026	FIGURE NO.: 5-10

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SR\6-11 SUBSS ASR RES (PEST).mxd 2/13/2026



Legend

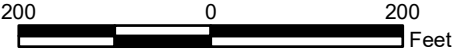
- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- - - Limits of Site (ASR Waste)
- ▨ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-17 (10' - 12')		CRIT	12/22
Pesticides:			
Hexachlorobenzene	0.33	3.2	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

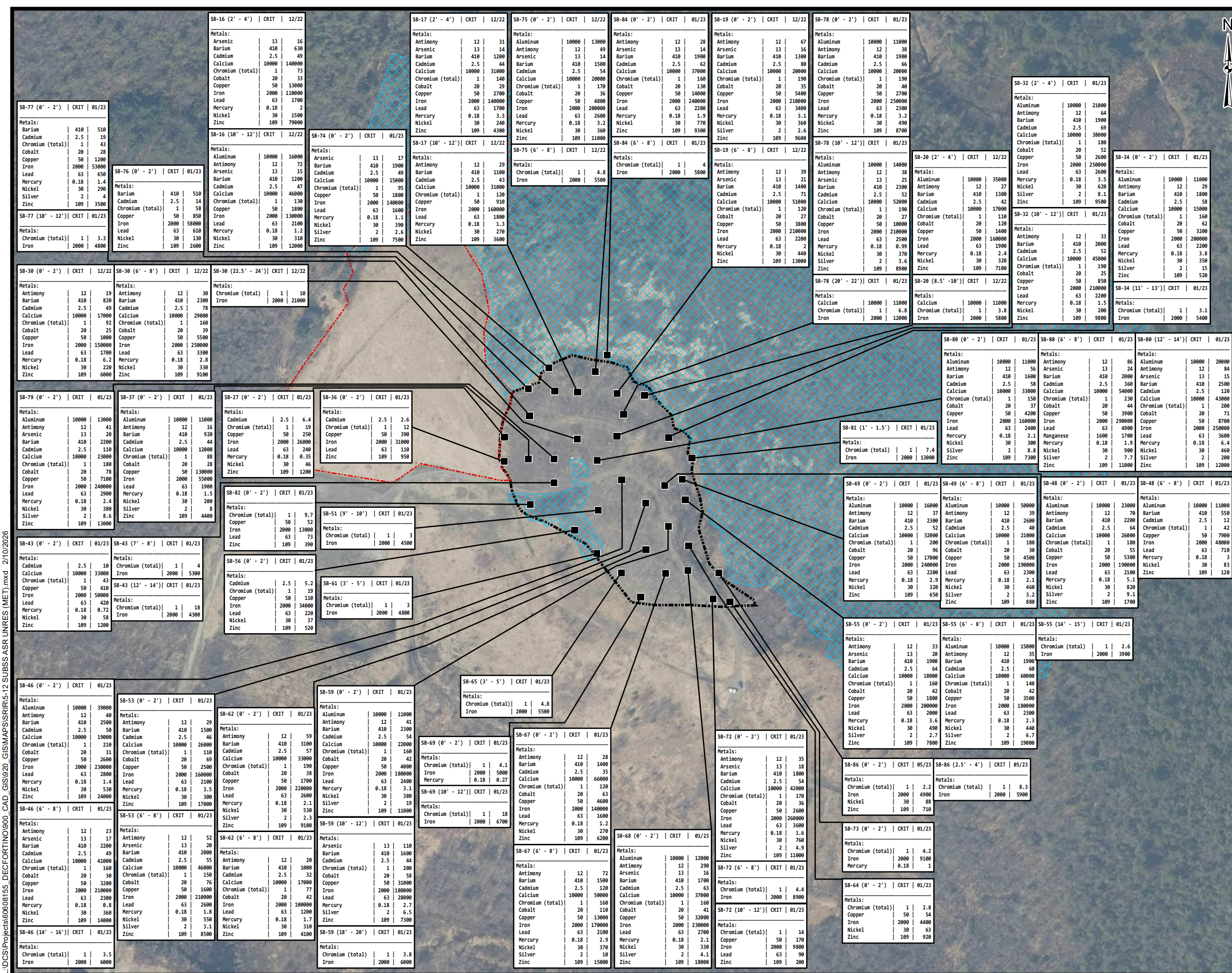
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**ASR WASTE PILE
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PESTICIDES)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-11 SUBSS ASR RES (PEST)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-11

L:\DCS\Projects\60608155 DECORTINO\900_CAD GIS\920 GISMAPS\SRIR\5-12 SUBSS ASR UNRES (MET).mxd 2/10/2026



Legend

- Soil Boring
- Approximate Extent of Town of Monroe
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-84 (0' - 2') CRIT 01/23			
Metals:			
Mercury	0.18	1.9	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

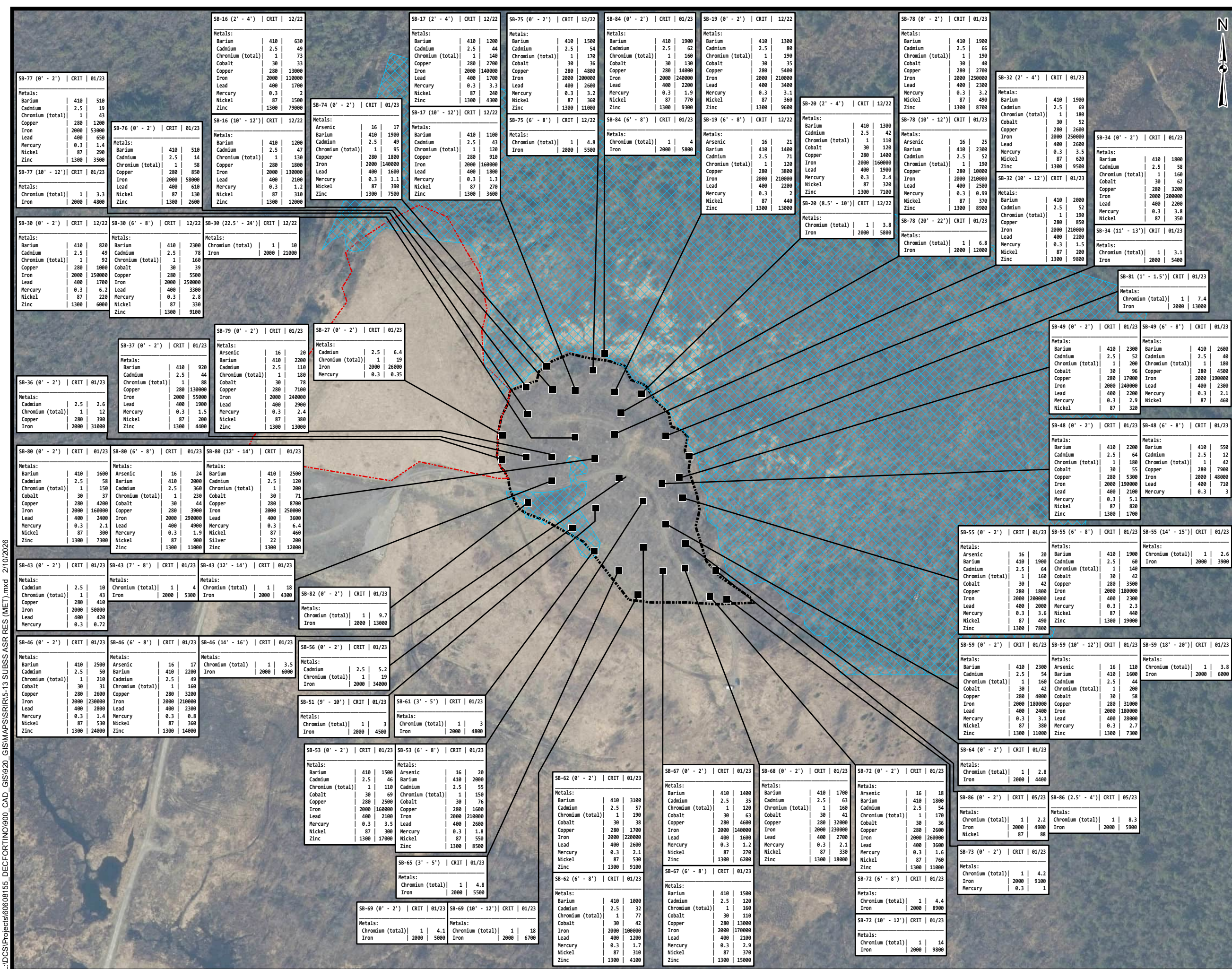
AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

ASR WASTE PILE UNRESTRICTED USE SCO ANALYTICAL EXCEEDANCES (METALS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:	DRAWN:	PROJECT NO.:	DATE:	FIGURE NO.:
5-12 SUBSS ASR UNRES (MET)	ML	60629330	2/10/2026	5-12



Legend

- Soil Boring
- Approximate Extent of Town of Monroe
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-84 (0' - 2') CRIT 01/23			
Metals:			
Mercury	0.3	1.9	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200

0

200

Feet

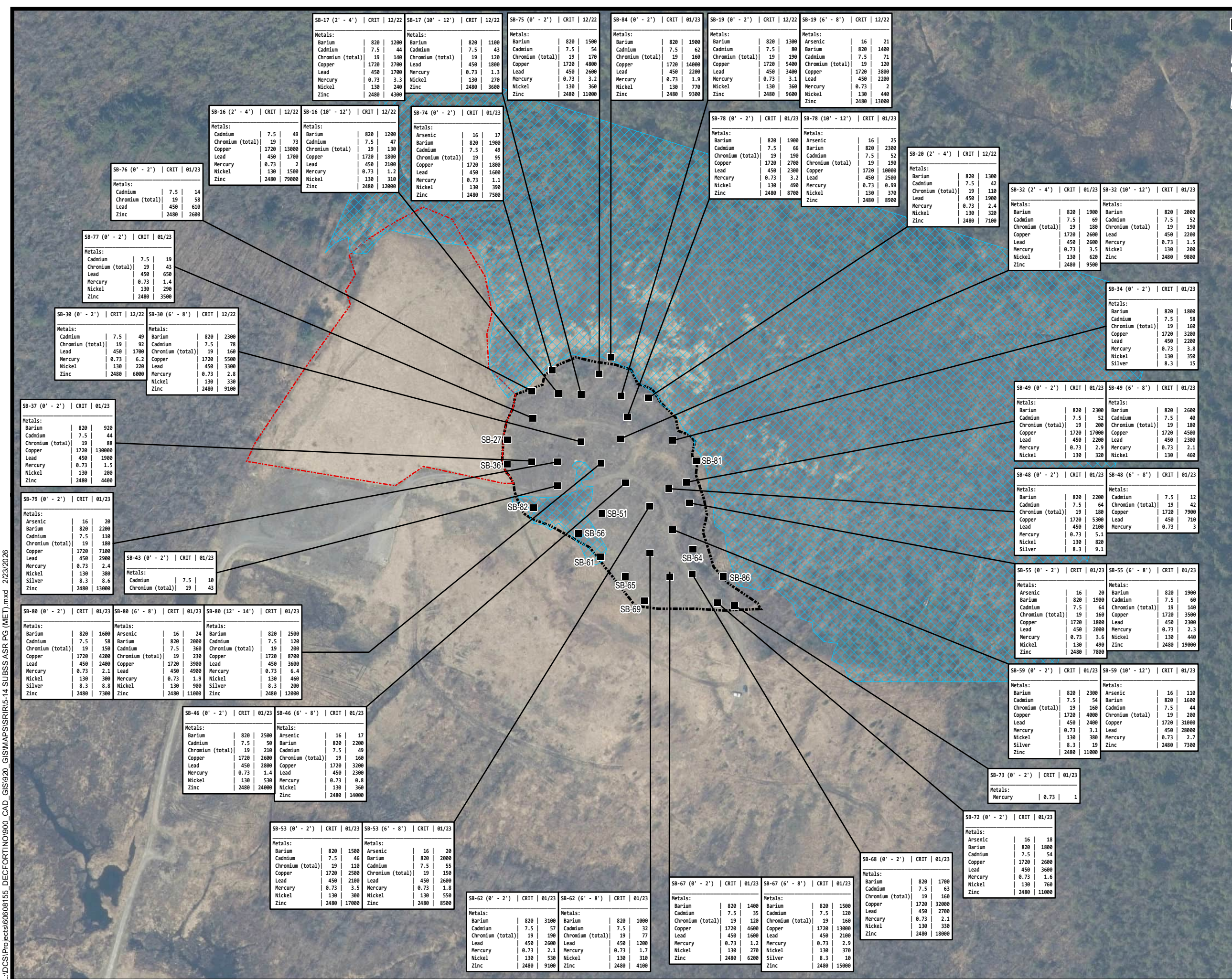
AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**ASR WASTE PILE
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(METALS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-13 SUBSS ASR RES (MET)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/10/2026	FIGURE NO.: 5-13



- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

NOTE:
Units are shown in mg/kg.

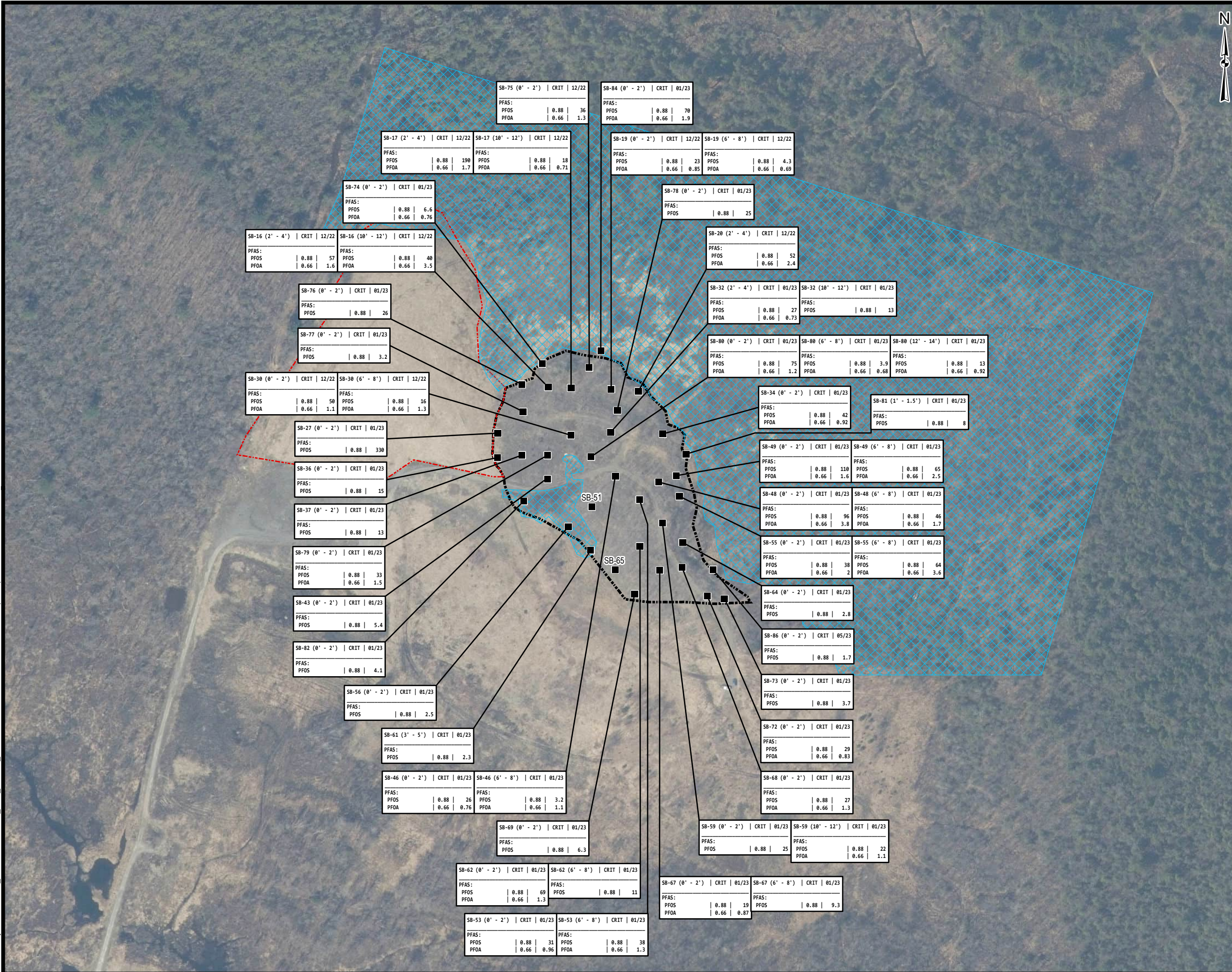
SOURCE:
NYS ITS GIS Program Office, 2020



**ASR WASTE PILE
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(METALS)**

FILE NAME:	DRAWN:	PROJECT NO.:	DATE:	FIGURE NO.:
5-14 SUBSSASR PG (MET)	ML	60629330	2/23/2026	5-14

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-15 SUBSS ASR UNRES (PFAS).mxd 2/10/2026



Legend

- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-76 (0' - 2')	CRIT	01/23	
PFAS:			
PFOS	0.88	26	
Parameter		Concentration	

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200 0 200 Feet

AECOM

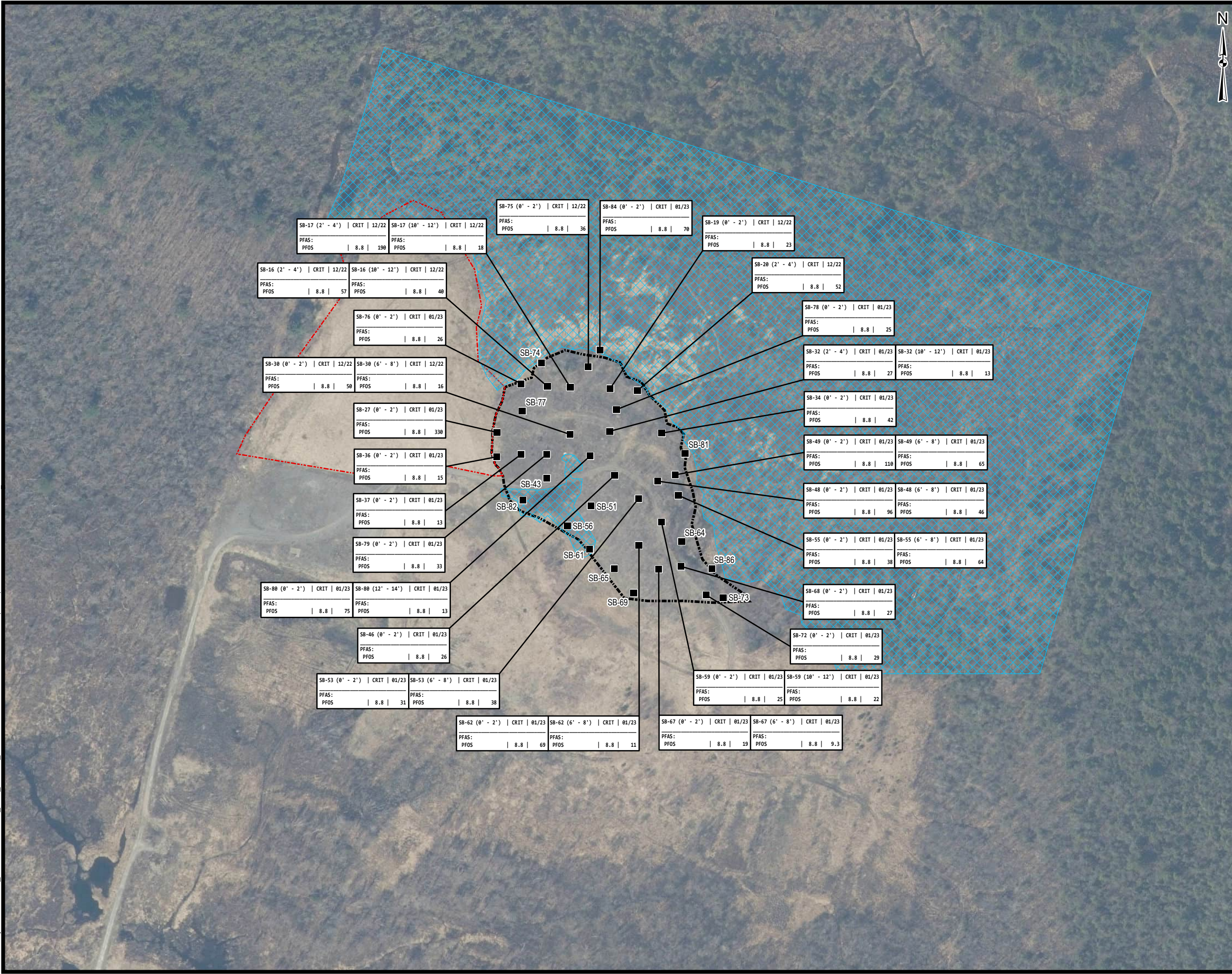
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

ASR WASTE PILE UNRESTRICTED USE SCO ANALYTICAL EXCEEDANCES (PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-15 SUBSS ASR UNRES (PFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/10/2026	FIGURE NO.: 5-15

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SR\5-16 SUBSS ASR RES (PFAS).mxd 2/10/2026



Legend

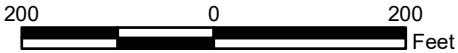
- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-20 (2' - 4') CRIT 12/22			
PFAS:			
PFOS			
Parameter		Concentration	

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

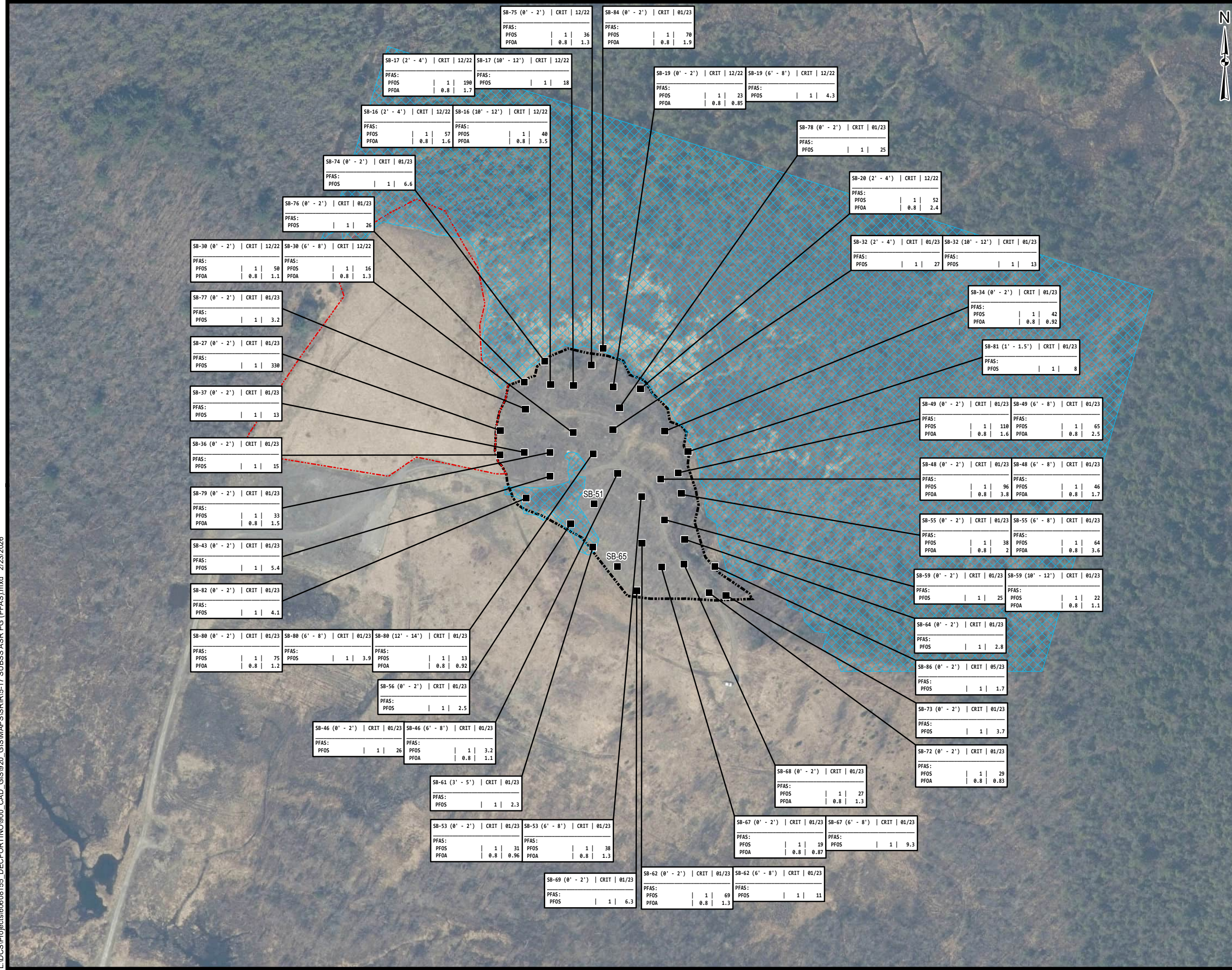
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

ASR WASTE PILE
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-16 SUBSS ASR RES (PFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/10/2026	FIGURE NO.: 5-16

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-17 SUBSS ASR PG (PFAS).mxd 2/23/2026



Legend

- Soil Boring
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-76 (0' - 2')	CRIT	01/23	
PFAS:			
PFOS	1	26	
Parameter		Concentration	

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200 0 200 Feet

AECOM

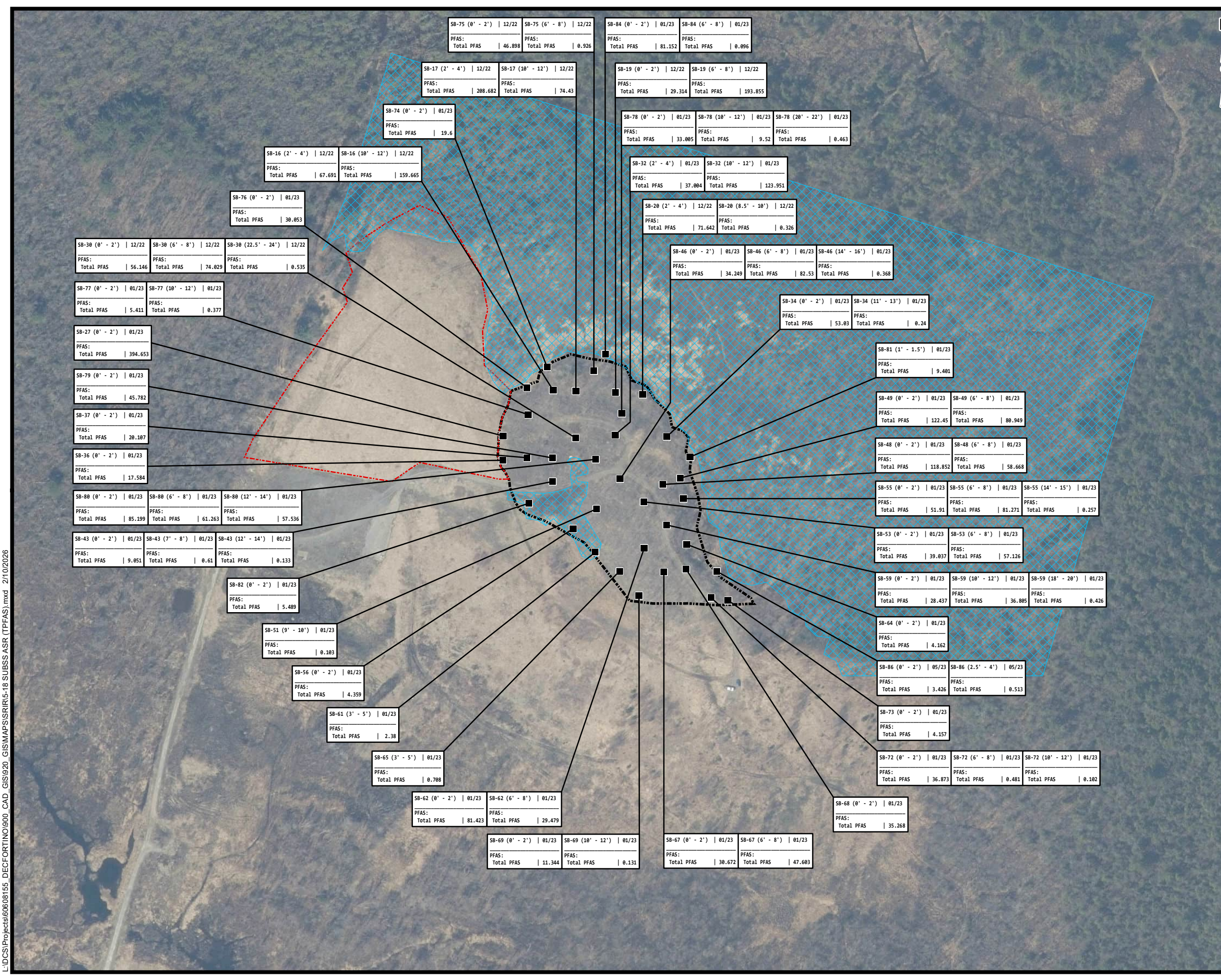
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

ASR WASTE PILE PROTECTION OF GROUNDWATER SCO ANALYTICAL EXCEEDANCES (PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-17 SUBSS ASR PG (PFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-17

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-18 SUBSS ASR (TPFAS).mxd 2/10/2026



Legend

■ Soil Boring

Approximate Extent of Town of Monroe
Municipal Waste Landfill

Limits of Site (ASR Waste)

Delineated Wetland

Location
ID

Depth
(feet)

Date

SB-74 (0' - 2')

01/23

PFAS:

Total PFAS

Parameter

Concentration

19.6

NOTE:

Units are shown in µg/kg.

SOURCE:

NYS ITS GIS Program Office, 2020

2000200

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORTINO TIRE LANDFILL SITE

ASR WASTE PILE

(TOTAL PFAS)

PINNACLE ROAD SPUR

WEST MONROE, NEW YORK

FILE NAME:

DRAWN:

PROJECT NO.:

DATE:

FIGURE NO.:

5-18 SUBSS ASR (TPFAS)

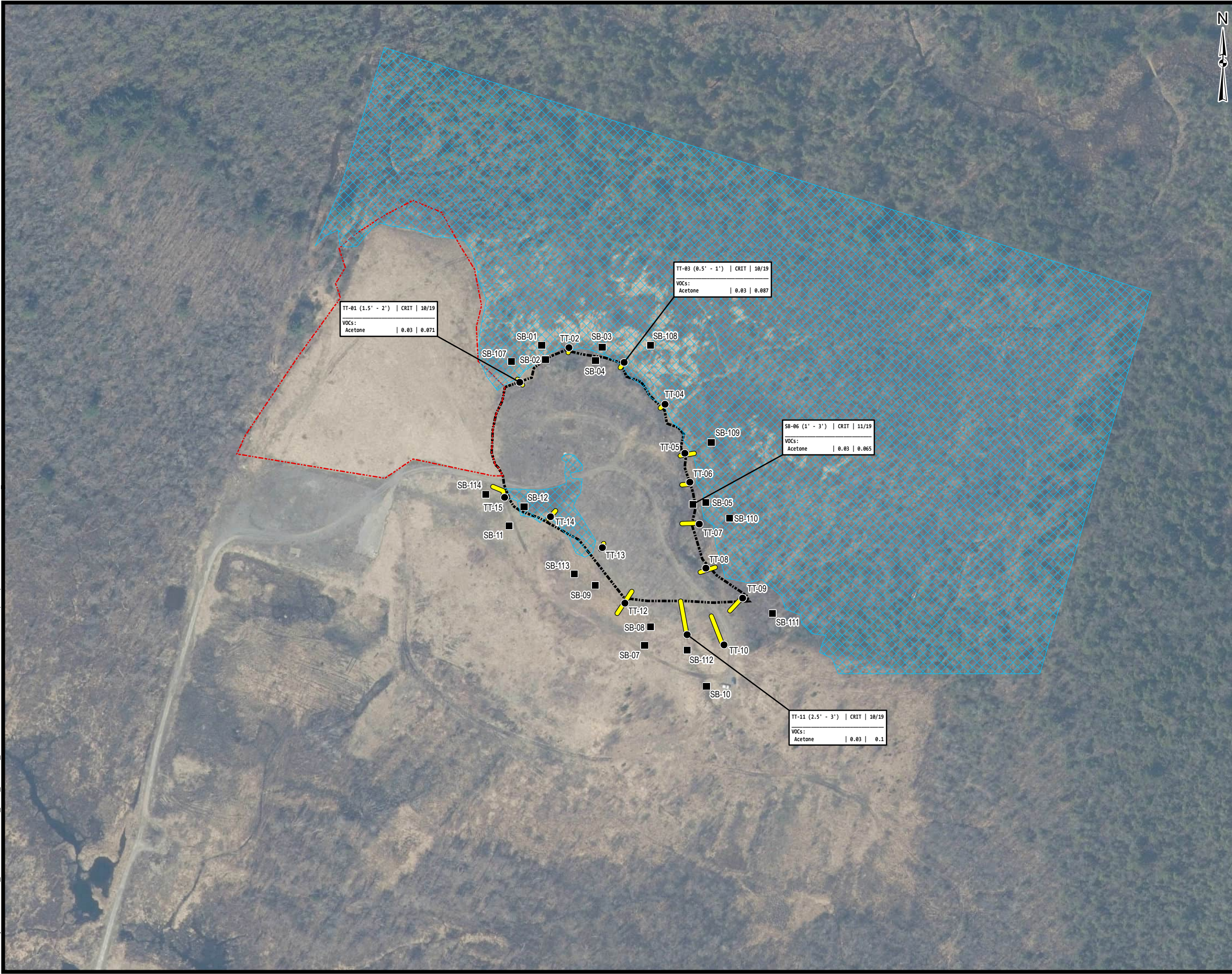
ML

60629330

2/10/2026

5-18

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-19 SUBSS UP UNRES (VOC).mxd 2/13/2026



- Legend**
- Soil Boring
 - Test Trench Sample Location
 - Test Trench Location
 - - - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - - - Limits of Site (ASR Waste)
 - ▨ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-06	(1' - 3')	CRIT	11/19
VOCs:			
Acetone		0.03	0.065
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200 0 200 Feet

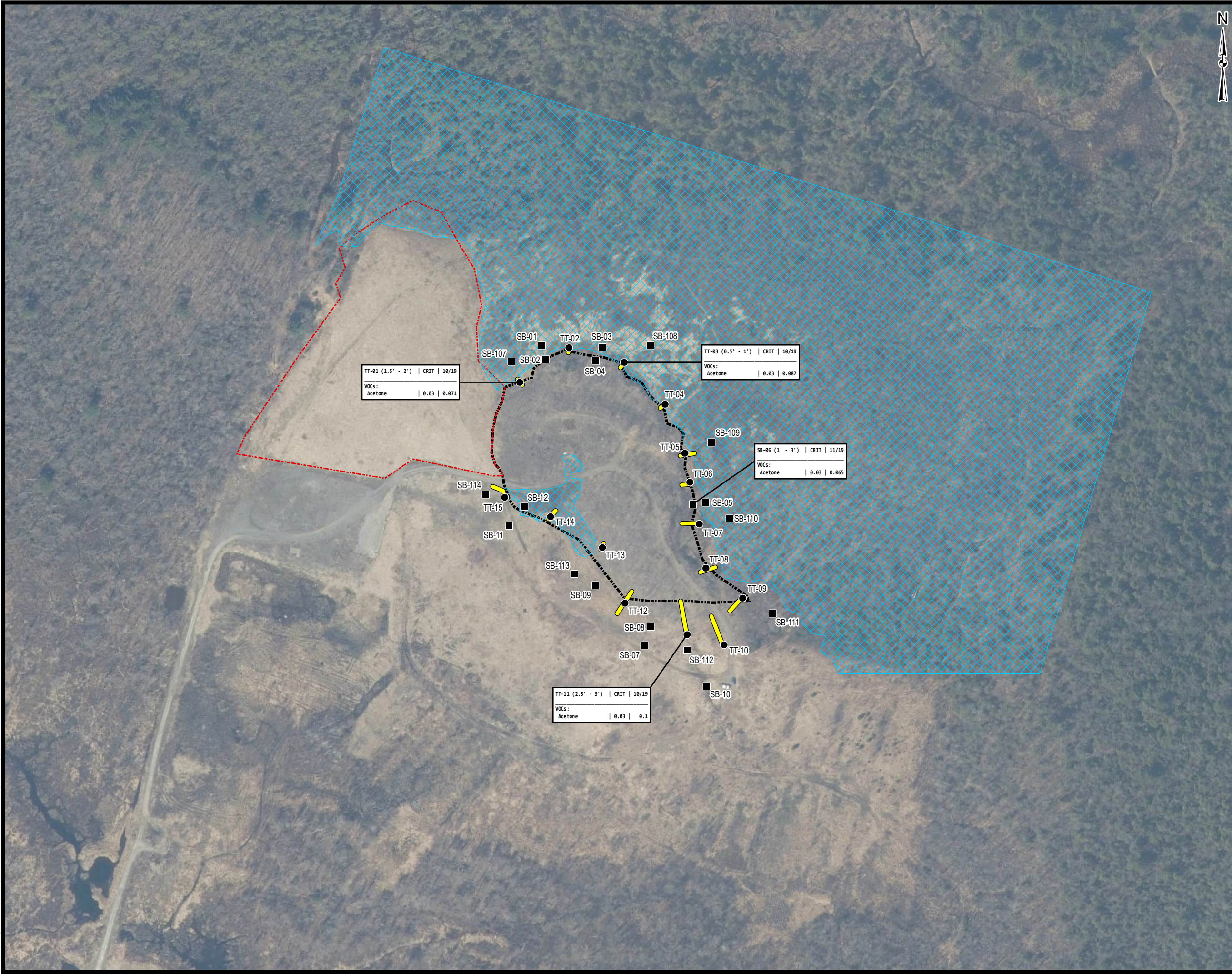
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SUBSURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(VOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-19 SUBSS UP UNRES (VOC)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-19

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SR\15-20 SUBSS UP PG (VOC).mxd 2/23/2026



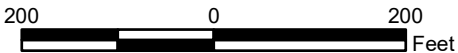
- Legend**
- Soil Boring
 - Test Trench Sample Location
 - Test Trench Location
 - - - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - - - Limits of Site (ASR Waste)
 - ▨ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-06 (1' - 3')		CRIT	11/19
VOCs:			
Acetone		0.03	0.065
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



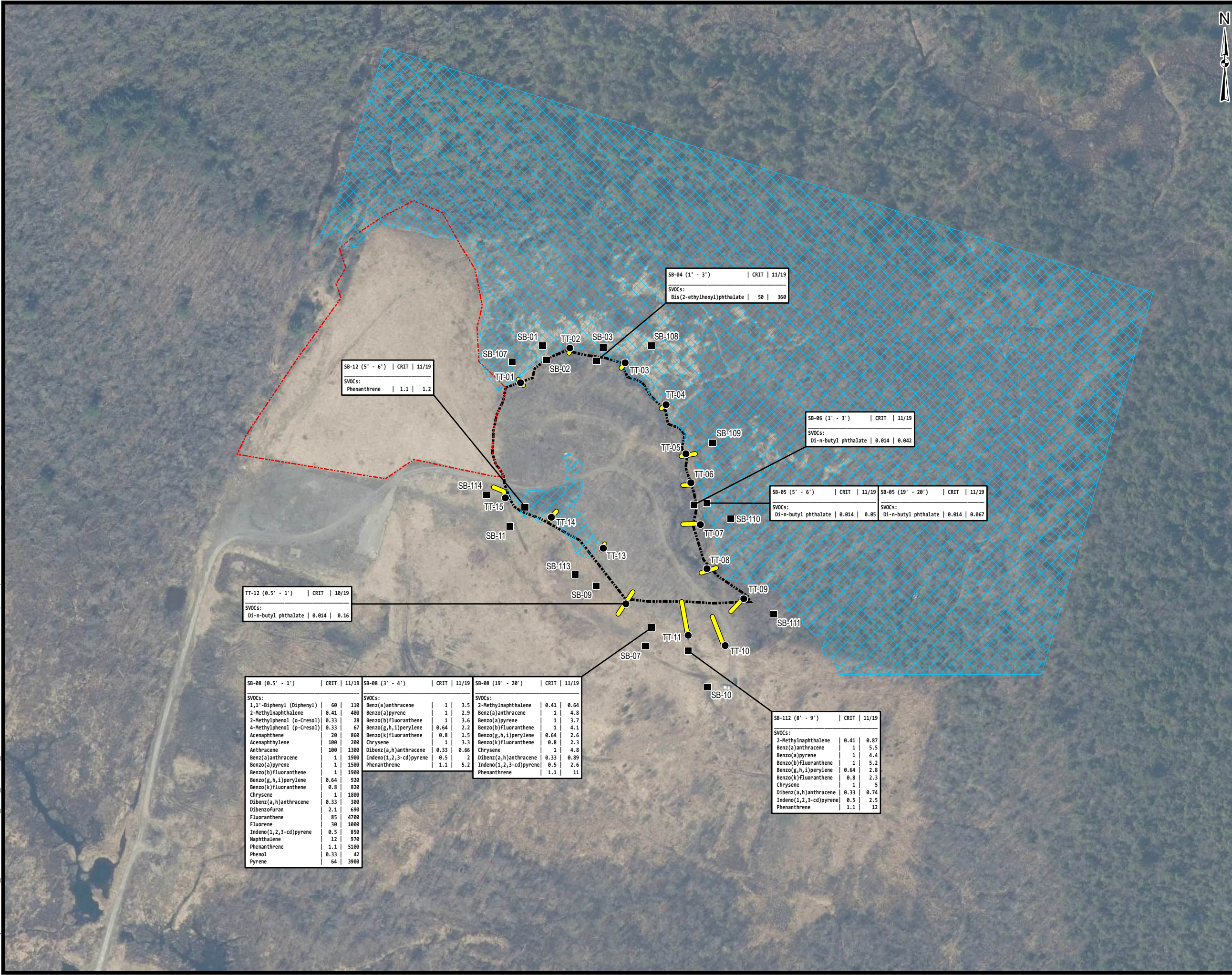
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SUBSURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(VOCs)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-20 SUBSS UP PG (VOC)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-20

L:\DCS\Projects\60608155_DECORTINO1900_CAD_GIS\920_GISMAPS\SRIR\5-21 SUBSS UP UNRES (SVOC).mxd 2/13/2026



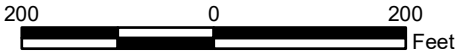
- Legend
- Soil Boring
- Test Trench Sample Location
- Test Trench Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-08 (3' - 4') CRIT 11/19			
SVOCs:			
Chrysene	1	3.3	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



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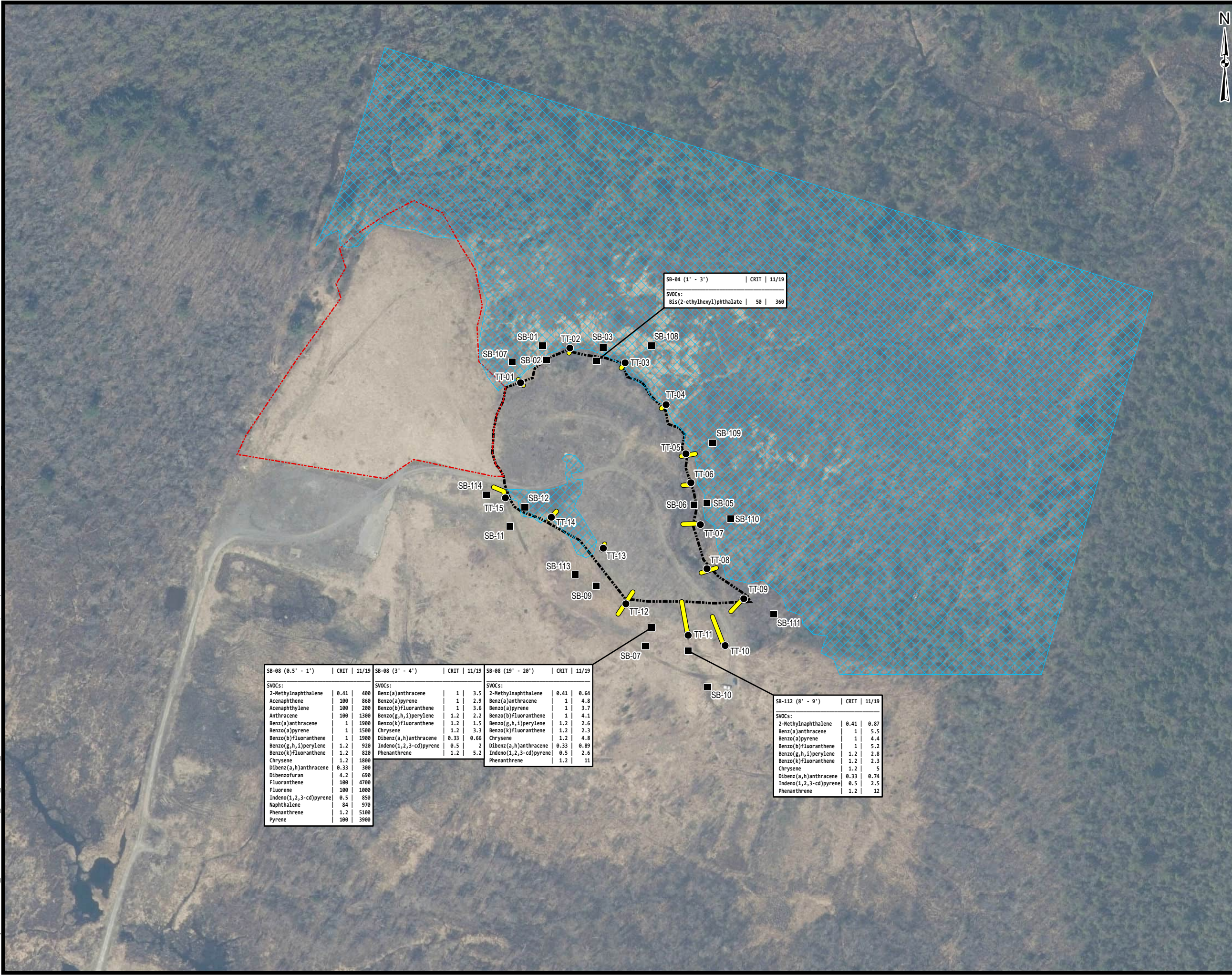
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SUBSURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(SVOCs)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-21 SUBSS UP UNRES (SVOC)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-21

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SR\6-22 SUBSS UP RES (SVOC).mxd 2/13/2026



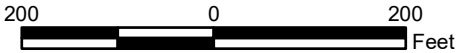
- Legend**
- Soil Boring
 - Test Trench Sample Location
 - Test Trench Location
 - - - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - - - Limits of Site (ASR Waste)
 - ▨ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-08 (3' - 4')	CRIT	11/19	
SVOCs:			
Chrysene	1.2	3.3	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

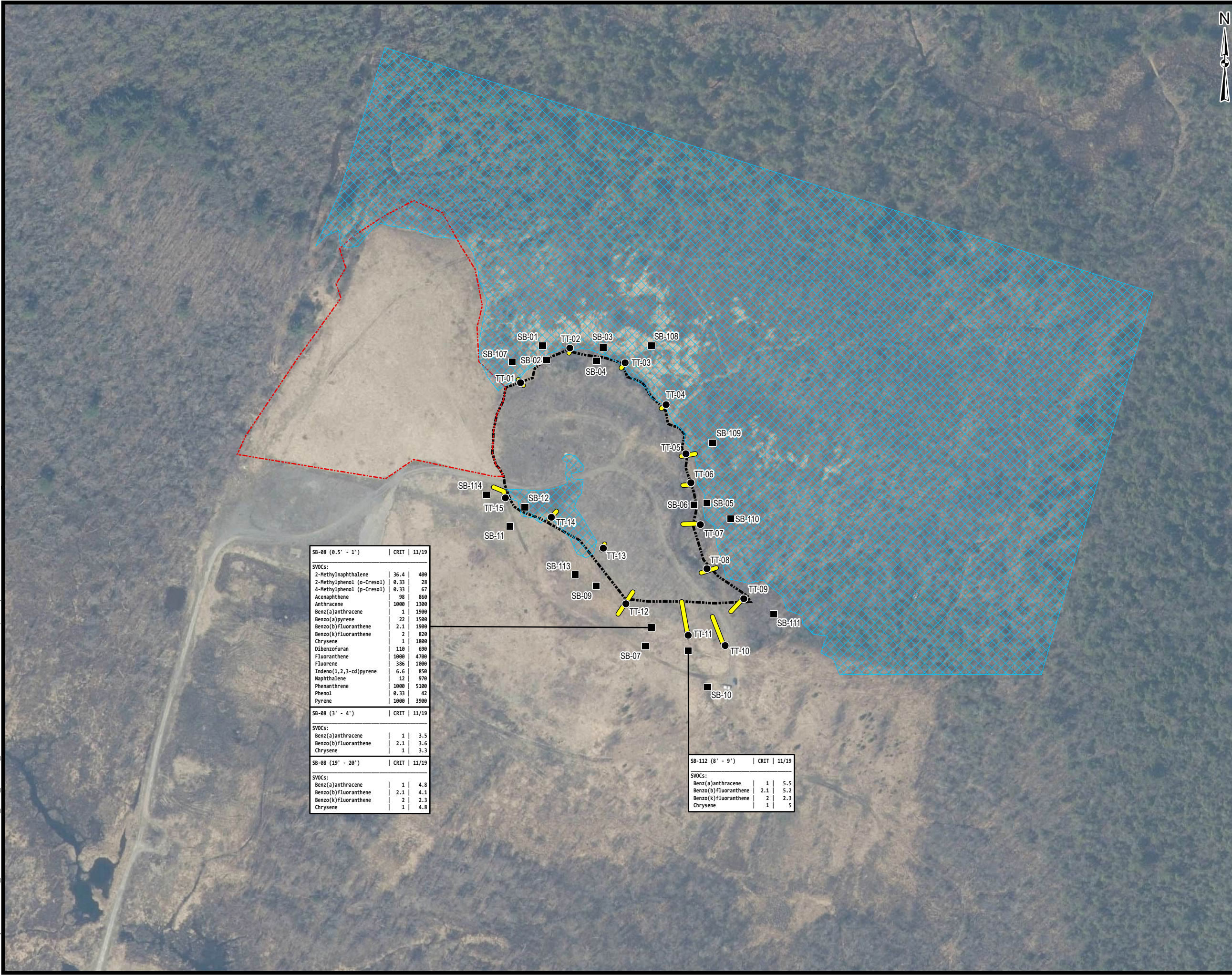
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SUBSURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(SVOCs)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-22 SUBSS UP RES (SVOC)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-22

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-23 SUBSS UP PG (SVOC).mxd 2/23/2026



- Legend
- Soil Boring
- Test Trench Sample Location
- Test Trench Location
- Approximate Extent of Town of Monroe
Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-08 (3' - 4')	CRIT	11/19	
SVOCs:			
Chrysene	1	3.3	
Parameter		Concentration	

SB-08 (0.5' - 1')		CRIT	11/19
SVOCs:			
2-Methylnaphthalene	36.4	400	
2-Methylphenol (o-Cresol)	0.33	28	
4-Methylphenol (p-Cresol)	0.33	67	
Acenaphthene	98	860	
Anthracene	1000	1300	
Benz(a)anthracene	1	1900	
Benzo(a)pyrene	22	1500	
Benzo(b)fluoranthene	2.1	1900	
Benzo(k)fluoranthene	2	820	
Chrysene	1	1800	
Dibenzofuran	110	690	
Fluoranthene	1000	4700	
Fluorene	386	1000	
Indeno(1,2,3-cd)pyrene	6.6	850	
Naphthalene	12	970	
Phenanthrene	1000	5100	
Phenol	0.33	42	
Pyrene	1000	3900	

SB-08 (3' - 4')		CRIT	11/19
SVOCs:			
Benz(a)anthracene	1	3.5	
Benzo(b)fluoranthene	2.1	3.6	
Chrysene	1	3.3	

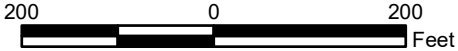
SB-08 (19' - 20')		CRIT	11/19
SVOCs:			
Benz(a)anthracene	1	4.8	
Benzo(b)fluoranthene	2.1	4.1	
Benzo(k)fluoranthene	2	2.3	
Chrysene	1	4.8	

SB-112 (8' - 9')		CRIT	11/19
SVOCs:			
Benz(a)anthracene	1	5.5	
Benzo(b)fluoranthene	2.1	5.2	
Benzo(k)fluoranthene	2	2.3	
Chrysene	1	5	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SUBSURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(SVOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-23 SUBSS UP PG (SVOC)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-23

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-24 SUBSS UP UNRES (PCB).mxd 2/13/2026



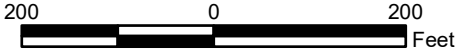
- Legend**
- Soil Boring
 - Test Trench Sample Location
 - Test Trench Location
 - - - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - - - Limits of Site (ASR Waste)
 - ▨ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-04 (1' - 3')		CRIT	11/19
PCBs:			
Total PCBs		0.1	15
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SUBSURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(PCBS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:	DRAWN:	PROJECT NO.:	DATE:	FIGURE NO.:
5-24 SUBSS UP UNRES (PCB)	ML	60629330	2/13/2026	5-24

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-25 SUBSS UP RES (PCB).mxd 2/13/2026



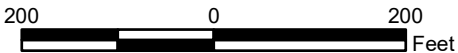
- Legend**
- Soil Boring
 - Test Trench Sample Location
 - Test Trench Location
 - - - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - - - Limits of Site (ASR Waste)
 - ▨ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-04 (1' - 3')		CRIT	11/19
PCBs:			
Total PCBs		1	15
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



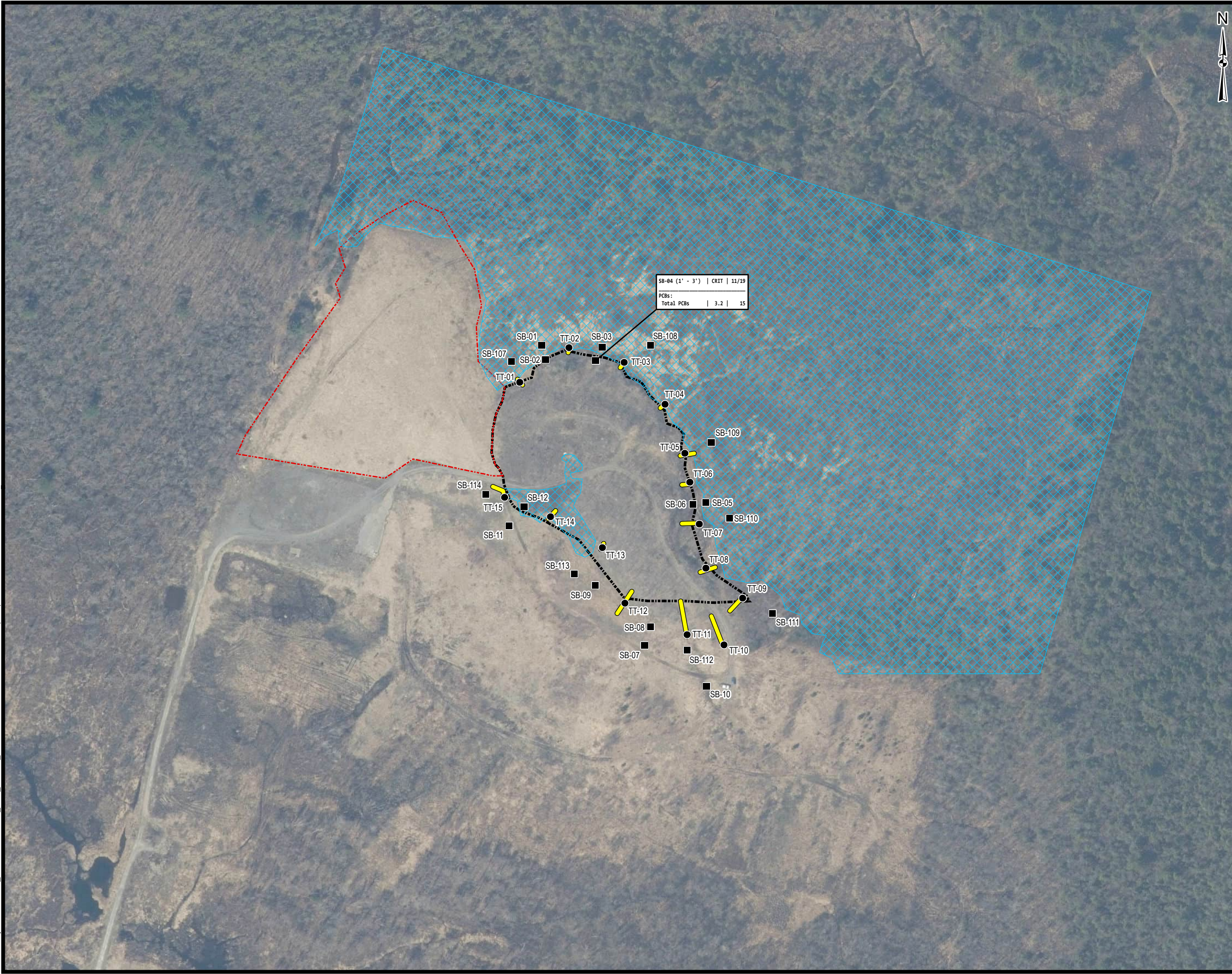
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SUBSURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PCBS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-25 SUBSS UP RES (PCB)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-25

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-26 SUBSS UP PG (PCB).mxd 2/23/2026



Soil Boring

Test Trench Sample Location

Test Trench Location

Approximate Extent of Town of Monroe Municipal Waste Landfill

Limits of Site (ASR Waste)

Delineated Wetland

Location ID

Depth (feet)

Criteria

Date

SB-04 (1' - 3')

CRIT

11/19

PCBs:

Total PCBs

3.2

15

Parameter

Concentration

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200

0

200

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORTINO TIRE LANDFILL SITE

SUBSURFACE SOIL

PROTECTION OF GROUNDWATER SCO

ANALYTICAL EXCEEDANCES

(PCBS)

PINNACLE ROAD SPUR

WEST MONROE, NEW YORK

FILE NAME:

5-26 SUBSS UP PG (PCB)

DRAWN:

ML

PROJECT NO.:

60629330

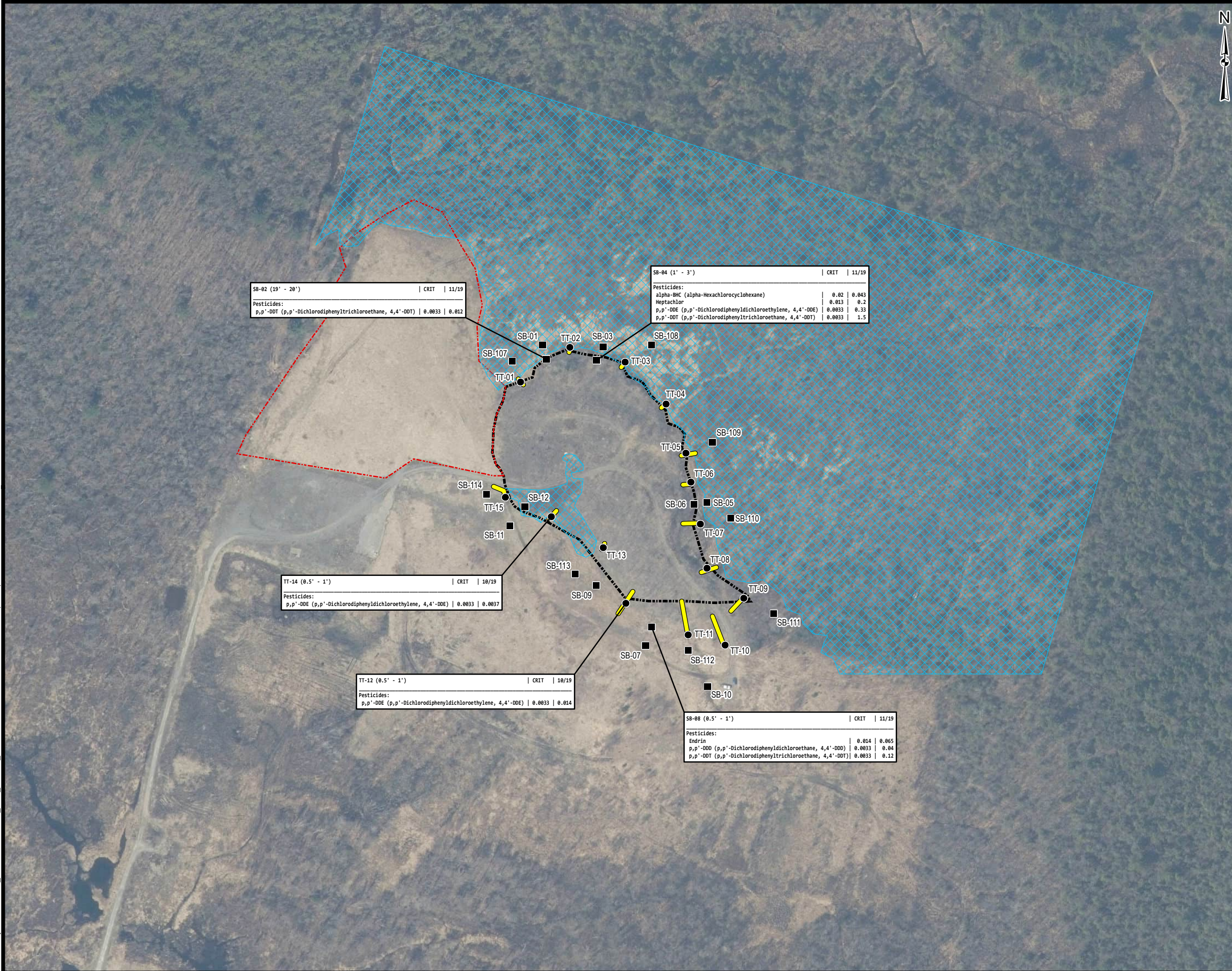
DATE:

2/23/2026

FIGURE NO.:

5-26

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-27 SUBSS UP UNRES (PEST).mxd 2/13/2026



Soil Boring

Test Trench Sample Location

Test Trench Location

Approximate Extent of Town of Monroe Municipal Waste Landfill

Limits of Site (ASR Waste)

Delineated Wetland

Location ID

Depth (feet)

Criteria

Date

SB-08 (0.5' - 1')

CRIT

11/19

Pesticides:

Endrin

Parameter

Concentration

NOTE:

Units are shown in mg/kg.

CRITERIA:

CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:

NYS ITS GIS Program Office, 2020

200

0

200

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORTINO TIRE LANDFILL SITE

SUBSURFACE SOIL

UNRESTRICTED USE SCO

ANALYTICAL EXCEEDANCES

(PESTICIDES)

PINNACLE ROAD SPUR

WEST MONROE, NEW YORK

FILE NAME:

DRAWN:

PROJECT NO.:

DATE:

FIGURE NO.:

5-27 SUBSS UP UNRES (PEST)

ML

60629330

2/13/2026

5-27

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-28 SUBSS UP RES (PEST).mxd 2/13/2026



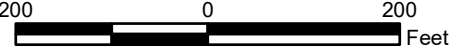
- Legend
- Soil Boring
- Test Trench Sample Location
- Test Trench Location
- Approximate Extent of Town of Monroe
Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-04 (1' - 3')			
CRIT			
11/19			
Pesticides:			
alpha-BHC			
0.042			
0.043			
Heptachlor			
0.12			
0.2			
p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)			
0.78			
1.5			

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SUBSURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PESTICIDES)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-28 SUBSS UP RES (PEST)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-28

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-29 SUBSS UP PG (PEST).mxd 2/23/2026



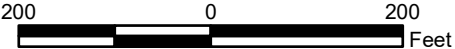
- Legend**
- Soil Boring
 - Test Trench Sample Location
 - Test Trench Location
 - - - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - - - Limits of Site (ASR Waste)
 - ▨ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-08 (0.5' - 1')		CRIT	11/19
Pesticides:			
Endrin		0.06	0.065
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

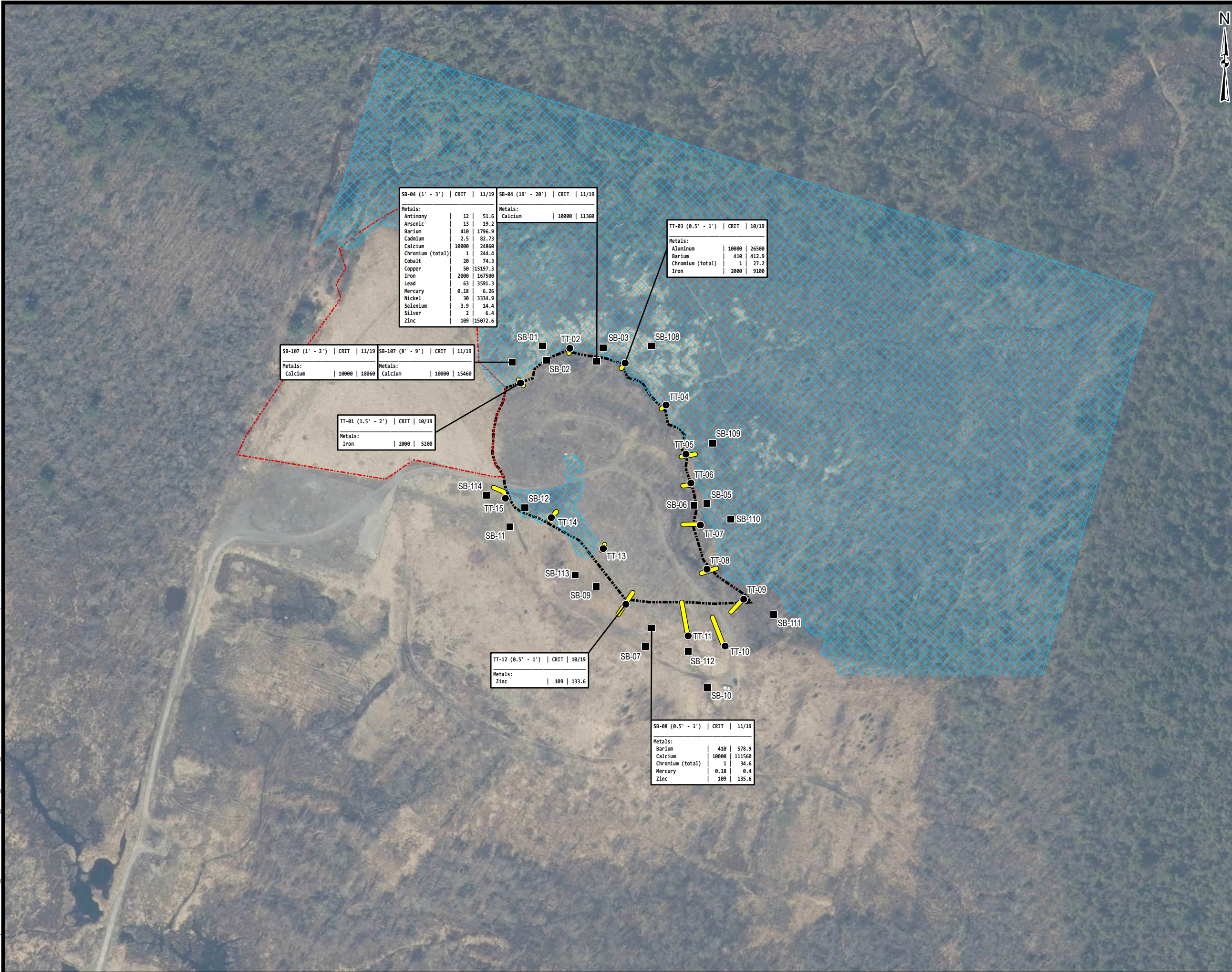
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SUBSURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(PESTICIDES)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-29 SUBSS UP PG (PEST)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-29

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-30 SUBSS UP UNRES (MET)\ADJ.mxd 2/23/2026



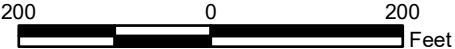
- Legend**
- Soil Boring
 - Test Trench Sample Location
 - Test Trench Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
 - Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-04 (1' - 3') CRIT 11/19			
Metals:			
Arsenic	13	19.2	
Parameter		Concentration	

NOTES:
1. Units are shown in mg/kg.
2. Metals data is adjusted per background data.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

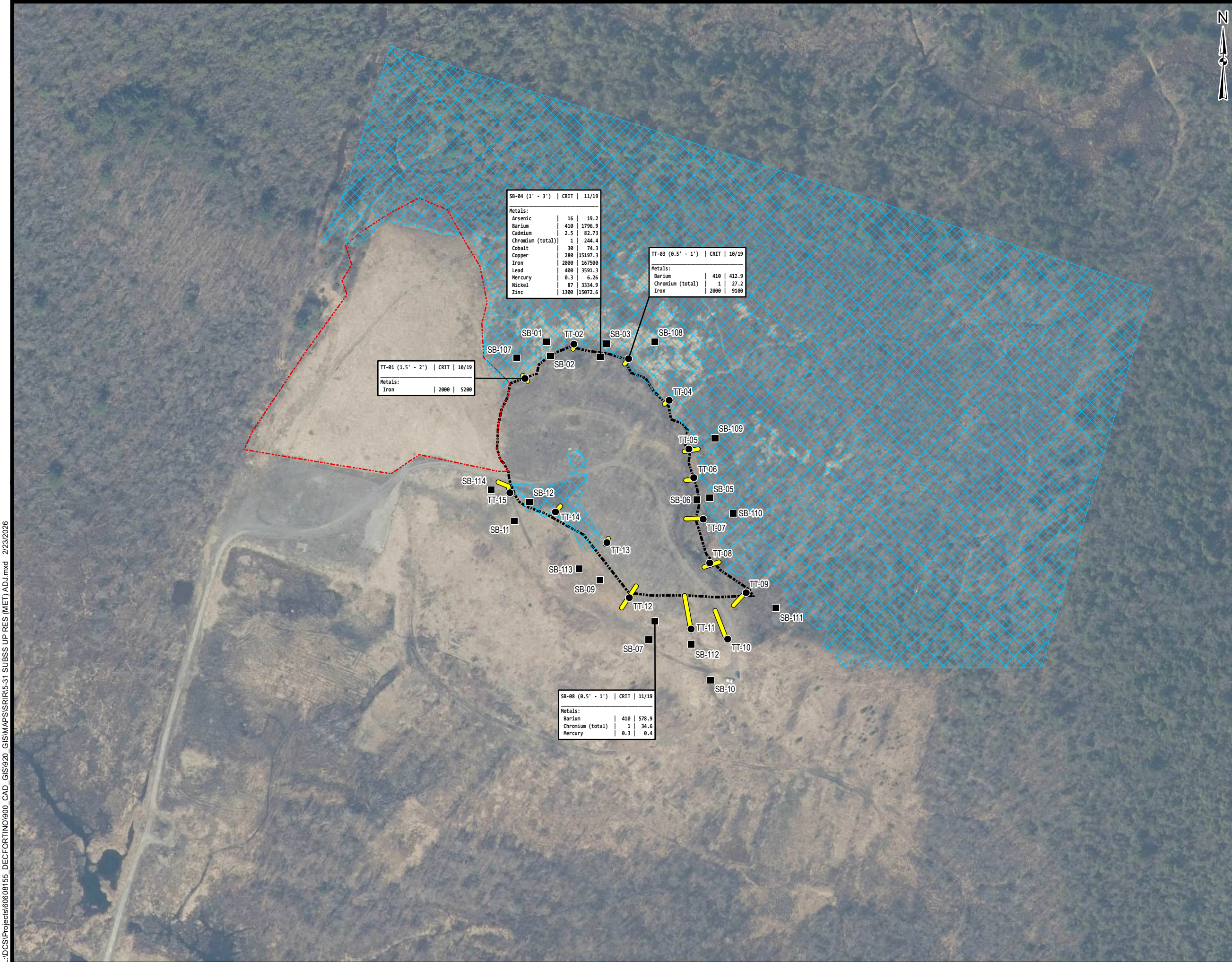
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SUBSURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(METALS ADJUSTED)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-30 SUBSS UP UNRES (MET)ADJ	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-30

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SR\6-31 SUBSS UP RES (MET) ADJ.mxd 2/23/2026



Legend

- Soil Boring
- Test Trench Sample Location
- Test Trench Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-04 (1' - 3') CRIT 11/19			
Metals:			
Arsenic	16	19.2	
Barium	410	1796.9	
Cadmium	2.5	82.73	
Chromium (total)	1	244.4	
Cobalt	30	74.3	
Copper	280	15197.3	
Iron	2000	167500	
Lead	400	3591.3	
Mercury	0.3	0.26	
Nickel	87	3334.9	
Zinc	1300	15072.6	

Location ID	Depth (feet)	Criteria	Date
TT-04 (0.5' - 1') CRIT 10/19			
Metals:			
Barium	410	412.9	
Chromium (total)	1	27.2	
Iron	2000	9100	

Location ID	Depth (feet)	Criteria	Date
TT-01 (1.5' - 2') CRIT 10/19			
Metals:			
Iron	2000	5200	

Location ID	Depth (feet)	Criteria	Date
SB-08 (0.5' - 1') CRIT 11/19			
Metals:			
Barium	410	578.9	
Chromium (total)	1	34.6	
Mercury	0.3	0.4	

NOTES:

1. Units are shown in mg/kg.

2. Metals data is adjusted per background data.

CRITERIA:

CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:

NYS ITS GIS Program Office, 2020

200

0

200

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SUBSURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(METALS ADJUSTED)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-31 SUBSS UP RES (MET) ADJ	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-31

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-33 SUBSS UP UNRES (PFAS).mxd 2/13/2026



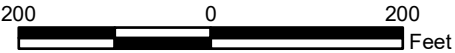
- Legend**
- Soil Boring
 - Test Trench Sample Location
 - Test Trench Location
 - - - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - - - Limits of Site (ASR Waste)
 - ▨ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-06 (1' - 3') CRIT 11/19			
PFAS:			
PFOS	0.88	5.5	
Parameter		Concentration	

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



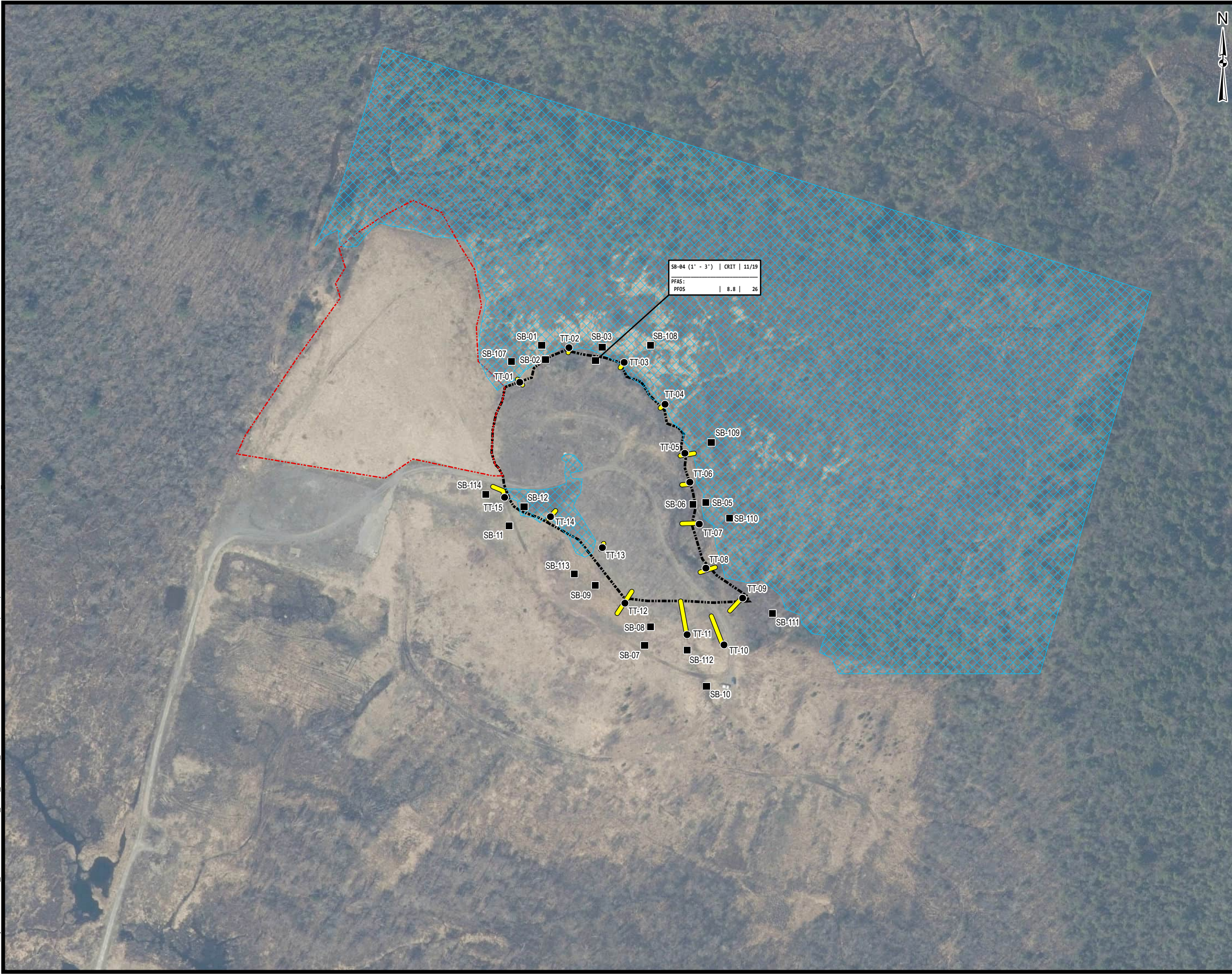
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SUBSURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-33 SUBSS UP UNRES (PFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-33

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-34 SUBSS UP RES (PFAS).mxd 2/13/2026



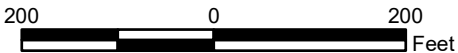
- Legend**
- Soil Boring
 - Test Trench Sample Location
 - Test Trench Location
 - - - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - - - Limits of Site (ASR Waste)
 - ▨ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SB-04 (1' - 3')		CRIT	11/19
PFAS:			
PFOS		8.8	26
Parameter		Concentration	

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



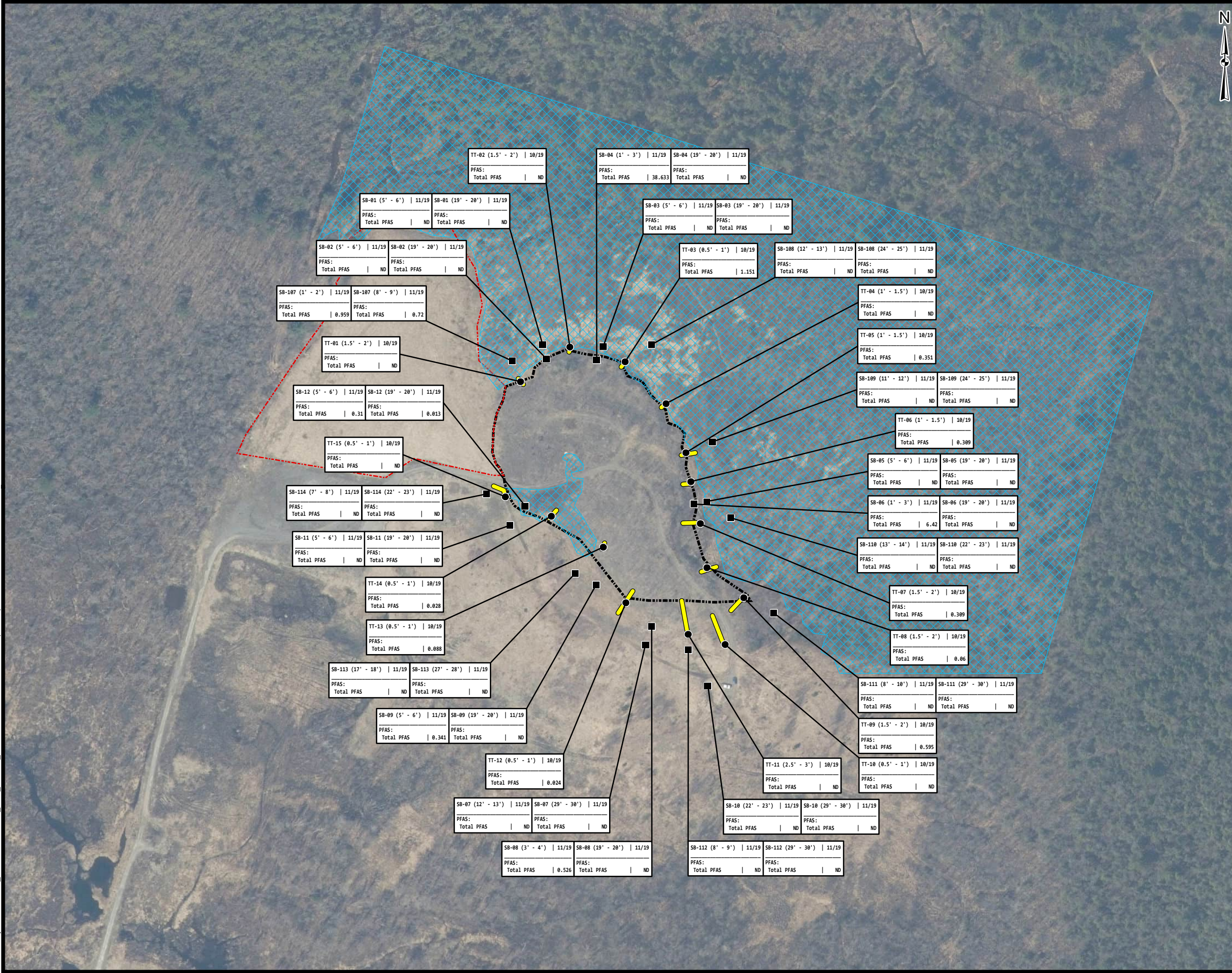
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SUBSURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PFAS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-34 SUBSS UP RES (PFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-34

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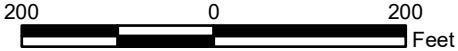


- Legend
- Soil Boring
- Test Trench Sample Location
- Test Trench Location
- Approximate Extent of Town of Monroe
Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Date
SB-01 (5' - 6')	11/19	
PFAS:		
Total PFAS		ND
Parameter		Concentration

NOTE:
Units are shown in µg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SUBSURFACE SOIL
(TOTAL PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-36 SUBSS UP (TPFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-36

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-37A SS UP UNRES (VOC).mxd 2/23/2026



- Legend
- ▲

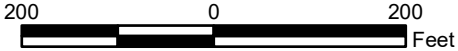
 Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-39 (0' - 0.2')		CRIT	12/22
VOCs:			
Acetone		0.03	0.32
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(VOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
5-37A SS UP UNRES (VOC)

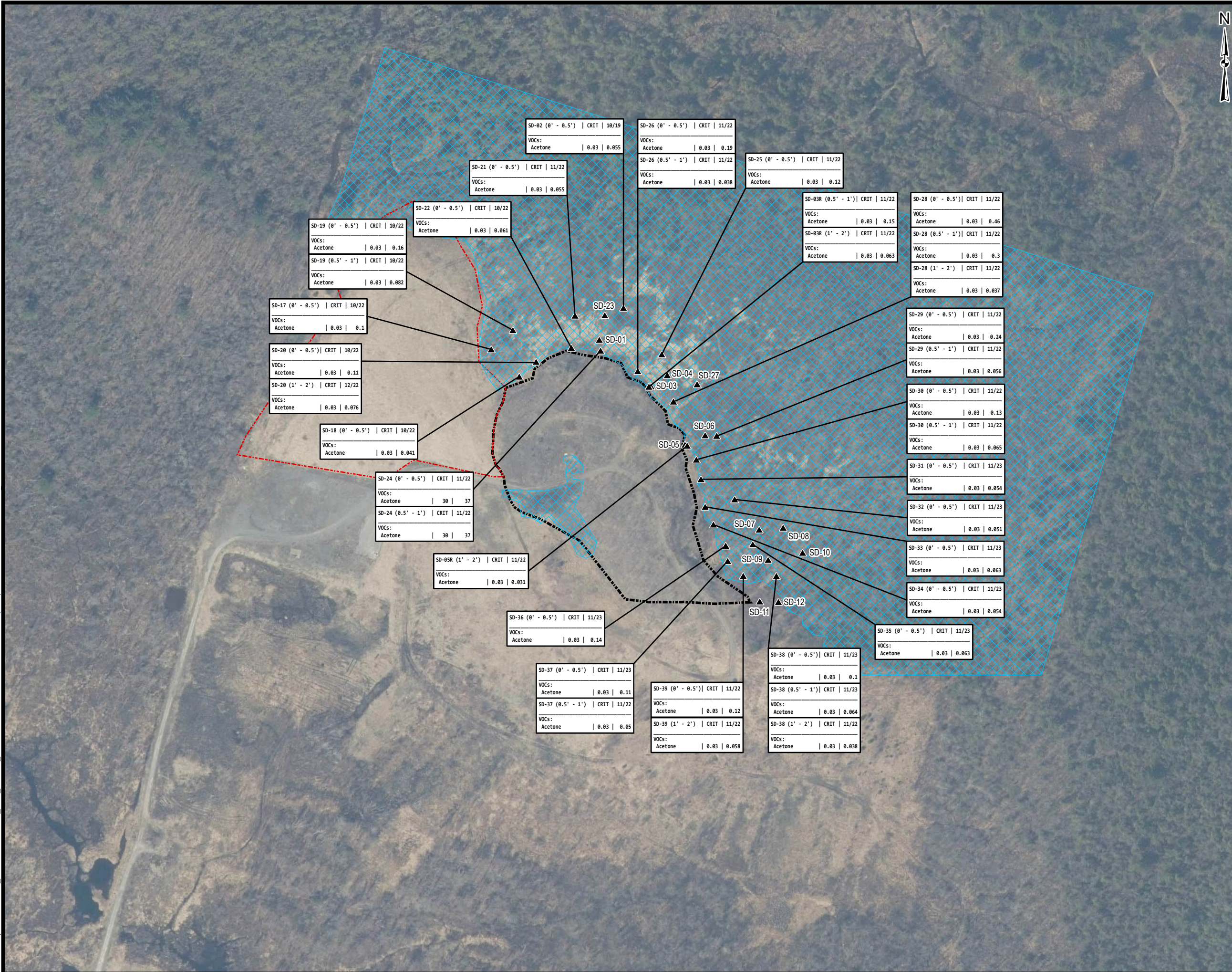
DRAWN:
ML

PROJECT NO.:
60629330

DATE:
2/23/2026

FIGURE NO.:
5-37A

L:\DCS\Projects\60608155_DECFORTINO\900_CAD_GIS\920_GISMAPS\SR\6-37B SS WET UNRES (VOC).mxd 2/23/2026



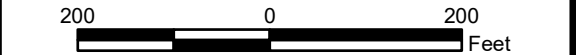
- Legend**
- ▲ Surface Soil Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
 - Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-26 (0' - 0.5')		CRIT	11/22
VOCs:			
Acetone		0.03	0.19
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

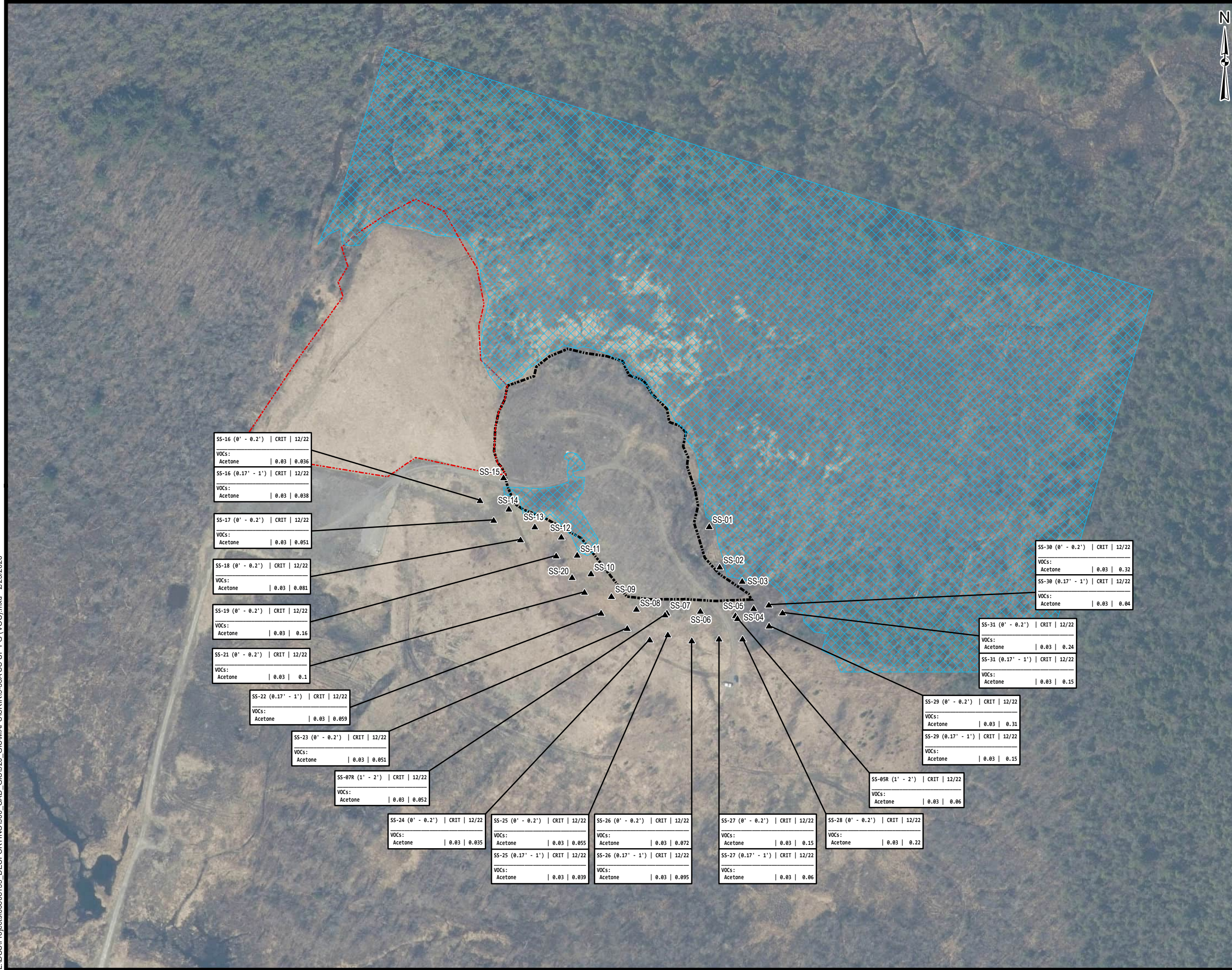
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**WETLAND SURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(VOCs)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-37B SS WET UNRES (VOC)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-37B

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Legend

- ▲ Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-30 (0' - 0.2')		CRIT	12/22
VOCs:			
Acetone		0.03	0.32
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200 0 200 Feet

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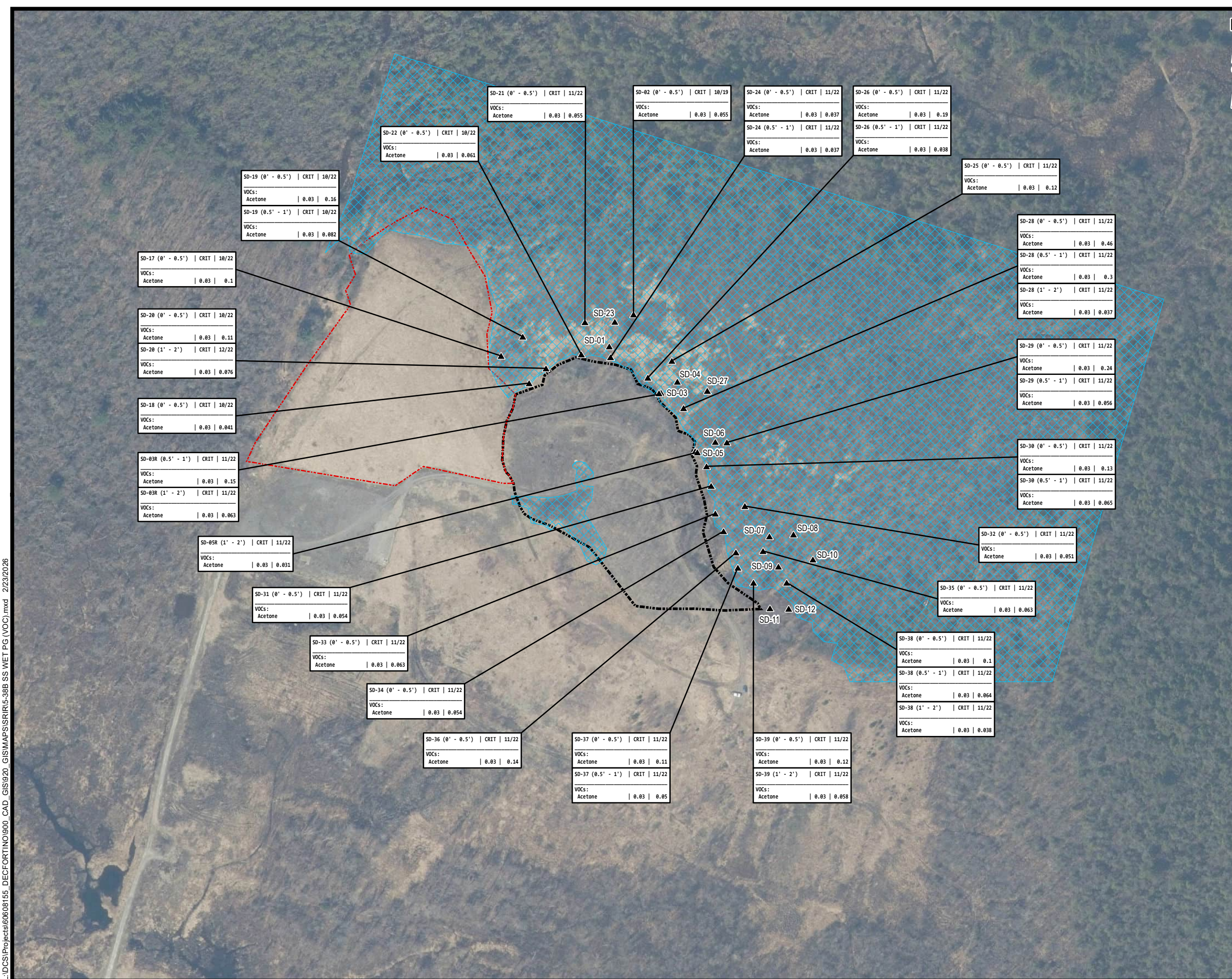
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL PROTECTION OF GROUNDWATER SCO ANALYTICAL EXCEEDANCES (VOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-38A SS UP PG (VOC)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-38A

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- Legend**
- ▲ Surface Soil Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
 - Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-02 (0' - 0.5')		CRIT	10/19
VOCs:			
Acetone		0.03	0.055
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200 0 200
Feet

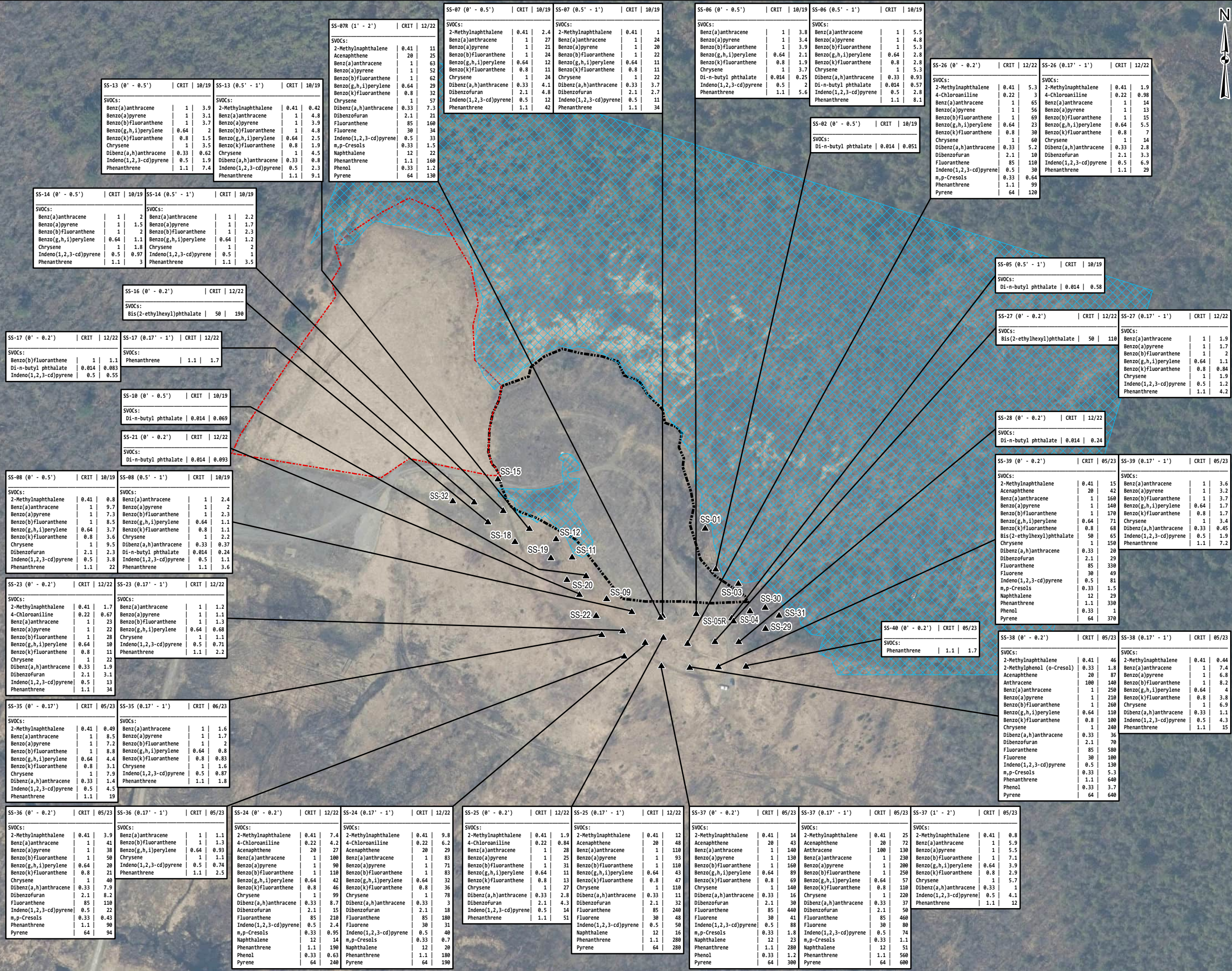
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(VOCs)

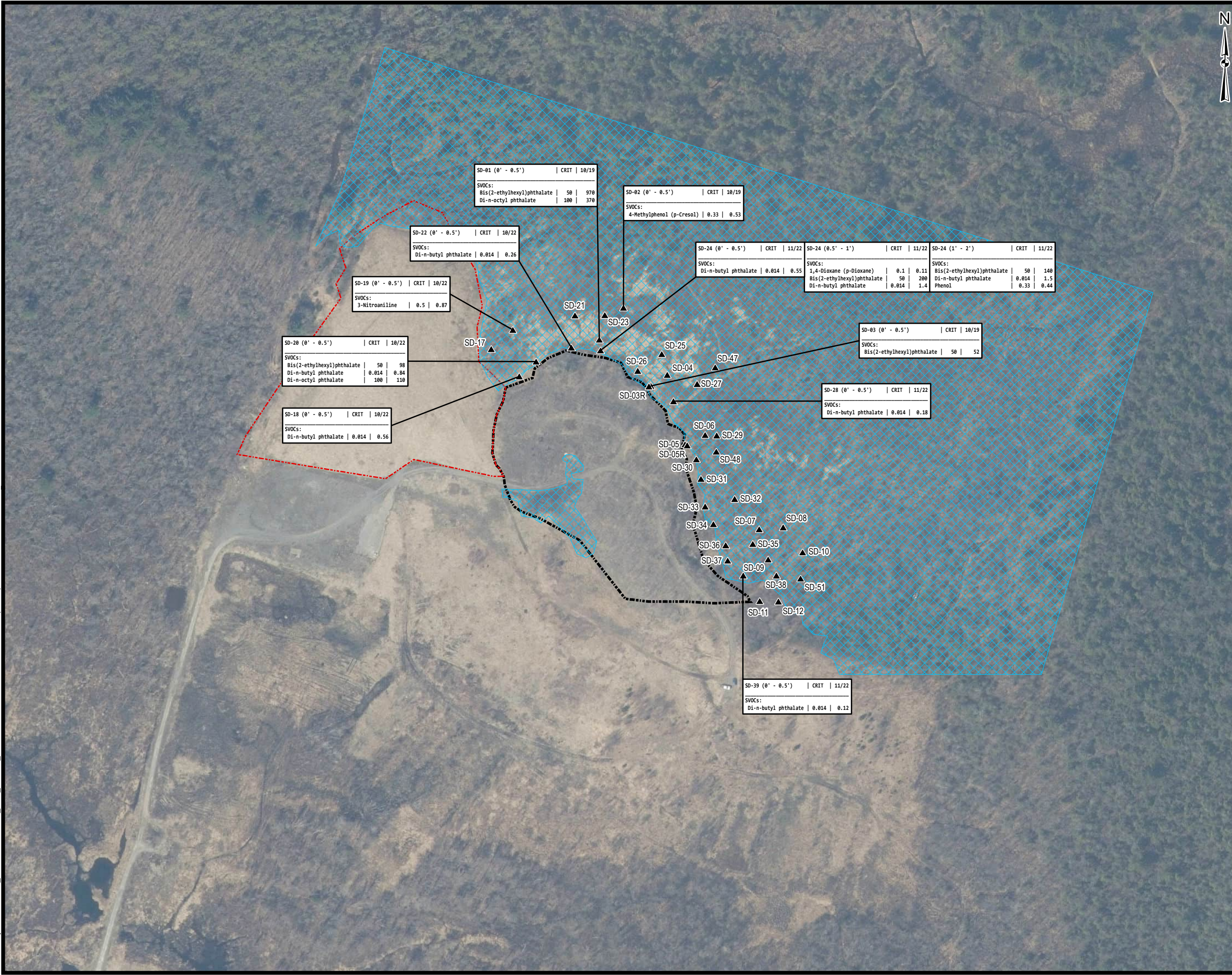
PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-38B SS WET PG (VOC)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-38B

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- Legend
- ▲

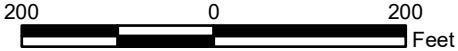
 Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-19 (0' - 0.5') CRIT 10/22			
SVOCs:			
3-Nitroaniline 0.5 0.87			
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(SVOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
5-39B SS WET UNRES (SVOC)

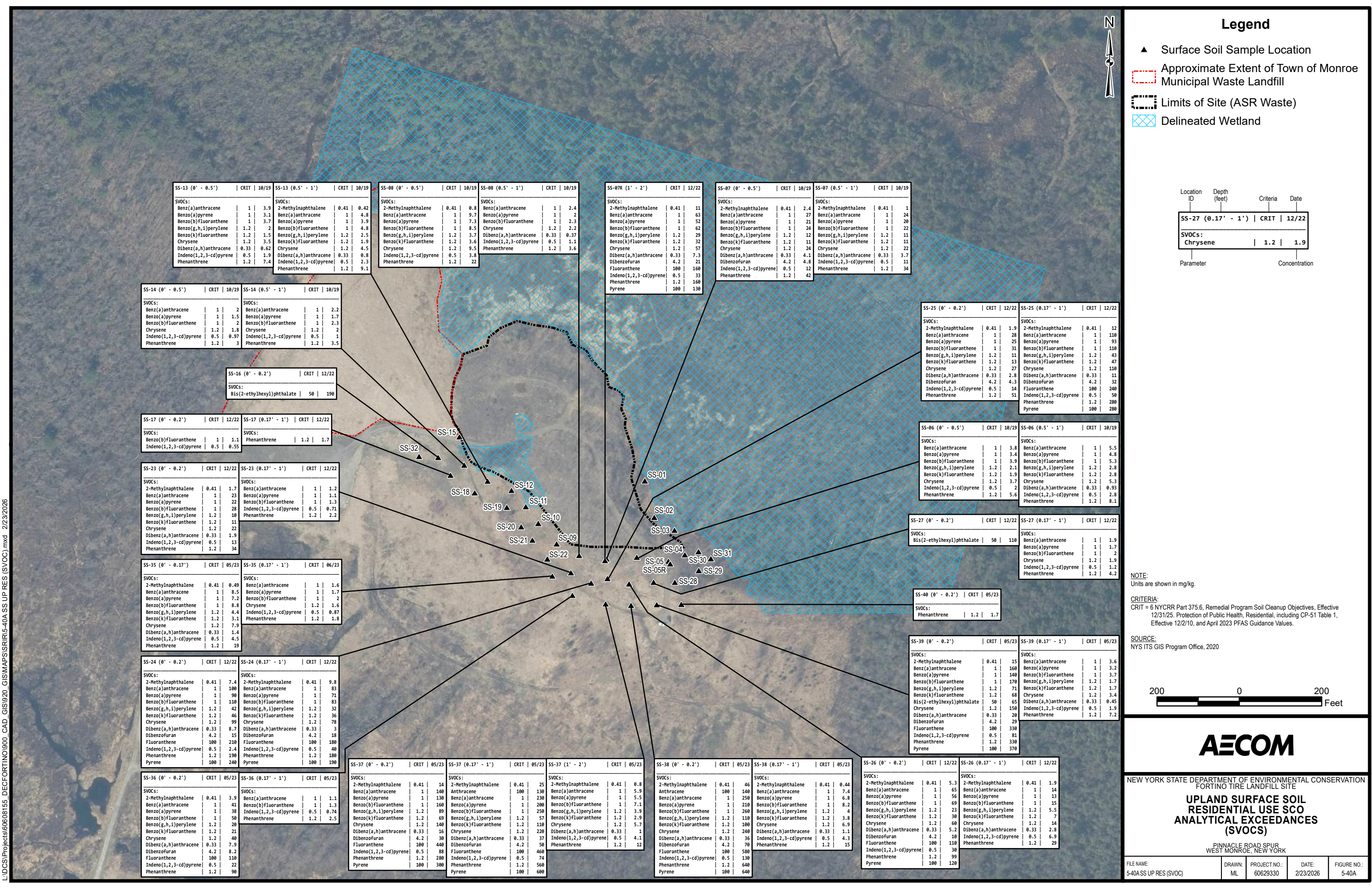
DRAWN:
ML

PROJECT NO.:
60629330

DATE:
2/23/2026

FIGURE NO.:
5-39B

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SS-13 (0' - 0.5')	CRIT	10/19	SS-13 (0.5' - 1')	CRIT	10/19
SVOCs:			SVOCs:		
Benz(a)anthracene	1	3.9	2-Methylnaphthalene	0.41	0.42
Benz(a)pyrene	1	3.1	Benz(a)anthracene	1	4.8
Benzo(b)fluoranthene	1	3.7	Benz(a)pyrene	1	3.9
Benzo(g,h,i)perylene	1.2	2	Benzo(b)fluoranthene	1	4.8
Chrysene	1.2	1.5	Benzo(k)fluoranthene	1.2	2.5
Dibenz(a,h)anthracene	0.33	3.5	Chrysene	1.2	1.9
Indeno(1,2,3-cd)pyrene	0.5	1.9	Dibenz(a,h)anthracene	0.33	0.8
Phenanthrene	1.2	7.4	Indeno(1,2,3-cd)pyrene	0.5	2.3
			Phenanthrene	1.2	9.1

SS-14 (0' - 0.5')	CRIT	10/19	SS-14 (0.5' - 1')	CRIT	10/19
SVOCs:			SVOCs:		
Benz(a)anthracene	1	2	Benz(a)anthracene	1	2.2
Benz(a)pyrene	1	1.5	Benz(a)pyrene	1	1.7
Benzo(b)fluoranthene	1	2	Benzo(b)fluoranthene	1	2.3
Chrysene	1.2	1.8	Chrysene	1.2	2
Indeno(1,2,3-cd)pyrene	0.5	0.97	Indeno(1,2,3-cd)pyrene	0.5	1
Phenanthrene	1.2	3	Phenanthrene	1.2	3.5

SS-16 (0' - 0.2')	CRIT	12/22
SVOCs:		
Bis(2-ethylhexyl)phthalate	50	190

SS-17 (0' - 0.2')	CRIT	12/22	SS-17 (0.17' - 1')	CRIT	12/22
SVOCs:			SVOCs:		
Benz(b)fluoranthene	1	1.1	Phenanthrene	1.2	1.7
Indeno(1,2,3-cd)pyrene	0.5	0.55			

SS-23 (0' - 0.2')	CRIT	12/22	SS-23 (0.17' - 1')	CRIT	12/22
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	1.7	Benz(a)anthracene	1	1.2
Benz(a)anthracene	1	23	Benz(a)pyrene	1	1.1
Benz(a)pyrene	1	22	Benzo(b)fluoranthene	1	1.3
Benzo(b)fluoranthene	1	28	Indeno(1,2,3-cd)pyrene	0.5	0.71
Benzo(g,h,i)perylene	1.2	10	Phenanthrene	1.2	2.2
Benzo(k)fluoranthene	1.2	11			
Chrysene	1.2	22			
Dibenz(a,h)anthracene	0.33	1.9			
Indeno(1,2,3-cd)pyrene	0.5	13			
Phenanthrene	1.2	34			

SS-35 (0' - 0.17')	CRIT	05/23	SS-35 (0.17' - 1')	CRIT	06/23
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	0.49	Benz(a)anthracene	1	1.6
Benz(a)anthracene	1	8.5	Benz(a)pyrene	1	1.7
Benz(a)pyrene	1	7.2	Benzo(b)fluoranthene	1	2
Benzo(b)fluoranthene	1	8.8	Chrysene	1.2	1.6
Benzo(g,h,i)perylene	1.2	4.4	Indeno(1,2,3-cd)pyrene	0.5	0.87
Benzo(k)fluoranthene	1.2	3.1	Phenanthrene	1.2	1.8
Chrysene	1.2	7.9			
Dibenz(a,h)anthracene	0.33	1.4			
Indeno(1,2,3-cd)pyrene	0.5	4.5			
Phenanthrene	1.2	19			

SS-24 (0' - 0.2')	CRIT	12/22	SS-24 (0.17' - 1')	CRIT	12/22
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	7.4	2-Methylnaphthalene	0.41	9.8
Benz(a)anthracene	1	100	Benz(a)anthracene	1	83
Benz(a)pyrene	1	90	Benz(a)pyrene	1	71
Benzo(b)fluoranthene	1	110	Benzo(b)fluoranthene	1	83
Benzo(g,h,i)perylene	1.2	42	Benzo(g,h,i)perylene	1.2	32
Benzo(k)fluoranthene	1.2	46	Benzo(k)fluoranthene	1.2	36
Chrysene	1.2	99	Chrysene	1.2	78
Dibenz(a,h)anthracene	0.33	8.7	Dibenz(a,h)anthracene	0.33	3
Dibenzofuran	4.2	15	Dibenzofuran	4.2	18
Fluoranthene	100	210	Fluoranthene	100	100
Indeno(1,2,3-cd)pyrene	0.5	2.4	Indeno(1,2,3-cd)pyrene	0.5	40
Phenanthrene	1.2	190	Phenanthrene	1.2	180
Pyrene	100	240	Pyrene	100	190

SS-36 (0' - 0.2')	CRIT	05/23	SS-36 (0.17' - 1')	CRIT	05/23
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	3.9	Benz(a)anthracene	1	1.1
Benz(a)anthracene	1	41	Benz(b)fluoranthene	1	1.3
Benz(a)pyrene	1	38	Indeno(1,2,3-cd)pyrene	0.5	0.74
Benzo(b)fluoranthene	1	59	Phenanthrene	1.2	2.5
Benzo(g,h,i)perylene	1.2	20			
Benzo(k)fluoranthene	1.2	21			
Chrysene	1.2	40			
Dibenz(a,h)anthracene	0.33	7.9			
Dibenzofuran	4.2	8.2			
Fluoranthene	100	110			
Indeno(1,2,3-cd)pyrene	0.5	22			
Phenanthrene	1.2	90			

SS-37 (0' - 0.2')	CRIT	05/23	SS-37 (0.17' - 1')	CRIT	05/23
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	14	2-Methylnaphthalene	0.41	25
Anthracene	1	140	Anthracene	100	130
Benz(a)anthracene	1	130	Benz(a)anthracene	1	230
Benz(a)pyrene	1	160	Benz(a)pyrene	1	200
Benzo(b)fluoranthene	1.2	89	Benzo(b)fluoranthene	1	250
Benzo(k)fluoranthene	1.2	69	Benzo(g,h,i)perylene	1.2	57
Chrysene	1.2	140	Benzo(k)fluoranthene	1.2	110
Dibenz(a,h)anthracene	0.33	16	Chrysene	1.2	220
Dibenzofuran	4.2	30	Dibenz(a,h)anthracene	0.33	37
Fluoranthene	100	440	Dibenzofuran	4.2	50
Indeno(1,2,3-cd)pyrene	0.5	88	Fluoranthene	100	460
Phenanthrene	1.2	200	Indeno(1,2,3-cd)pyrene	0.5	74
Pyrene	100	300	Phenanthrene	1.2	560
			Pyrene	100	600

SS-37 (1' - 2')	CRIT	05/23	SS-37 (1' - 2')	CRIT	05/23
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	0.8	2-Methylnaphthalene	0.41	0.8
Benz(a)anthracene	1	5.9	Benz(a)anthracene	1	7.4
Benz(a)pyrene	1	5.5	Benz(a)pyrene	1	6.8
Benzo(b)fluoranthene	1	7.1	Benz(b)fluoranthene	1	8.2
Benzo(g,h,i)perylene	1.2	3.9	Benzo(g,h,i)perylene	1.2	4
Benzo(k)fluoranthene	1.2	2.9	Benzo(k)fluoranthene	1.2	3.8
Chrysene	1.2	5.7	Chrysene	1.2	6.9
Dibenz(a,h)anthracene	0.33	1	Dibenz(a,h)anthracene	0.33	1.1
Indeno(1,2,3-cd)pyrene	0.5	4.1	Indeno(1,2,3-cd)pyrene	0.5	4.3
Phenanthrene	1.2	12	Phenanthrene	1.2	15

SS-38 (0' - 0.2')	CRIT	05/23	SS-38 (0.17' - 1')	CRIT	05/23
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	46	2-Methylnaphthalene	0.41	44
Anthracene	100	140	Benz(a)anthracene	1	7.4
Benz(a)anthracene	1	250	Benz(a)pyrene	1	6.8
Benz(a)pyrene	1	210	Benz(b)fluoranthene	1	8.2
Benzo(b)fluoranthene	1	260	Benzo(g,h,i)perylene	1.2	4
Benzo(g,h,i)perylene	1.2	110	Benzo(k)fluoranthene	1.2	3.8
Benzo(k)fluoranthene	1.2	100	Chrysene	1.2	6.9
Chrysene	1.2	240	Dibenz(a,h)anthracene	0.33	1.1
Dibenz(a,h)anthracene	0.33	36	Indeno(1,2,3-cd)pyrene	0.5	4.3
Dibenzofuran	4.2	70	Phenanthrene	1.2	15
Fluoranthene	100	580			
Indeno(1,2,3-cd)pyrene	0.5	130			
Phenanthrene	1.2	640			
Pyrene	100	640			

SS-38 (0.17' - 1')	CRIT	05/23	SS-38 (0.17' - 1')	CRIT	05/23
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	15	2-Methylnaphthalene	0.41	15
Benz(a)anthracene	1	160	Benz(a)anthracene	1	14
Benz(a)pyrene	1	140	Benz(a)pyrene	1	13
Benzo(b)fluoranthene	1	170	Benz(b)fluoranthene	1	15
Benzo(g,h,i)perylene	1.2	71	Benzo(g,h,i)perylene	1.2	5.5
Benzo(k)fluoranthene	1.2	68	Benzo(k)fluoranthene	1.2	7
Chrysene	1.2	150	Chrysene	1.2	14
Dibenz(a,h)anthracene	0.33	20	Dibenz(a,h)anthracene	0.33	2.8
Dibenzofuran	4.2	29	Indeno(1,2,3-cd)pyrene	0.5	6.9
Fluoranthene	100	330	Phenanthrene	1.2	29
Indeno(1,2,3-cd)pyrene	0.5	81			
Phenanthrene	1.2	330			
Pyrene	100	370			

SS-26 (0' - 0.2')	CRIT	12/22	SS-26 (0.17' - 1')	CRIT	12/22
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	5.3	2-Methylnaphthalene	0.41	1.9
Benz(a)anthracene	1	65	Benz(a)anthracene	1	14
Benz(a)pyrene	1	55	Benz(a)pyrene	1	13
Benzo(b)fluoranthene	1	69	Benz(b)fluoranthene	1	15
Benzo(g,h,i)perylene	1.2	23	Benzo(g,h,i)perylene	1.2	5.5
Benzo(k)fluoranthene	1.2	30	Benzo(k)fluoranthene	1.2	7
Chrysene	1.2	60	Chrysene	1.2	14
Dibenz(a,h)anthracene	0.33	5.2	Dibenz(a,h)anthracene	0.33	2.8
Dibenzofuran	4.2	10	Indeno(1,2,3-cd)pyrene	0.5	6.9
Fluoranthene	100	110	Phenanthrene	1.2	29
Indeno(1,2,3-cd)pyrene	0.5	30			
Phenanthrene	1.2	99			
Pyrene	100	128			

SS-25 (0' - 0.2')	CRIT	12/22	SS-25 (0.17' - 1')	CRIT	12/22
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	1.9	2-Methylnaphthalene	0.41	12
Benz(a)anthracene	1	28	Benz(a)anthracene	1	110
Benz(a)pyrene	1	25	Benz(a)pyrene	1	93
Benzo(b)fluoranthene	1	31	Benz(b)fluoranthene	1	110
Benzo(g,h,i)perylene	1.2	11	Benzo(g,h,i)perylene	1.2	43
Benzo(k)fluoranthene	1.2	13	Benzo(k)fluoranthene	1.2	47
Chrysene	1.2	27	Chrysene	1.2	110
Dibenz(a,h)anthracene	0.33	2.8	Dibenz(a,h)anthracene	0.33	11
Dibenzofuran	4.2	4.3	Dibenzofuran	4.2	32
Indeno(1,2,3-cd)pyrene	0.5	14	Fluoranthene	100	240
Phenanthrene	1.2	51	Indeno(1,2,3-cd)pyrene	0.5	50
			Phenanthrene	1.2	280
			Pyrene	100	280

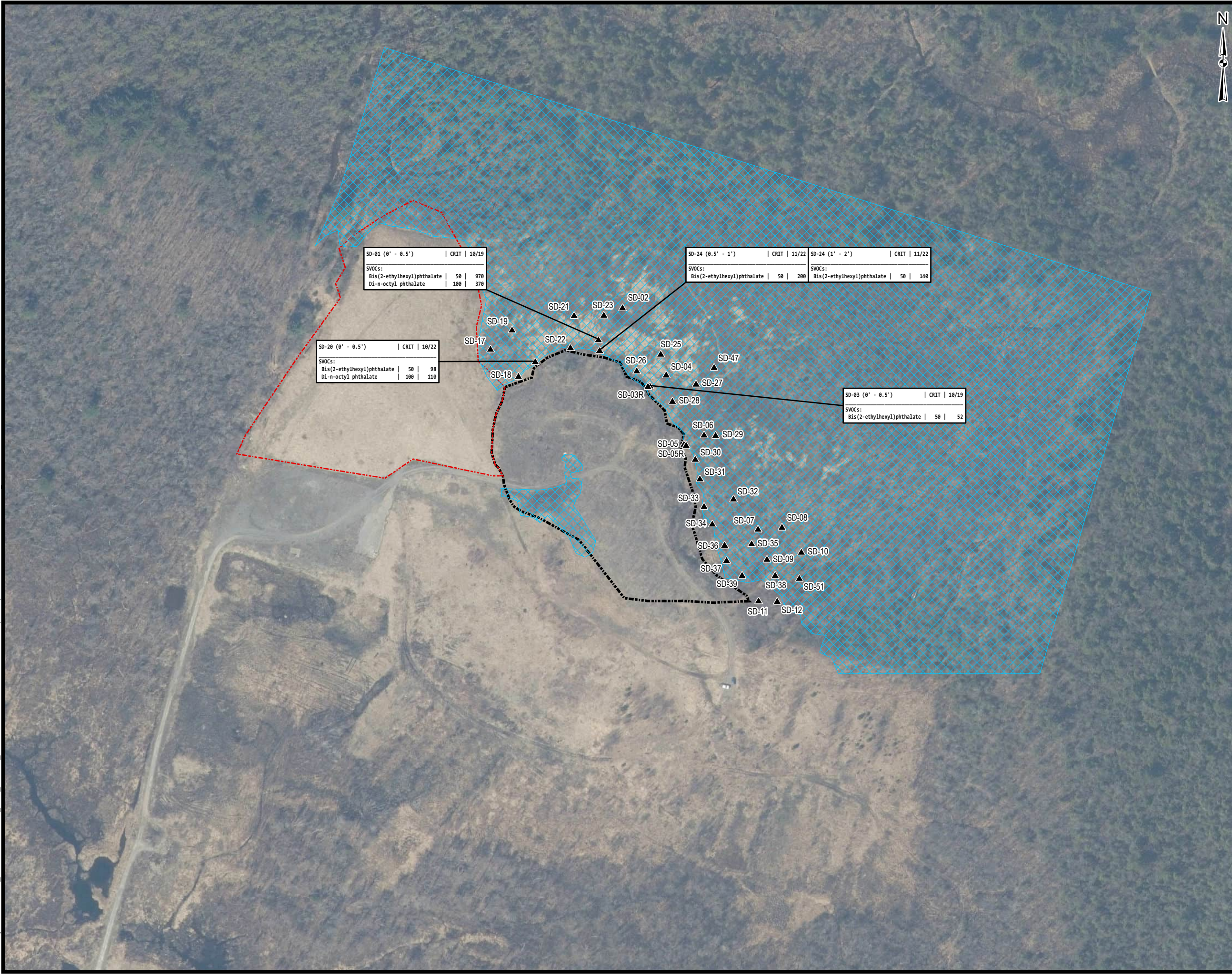
SS-06 (0' - 0.5')	CRIT	10/19	SS-06 (0.5' - 1')	CRIT	10/19
SVOCs:			SVOCs:		
Benz(a)anthracene	1	3.8	Benz(a)anthracene	1	5.5
Benz(a)pyrene	1	3.4	Benz(a)pyrene	1	4.8
Benzo(b)fluoranthene	1	3.9	Benz(b)fluoranthene	1	5.3
Benzo(g,h,i)perylene	1.2	2.1	Benzo(g,h,i)perylene	1.2	2.8
Benzo(k)fluoranthene	1.2	1.9	Benzo(k)fluoranthene	1.2	2.8
Chrysene	1.2	3.7	Chrysene	1.2	5.3
Indeno(1,2,3-cd)pyrene	0.5	2	Dibenz(a,h)anthracene	0.33	0.93
Phenanthrene	1.2	5.6	Indeno(1,2,3-cd)pyrene	0.5	2.8
			Phenanthrene	1.2	8.1

SS-27 (0' - 0.2')	CRIT	12/22	SS-27 (0.17' - 1')	CRIT	12/22
SVOCs:			SVOCs:		
Bis(2-ethylhexyl)phthalate	50	110	Benz(a)anthracene	1	1.9
			Benz(a)pyrene	1	1.7
			Benz(b)fluoranthene	1	2
			Chrysene	1.2	1.9
			Indeno(1,2,3-cd)pyrene	0.5	1.2
			Phenanthrene	1.2	4.2

SS-40 (0' - 0.2')	CRIT	05/23
SVOCs:		
Phenanthrene	1.2	1.7

SS-39 (0' - 0.2')	CRIT	05/23	SS-39 (0.17' - 1')	CRIT	05/23
SVOCs:			SVOCs:		
2-Methylnaphthalene	0.41	15	Benz(a)anthracene	1	3.6
Benz(a)anthracene	1	160	Benz(a)pyrene	1	3.2
Benz(a)pyrene	1	140	Benz(b)fluoranthene	1	3.7
Benzo(b)fluoranthene	1	170	Benzo(g,h,i)perylene	1.2	1.7
Benzo(g,h,i)perylene	1.2	71	Benzo(k)fluoranthene	1.2	1.7
Benzo(k)fluoranthene	1.2	68	Chrysene	1.2	3.4
Bis(2-ethylhexyl)phthalate	50	65	Dibenz(a,h)anthracene	0.33	0.45
Chrysene	1.2	150	Indeno(1,2,3-cd)pyrene	0.5	1.9
Dibenz(a,h)anthracene	0.33	20	Phenanthrene	1.2	7.2
Dibenzofuran	4.2	29			
Fluoranthene	100	330			
Indeno(1,2,3-cd)pyrene	0.5	81			
Phenanthrene	1.2	330			
Pyrene	100	370			

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- Legend
- ▲

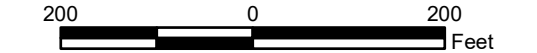
 Surface Soil Sample Location
- Approximate Extent of Town of Monroe
Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-01 (0' - 0.5')			
SVOCs:			
Di-n-octylphthalate 100 370			
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(SVOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
5-40B SS WET RES (SVOC)

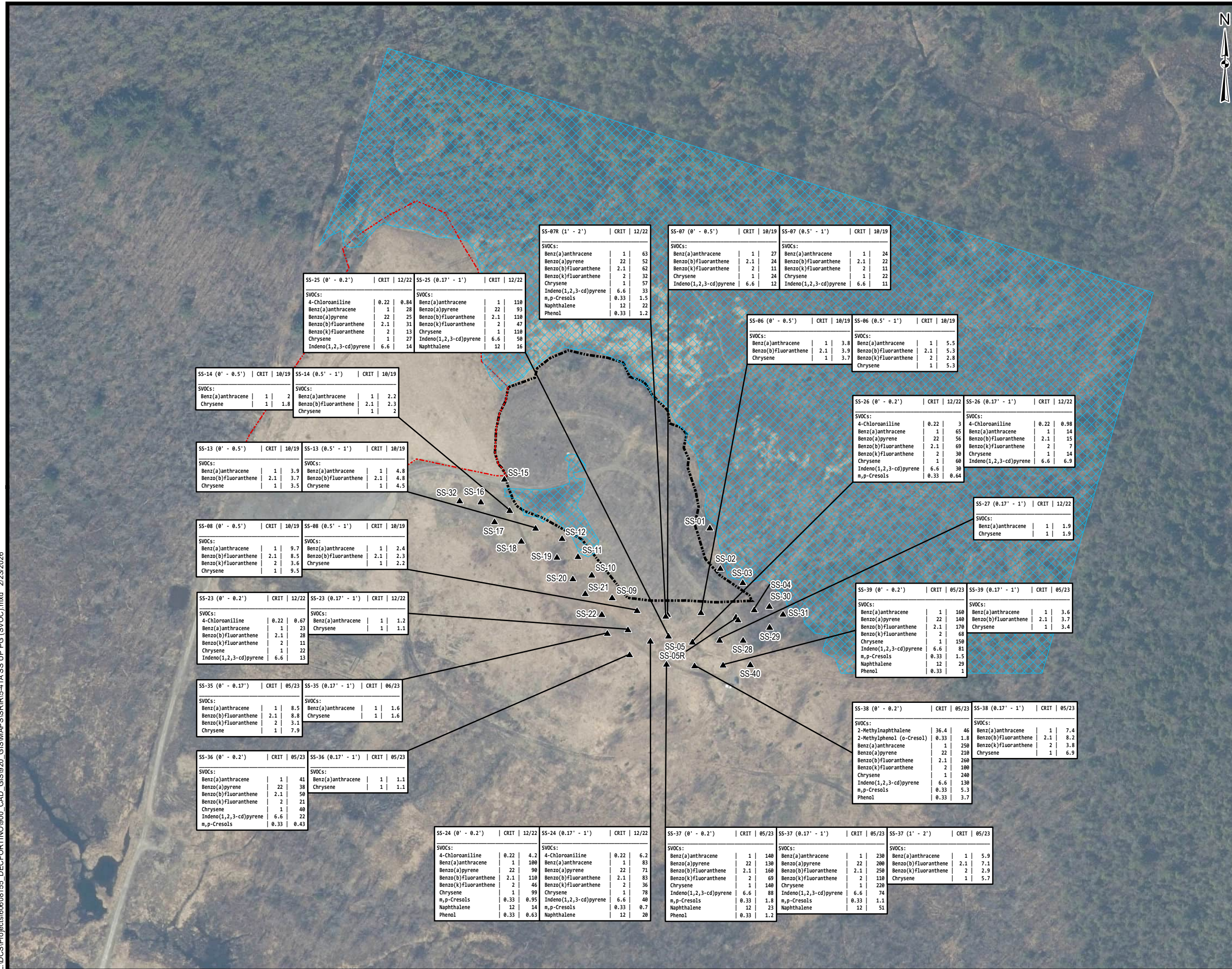
DRAWN:
ML

PROJECT NO.:
60629330

DATE:
2/23/2026

FIGURE NO.:
5-40B

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-41A SS UP PG (SVOC).mxd 2/23/2026



Legend

▲

 Surface Soil Sample Location

Approximate Extent of Town of Monroe Municipal Waste Landfill

Limits of Site (ASR Waste)

Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-27 (0.17' - 1') CRIT 12/22			
SVOCs:			
Chrysene		1	1.9
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25, Restricted Use, Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200

0

200

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(SVOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
5-41A SS UP PG (SVOC)

DRAWN:
ML

PROJECT NO.:
60629330

DATE:
2/23/2026

FIGURE NO.:
5-41A

L:\DCS\Projects\60608155_DECORTINO\900_CAD_GIS\920_GISMAPS\SRIR\5-41B SS WET PG (SVOC).mxd 2/23/2026



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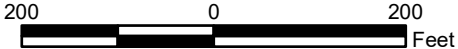
- ▲ Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-24 (1' - 2') CRIT 11/22			
SVOCs:			
Phenol	0.33	0.44	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

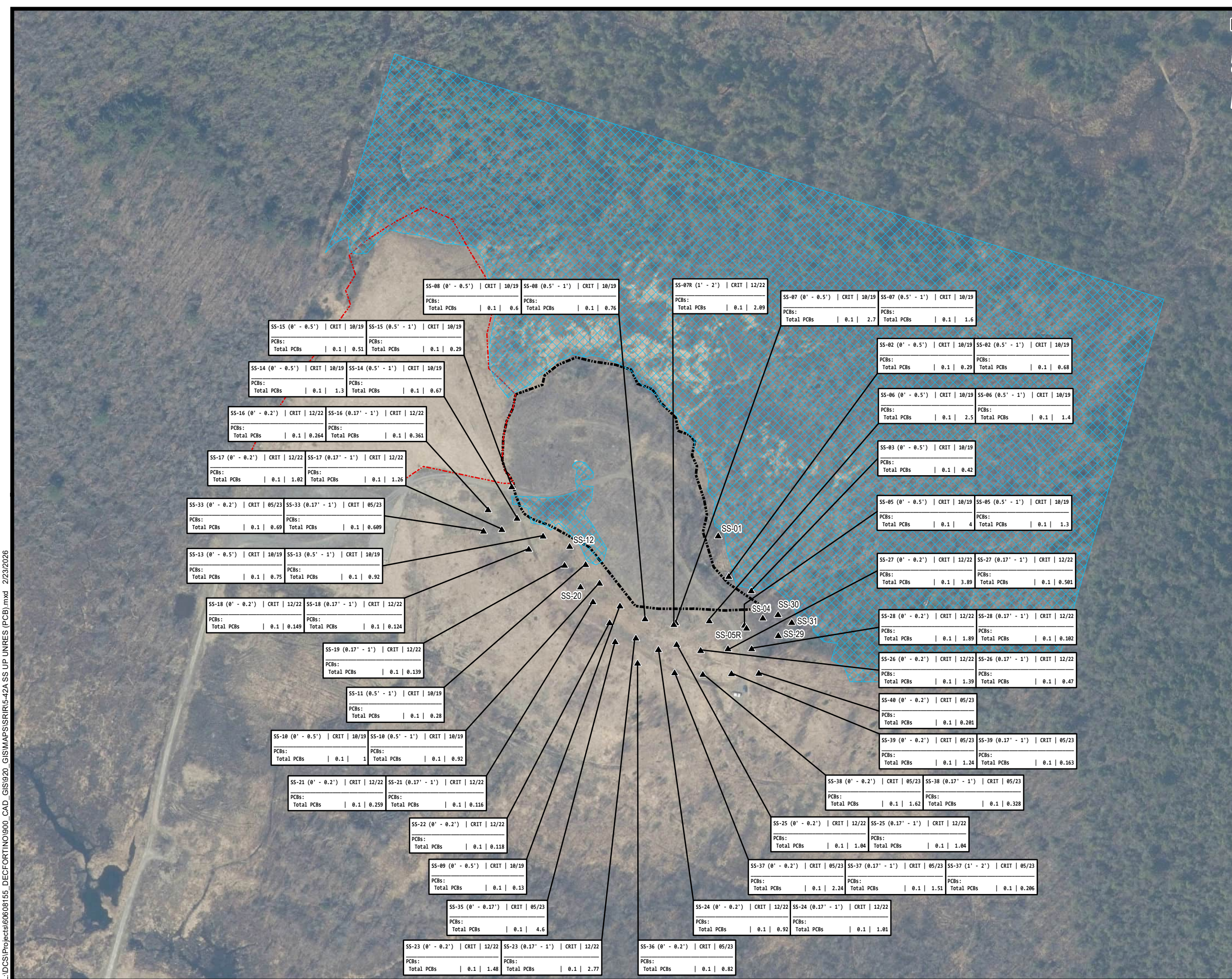
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(SVOCs)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-41B SS WET PG (SVOC)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-41B

L:\DCS\Projects\60608155_DECORTINO1900_CAD_GIS\920_GISMAPS\SRIR\5-42A SS UP UNRES (PCB).mxd 2/23/2026



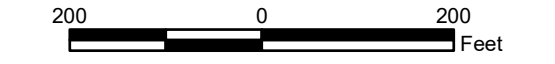
- Legend**
- ▲ Surface Soil Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
 - Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-02 (0' - 0.5')		CRIT	10/19
PCBs:			
Total PCBs		0.1	0.29
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



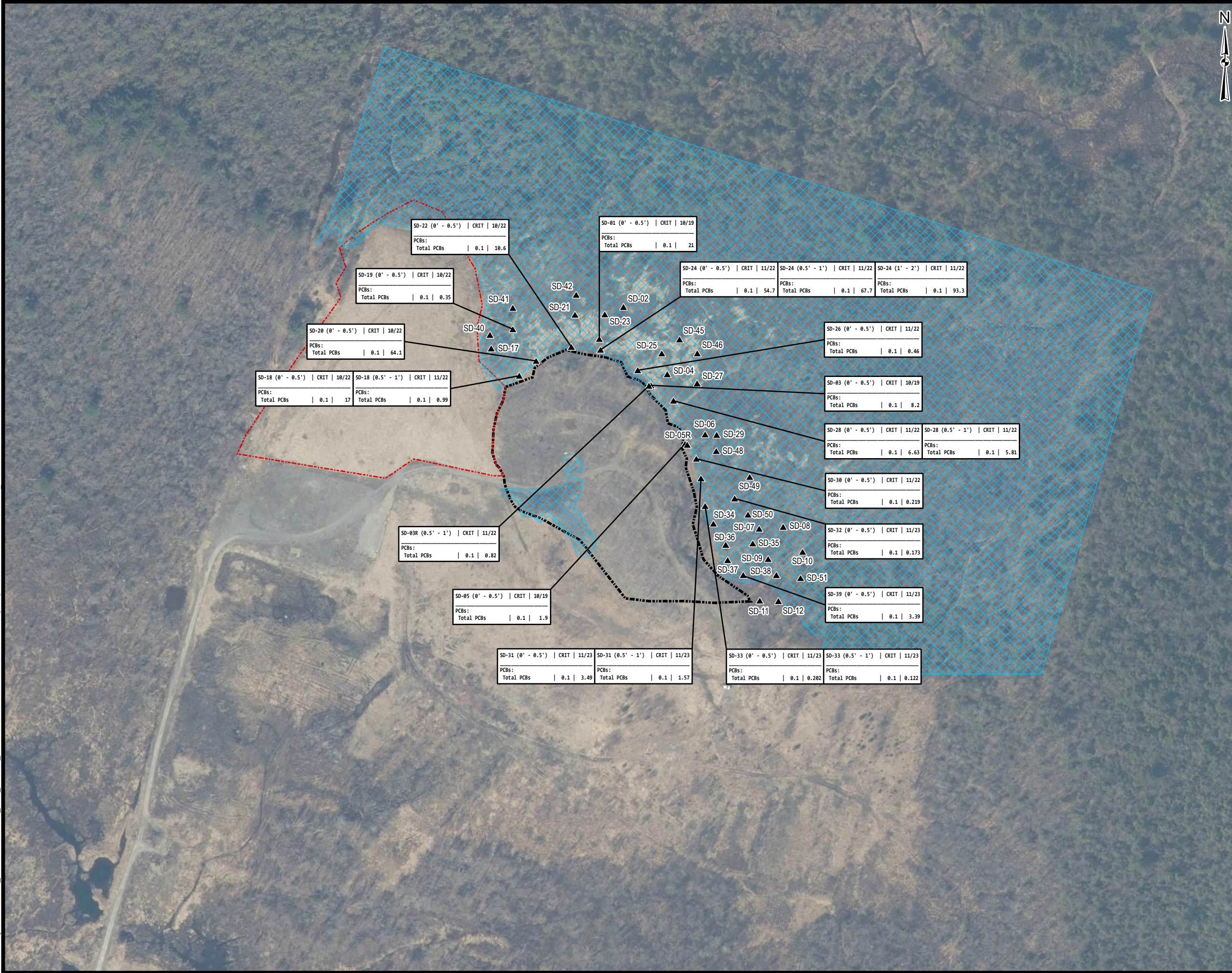
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(PCBS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-42A SS UP UNRES (PCB)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-42A

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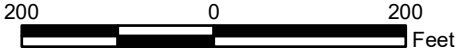
- ▲ Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-01 (0' - 0.5') CRIT 10/19			
PCBs:			
Total PCBs		0.1	21
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

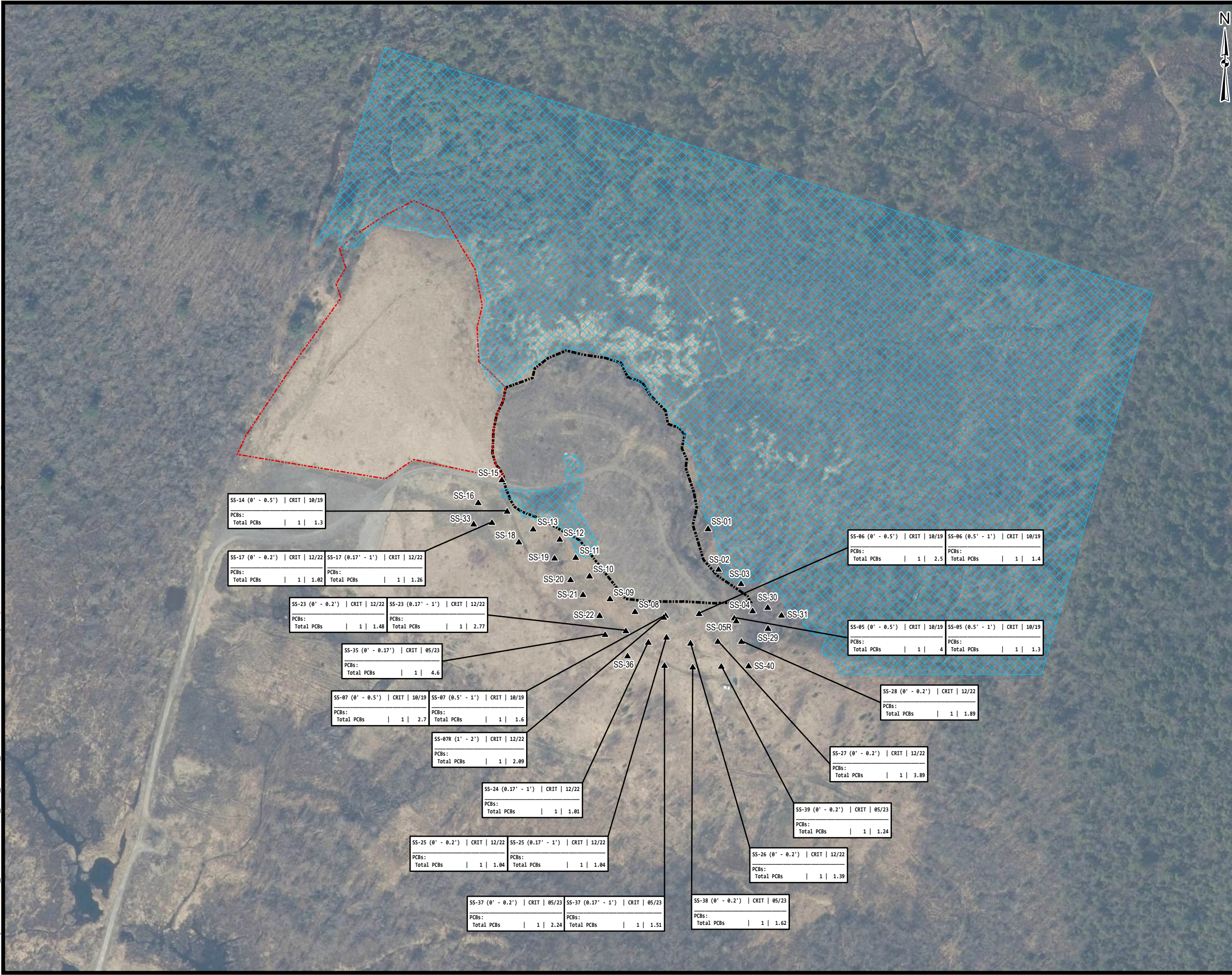
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(PCBS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-42B SS WET UNRES (PCB)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-42B

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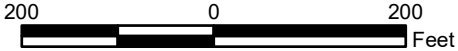
- ▲ Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-06 (0' - 0.5')		CRIT	10/19
PCBs:			
Total PCBs	1	2.5	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



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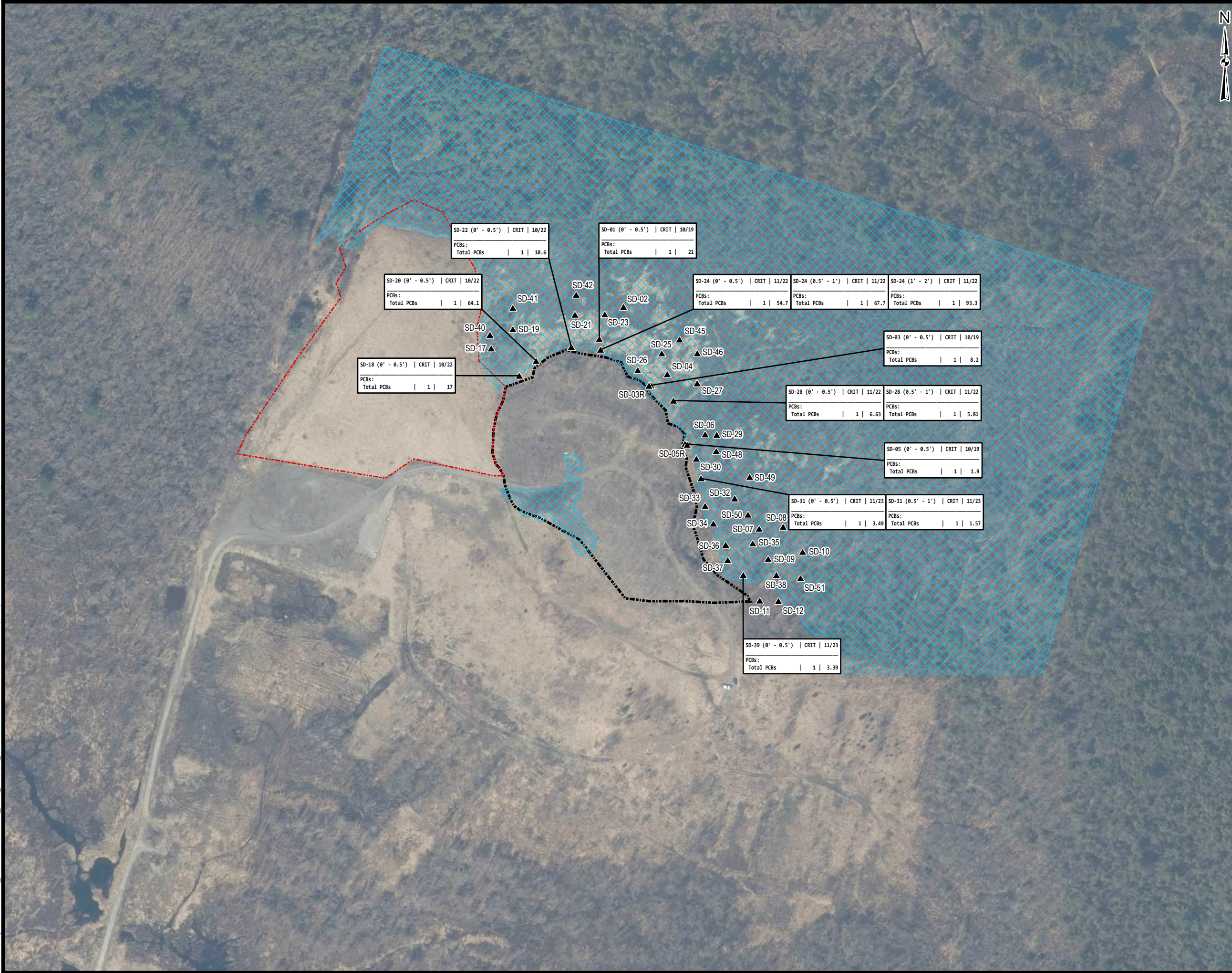
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PCBS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:	DRAWN:	PROJECT NO.:	DATE:	FIGURE NO.:
5-43A SS UP RES (PCB)	ML	60629330	2/23/2026	5-43A

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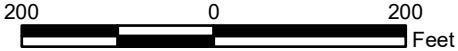
- Legend**
- ▲ Surface Soil Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
 - Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-01 (0' - 0.5')		CRIT	10/19
PCBs:			
Total PCBs		1	21
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



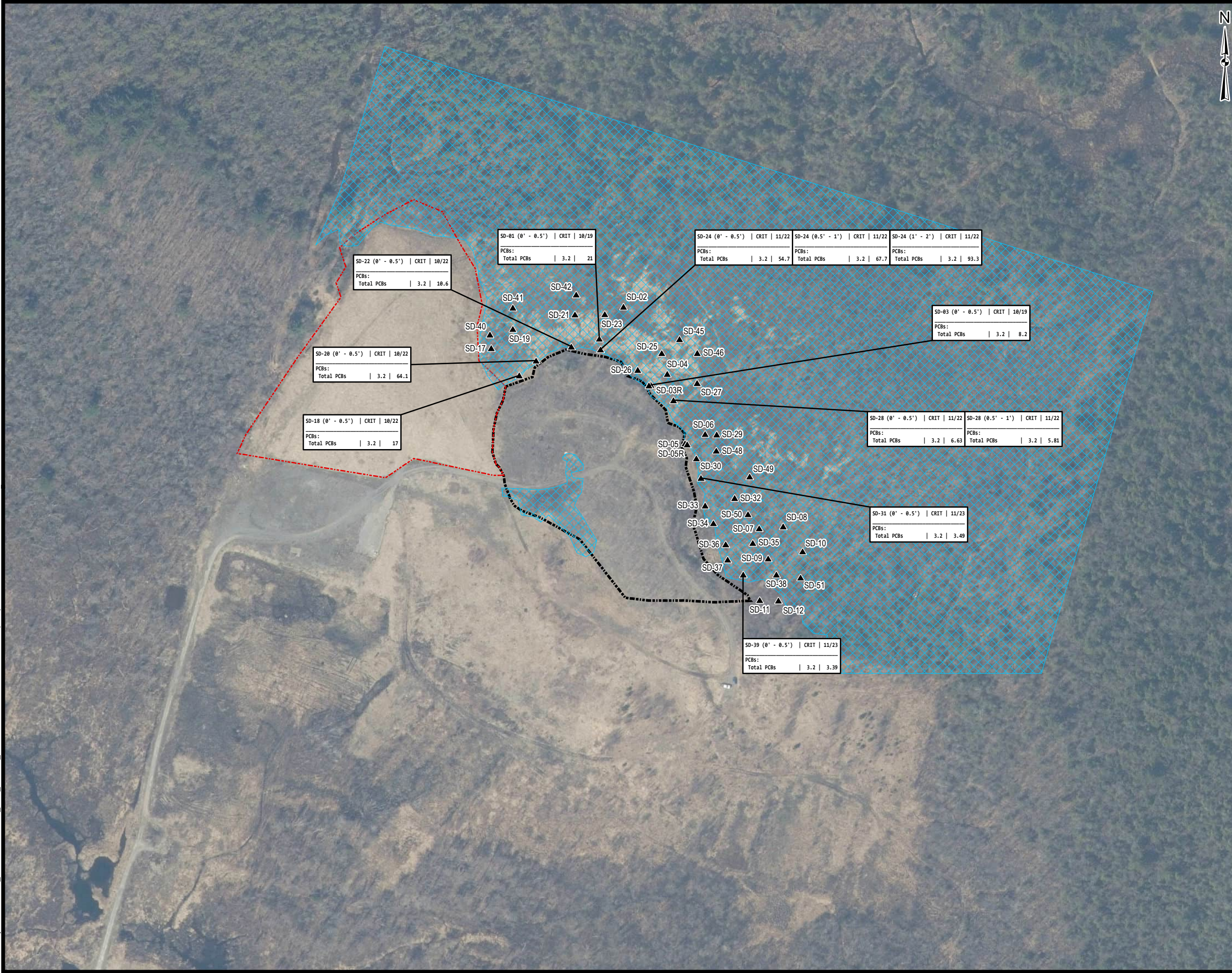
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PCBS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-43B SS WET RES (PCB)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-43B

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- Legend
- ▲

 Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- ▨

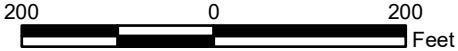
 Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-01 (0' - 0.5') CRIT 10/19			
PCBs:			
Total PCBs		3.2	21
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

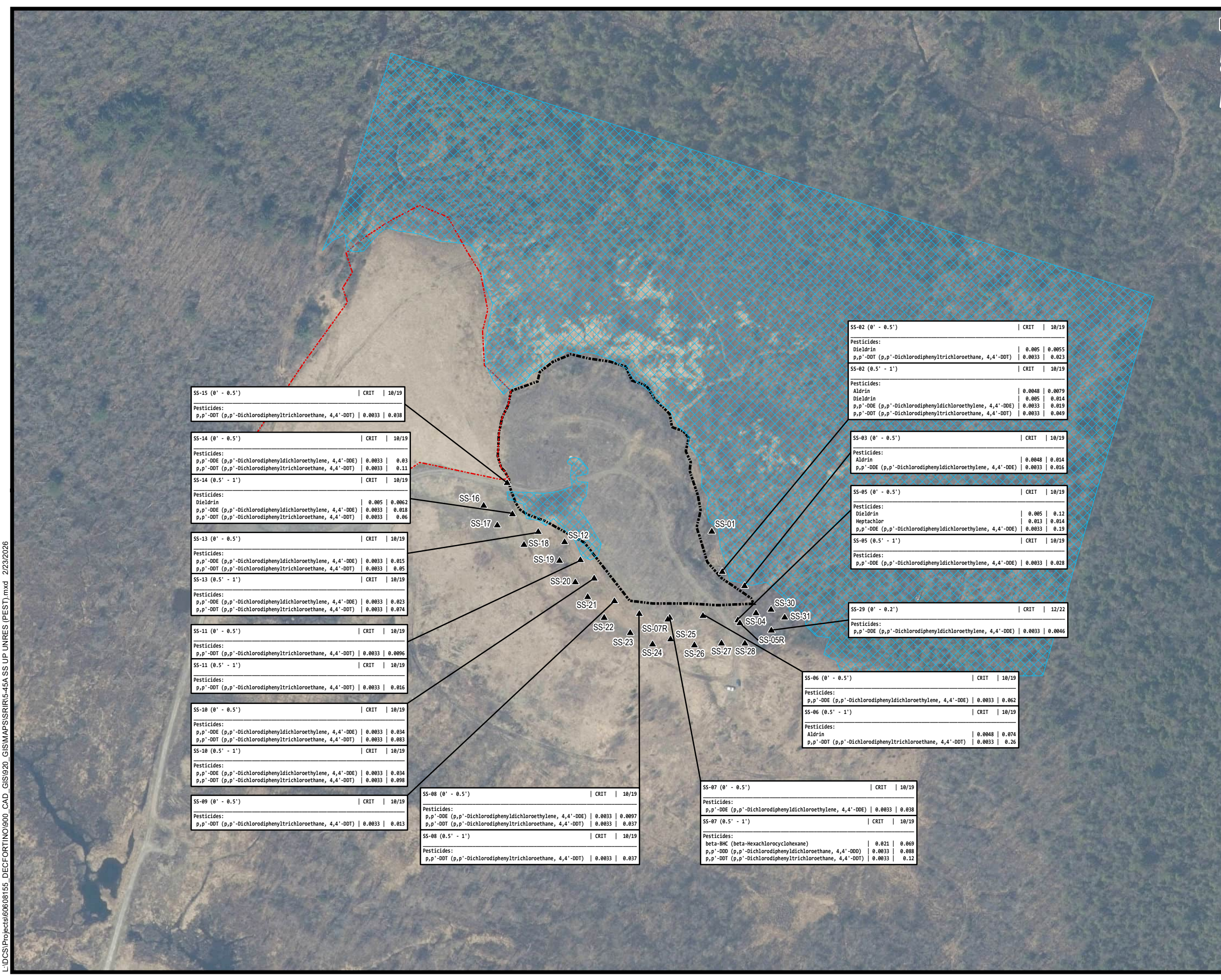
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(PCBS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:	DRAWN:	PROJECT NO.:	DATE:	FIGURE NO.:
5-44B SS WET PG (PCB)	ML	60629330	2/23/2026	5-44B

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N

Approximate Extent of Town of Monroe
Municipal Waste Landfill

Limits of Site (ASR Waste)

Delineated Wetland

Location
ID

Depth
(feet)

Criteria

Date

SS-15 (0' - 0.5')

CRIT

10/19

Pesticides:

4,4'-DDT

0.0033

0.038

Parameter

Concentration

SS-02 (0' - 0.5')

CRIT

10/19

Pesticides:

Dieldrin

0.005

0.0055

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.023

SS-02 (0.5' - 1')

CRIT

10/19

Pesticides:

Aldrin

0.0048

0.0079

Dieldrin

0.005

0.014

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.019

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.049

SS-03 (0' - 0.5')

CRIT

10/19

Pesticides:

Aldrin

0.0048

0.014

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.016

SS-05 (0' - 0.5')

CRIT

10/19

Pesticides:

Dieldrin

0.005

0.12

Heptachlor

0.013

0.014

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.19

SS-05 (0.5' - 1')

CRIT

10/19

Pesticides:

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.028

SS-06 (0' - 0.5')

CRIT

10/19

Pesticides:

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.062

SS-06 (0.5' - 1')

CRIT

10/19

Pesticides:

Aldrin

0.0048

0.074

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.26

SS-07 (0' - 0.5')

CRIT

10/19

Pesticides:

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.038

SS-07 (0.5' - 1')

CRIT

10/19

Pesticides:

beta-BHC (beta-Hexachlorocyclohexane)

0.021

0.069

p,p'-DDD (p,p'-Dichlorodiphenyldichloroethane, 4,4'-DDD)

0.0033

0.088

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.12

SS-08 (0' - 0.5')

CRIT

10/19

Pesticides:

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.0097

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.037

SS-08 (0.5' - 1')

CRIT

10/19

Pesticides:

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.037

SS-09 (0' - 0.5')

CRIT

10/19

Pesticides:

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.013

SS-10 (0' - 0.5')

CRIT

10/19

Pesticides:

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.034

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.083

SS-10 (0.5' - 1')

CRIT

10/19

Pesticides:

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.034

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.098

SS-11 (0' - 0.5')

CRIT

10/19

Pesticides:

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.0096

SS-11 (0.5' - 1')

CRIT

10/19

Pesticides:

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.016

SS-13 (0' - 0.5')

CRIT

10/19

Pesticides:

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.015

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.05

SS-13 (0.5' - 1')

CRIT

10/19

Pesticides:

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.023

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.074

SS-14 (0' - 0.5')

CRIT

10/19

Pesticides:

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.03

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.11

SS-14 (0.5' - 1')

CRIT

10/19

Pesticides:

Dieldrin

0.005

0.0062

p,p'-DDE (p,p'-Dichlorodiphenyldichloroethylene, 4,4'-DDE)

0.0033

0.018

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.06

SS-15 (0' - 0.5')

CRIT

10/19

Pesticides:

p,p'-DDT (p,p'-Dichlorodiphenyltrichloroethane, 4,4'-DDT)

0.0033

0.038

SS-16

SS-17

SS-18

SS-19

SS-20

SS-21

SS-22

SS-23

SS-07R

SS-24

SS-25

SS-26

SS-27

SS-28

SS-04

SS-05R

SS-30

SS-31

SS-01

SS-02

NOTE:

Units are shown in mg/kg.

CRITERIA:

CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:

NYS ITS GIS Program Office, 2020

200

0

200

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL

UNRESTRICTED USE SCO

ANALYTICAL EXCEEDANCES

(PESTICIDES)

PINNACLE ROAD SPUR

WEST MONROE, NEW YORK

FILE NAME:

5-45A SS UP UNRES (PEST)

DRAWN:

ML

PROJECT NO.:

60629330

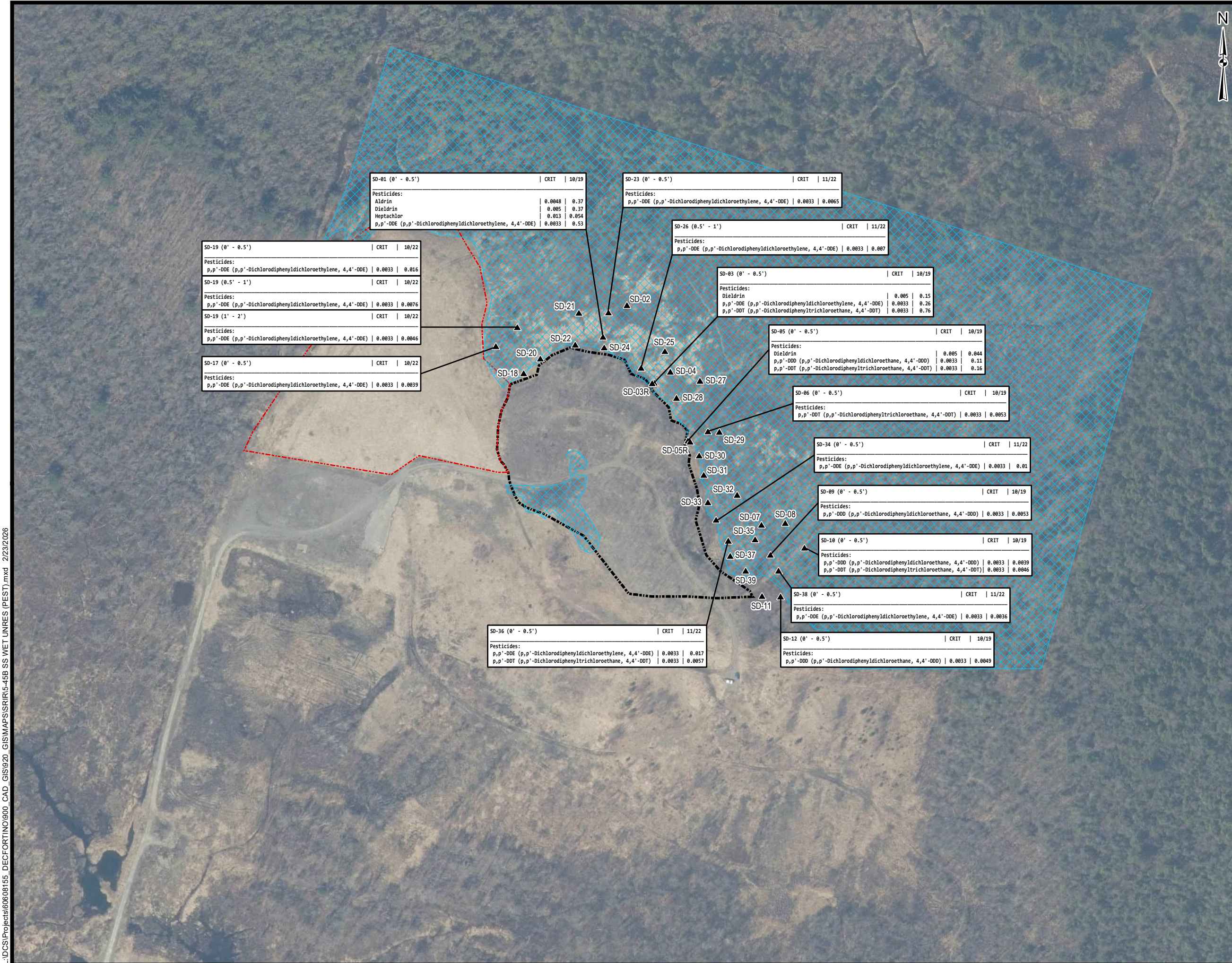
DATE:

2/23/2026

FIGURE NO.:

5-45A

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- Legend
- ▲

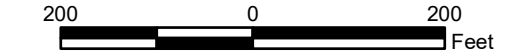
 Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-03 (0' - 0.5')		CRIT	10/19
Pesticides:			
Dieldrin		0.005	0.15
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

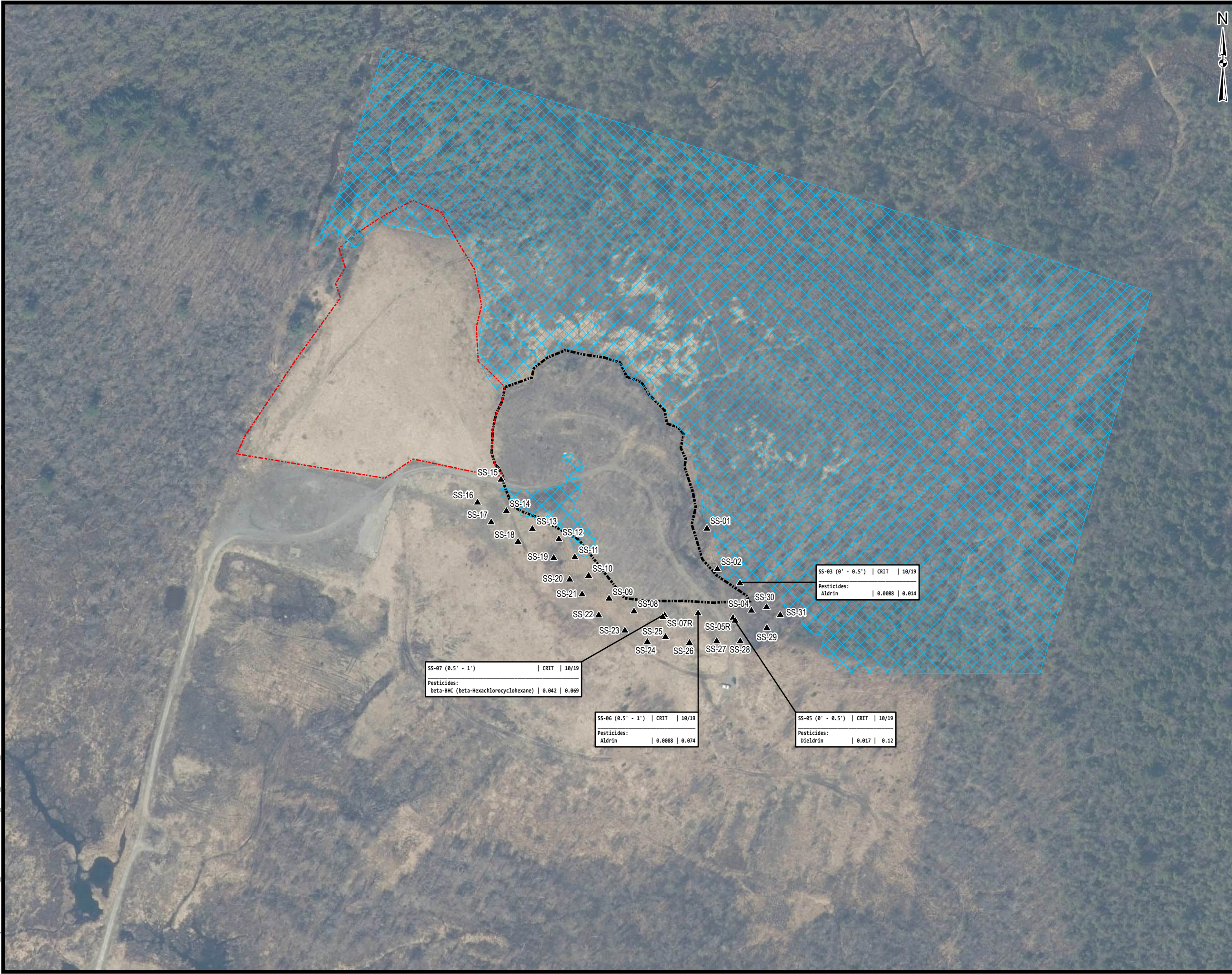
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(PESTICIDES)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-45B SS WET UNRES (PEST)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-45B

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- Legend
- ▲

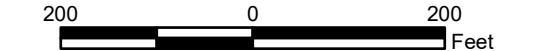
 Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-06 (0.5' - 1')			
CRIT			
10/19			
Pesticides:			
Aldrin		0.0088	0.074
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PESTICIDES)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-46A SS UP RES (PEST)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-46A

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- Legend
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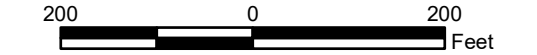
 Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-03 (0' - 0.5') CRIT 10/19			
Pesticides:			
Dieldrin		0.017	0.15
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PESTICIDES)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-46B SS WET RES (PEST)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-46B

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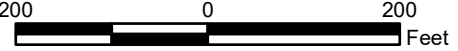
- Legend**
- ▲ Surface Soil Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
 - Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-05 (0' - 0.5')		CRIT	10/19
Pesticides:			
Dieldrin		0.1	0.12
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**UPLAND SURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(PESTICIDES)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-47A SS UP PG (PEST)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-47A

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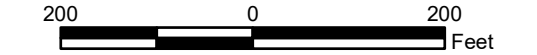
- Legend**
- ▲ Surface Soil Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
 - Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-03 (0' - 0.5') CRIT 10/19			
Pesticides:			
Dieldrin			
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



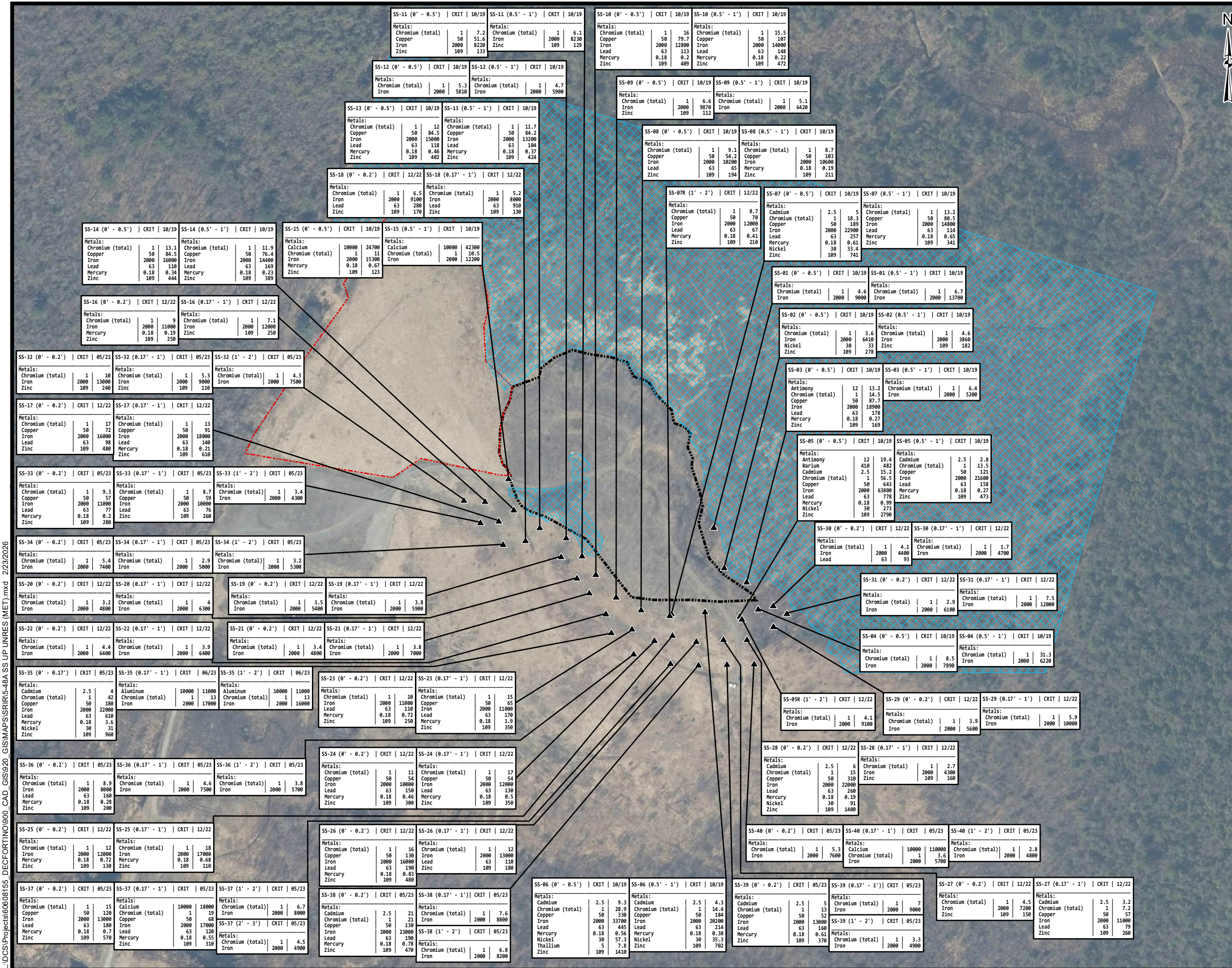
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(PESTICIDES)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-47B SS WET PG (PEST)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-47B

L:\DCS\Projects\60608155 DECORTINO\900_CAD GIS\920 GISMAPS\SRIR\5-48A SS UP UNRES (MET).mxd 2/23/2026



Legend

- ▲ Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-04 (0' - 0.5')		CRIT	10/19
Metals:			
Iron	2000	7890	
Parameter	Concentration		

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200 0 200 Feet

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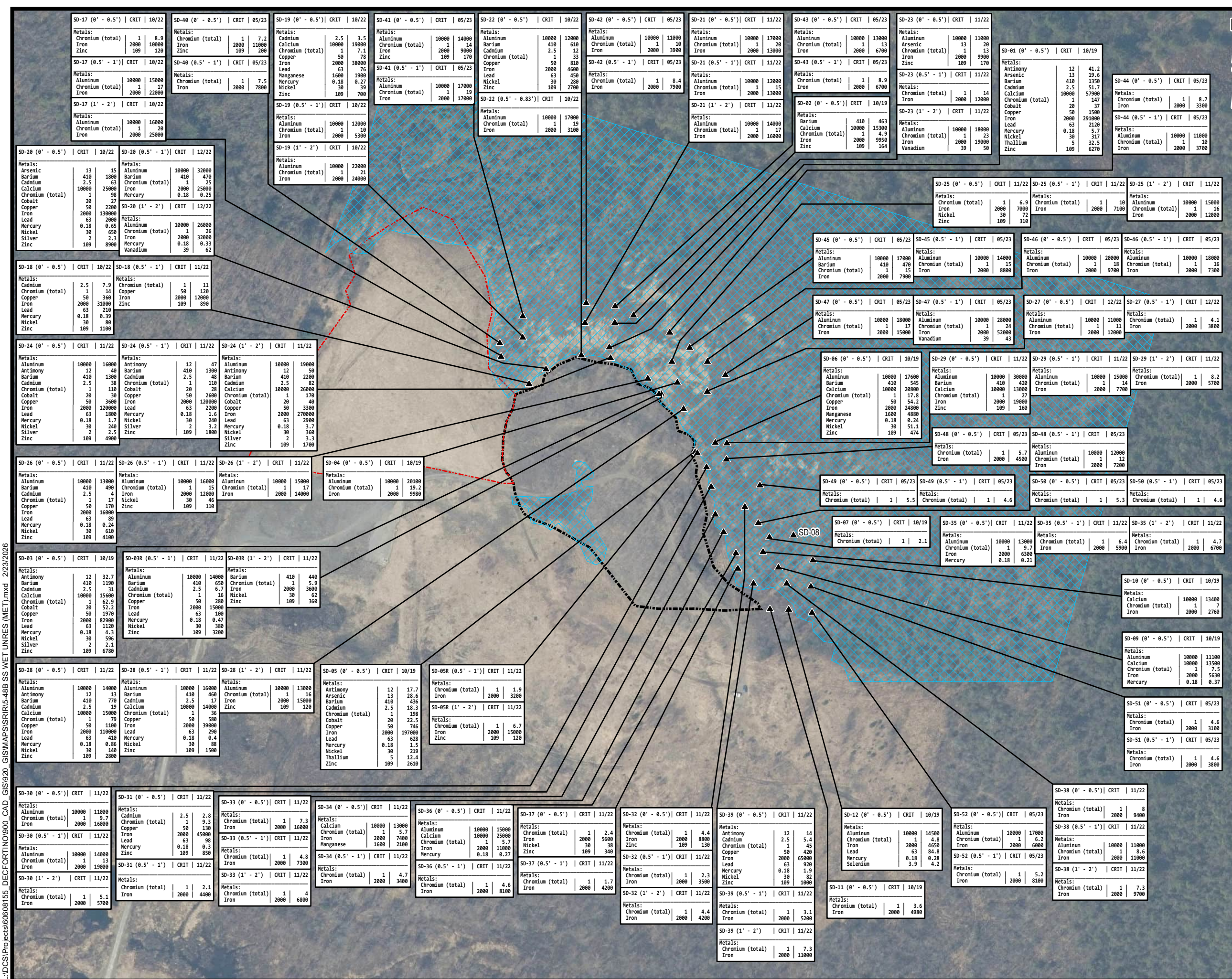
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL UNRESTRICTED USE SCO ANALYTICAL EXCEEDANCES (METALS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:	DRAWN:	PROJECT NO.:	DATE:	FIGURE NO.:
5-48A SS UP UNRES (MET)	ML	60629330	2/23/2026	5-48A

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Legend

- ▲ Surface Soil Sample Location
- - - Approximate Extent of Town of Monroe
- - - Limits of Site (ASR Waste)
- ▨ Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-25 (0.5' - 1') CRIT 11/22			
Metals:			
Iron 2000 7100			
Parameter	Concentration		

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

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Feet

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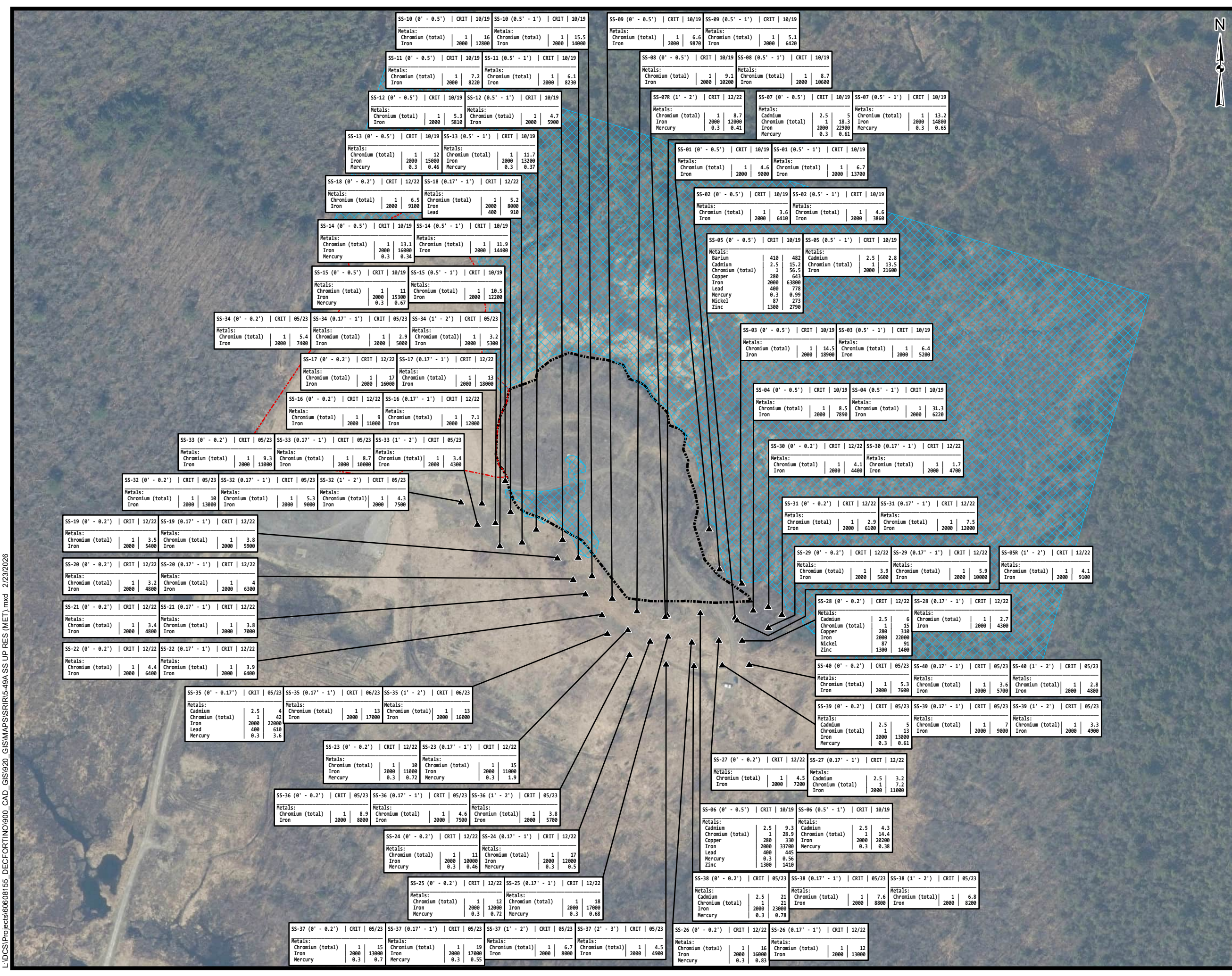
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL UNRESTRICTED USE SCO ANALYTICAL EXCEEDANCES (METALS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:	DRAWN:	PROJECT NO.:	DATE:	FIGURE NO.:
5-488 SS WET UNRES (MET)	ML	60629330	2/23/2026	5-48B

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Legend

- ▲ Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-09 (0' - 0.5')		CRIT	10/19
Metals:			
Iron		2000	9870
Parameter			Concentration

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

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Feet

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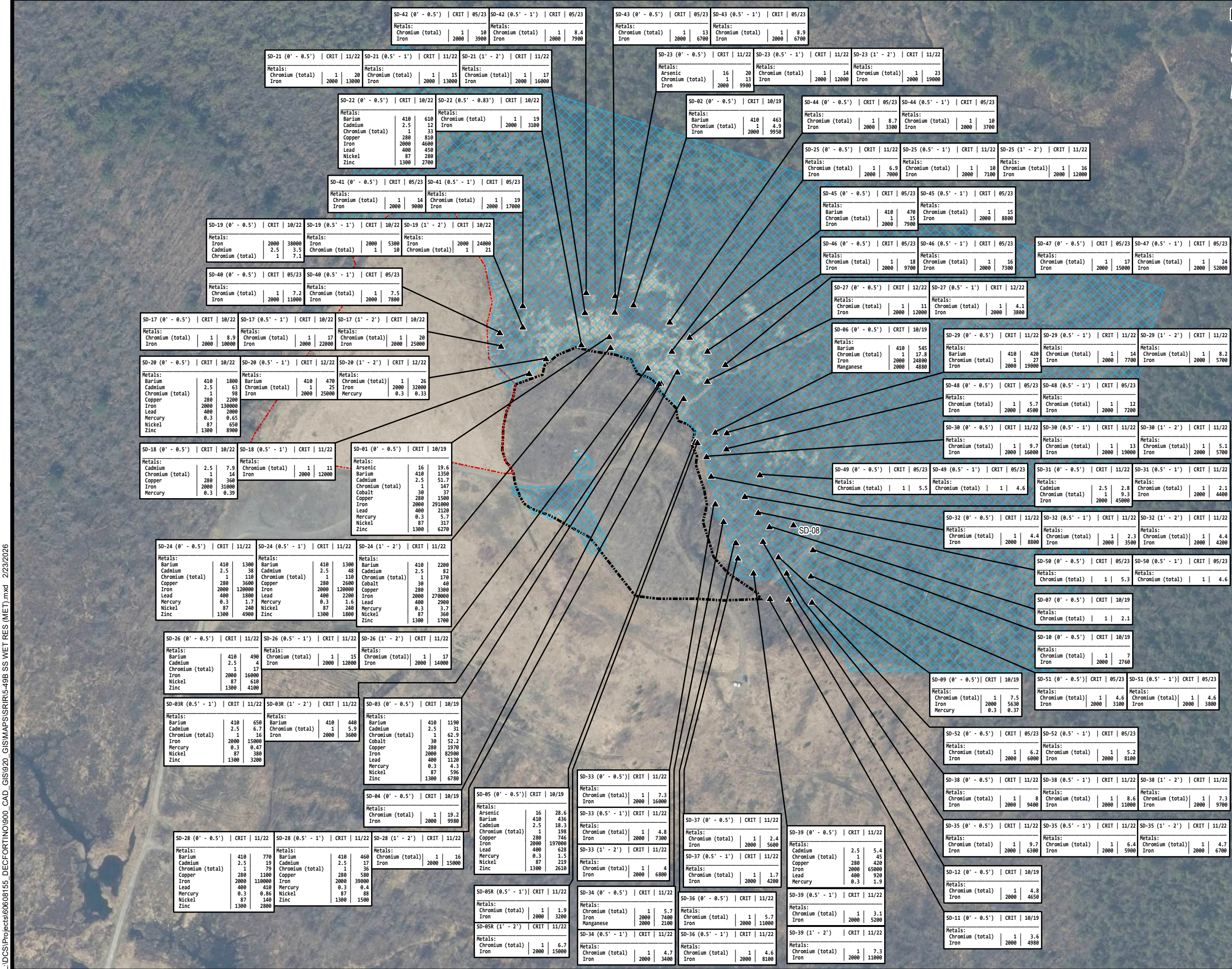
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL RESIDENTIAL USE SCO ANALYTICAL EXCEEDANCES (METALS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-49A SS UP RES (MET)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-49A

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Legend

- ▲ Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-43 (0' - 0.5')		CRIT	05/23
Metals:			
Iron	2000	6700	
Parameter	Concentration		

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

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Feet

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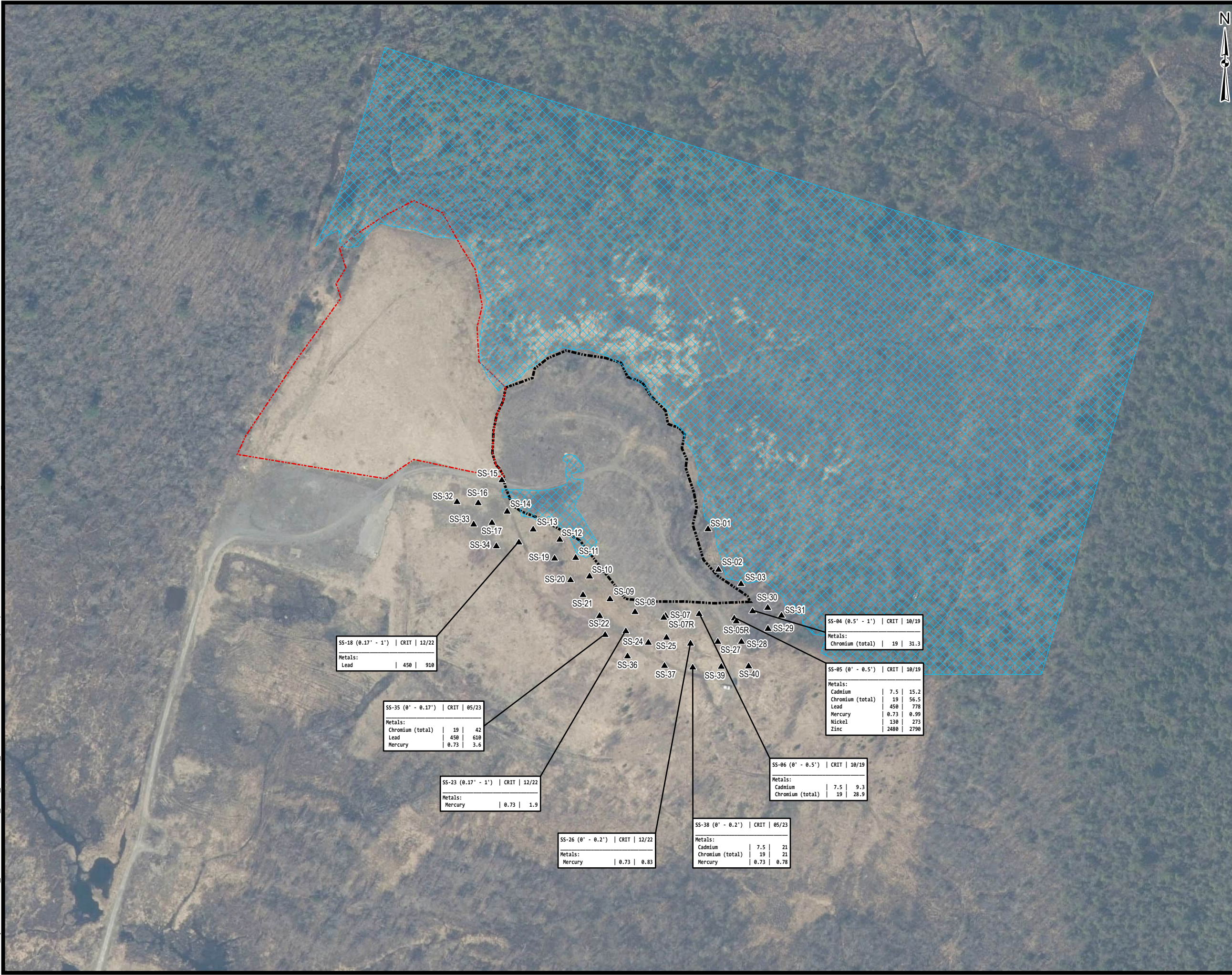
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL RESIDENTIAL USE SCO ANALYTICAL EXCEEDANCES (METALS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-49B SS WET RES (MET)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-49B

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- Legend
- ▲

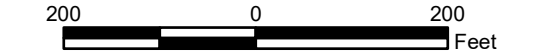
 Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-04 (0.5' - 1')			
CRIT			
10/19			
Metals:			
Chromium (total)			
19		31.3	
Parameter		Concentration	

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



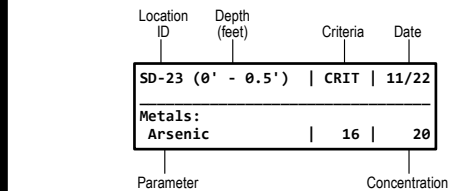
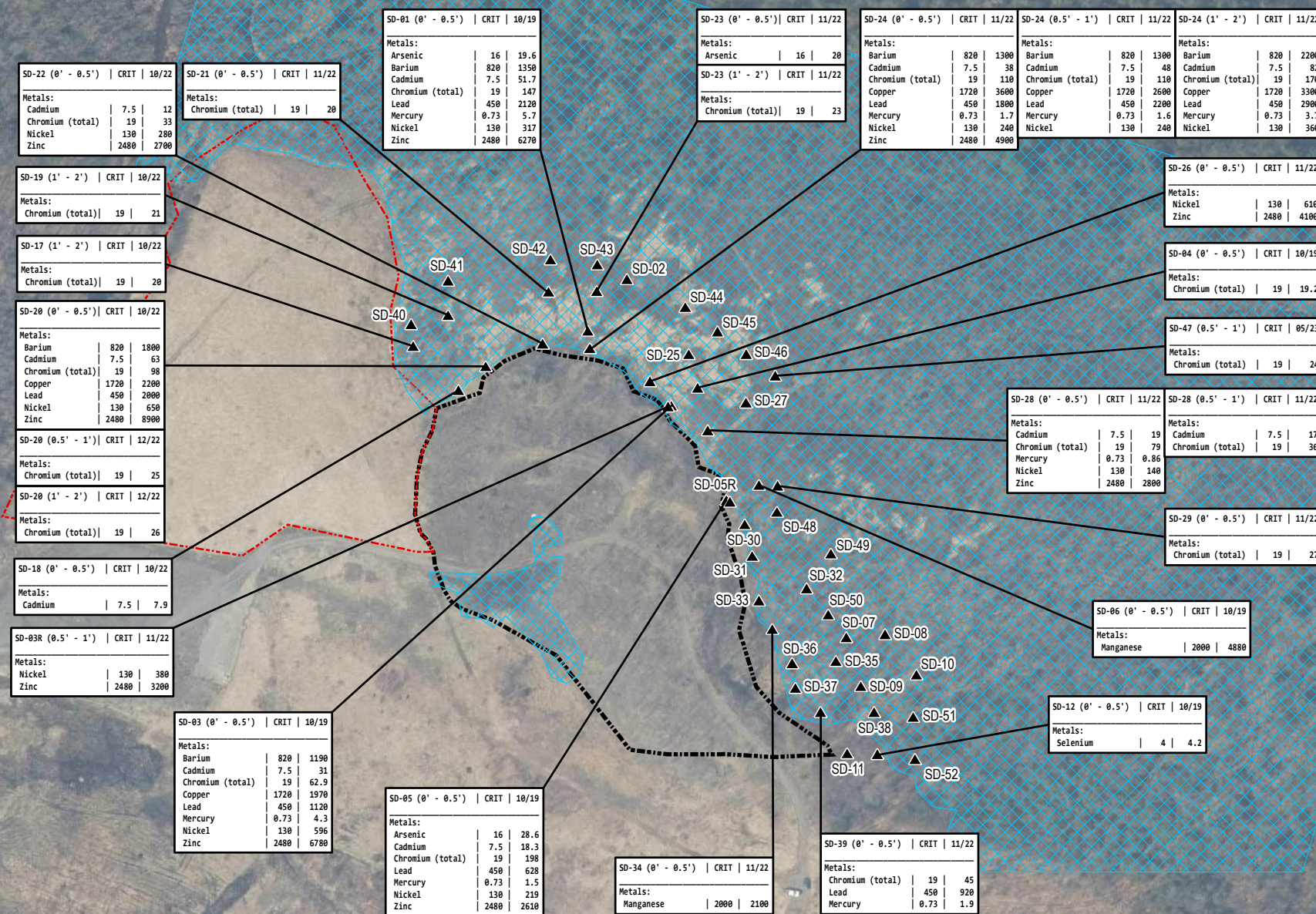
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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(METALS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-50A SS UP PG (MET)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-50A



NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use, Protection of Groundwater, including CP-51 Table 1, Effective 12/21/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

**AECOM**

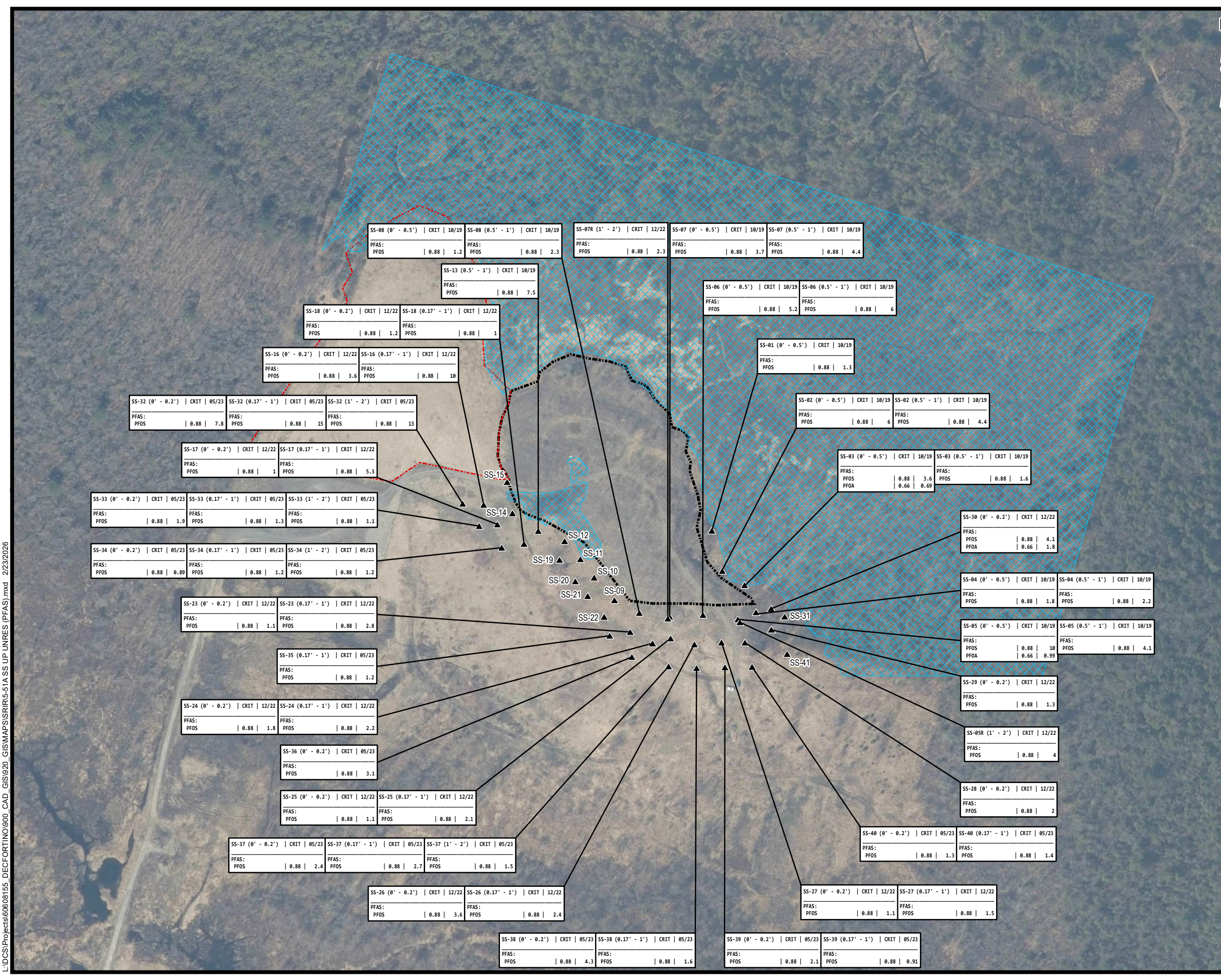
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**WETLAND SURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(METALS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:	DRAWN:	PROJECT NO.:	DATE:	FIGURE NO.:
5-50B SS WET PG (MET)	ML	60629330	2/23/2026	5-50B

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- Legend
- ▲

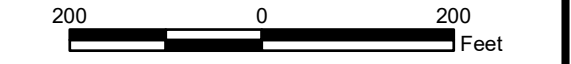
 Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-07 (0' - 0.5') CRIT 10/19			
PFAS:			
PFOS		0.88	3.7
Parameter		Concentration	

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

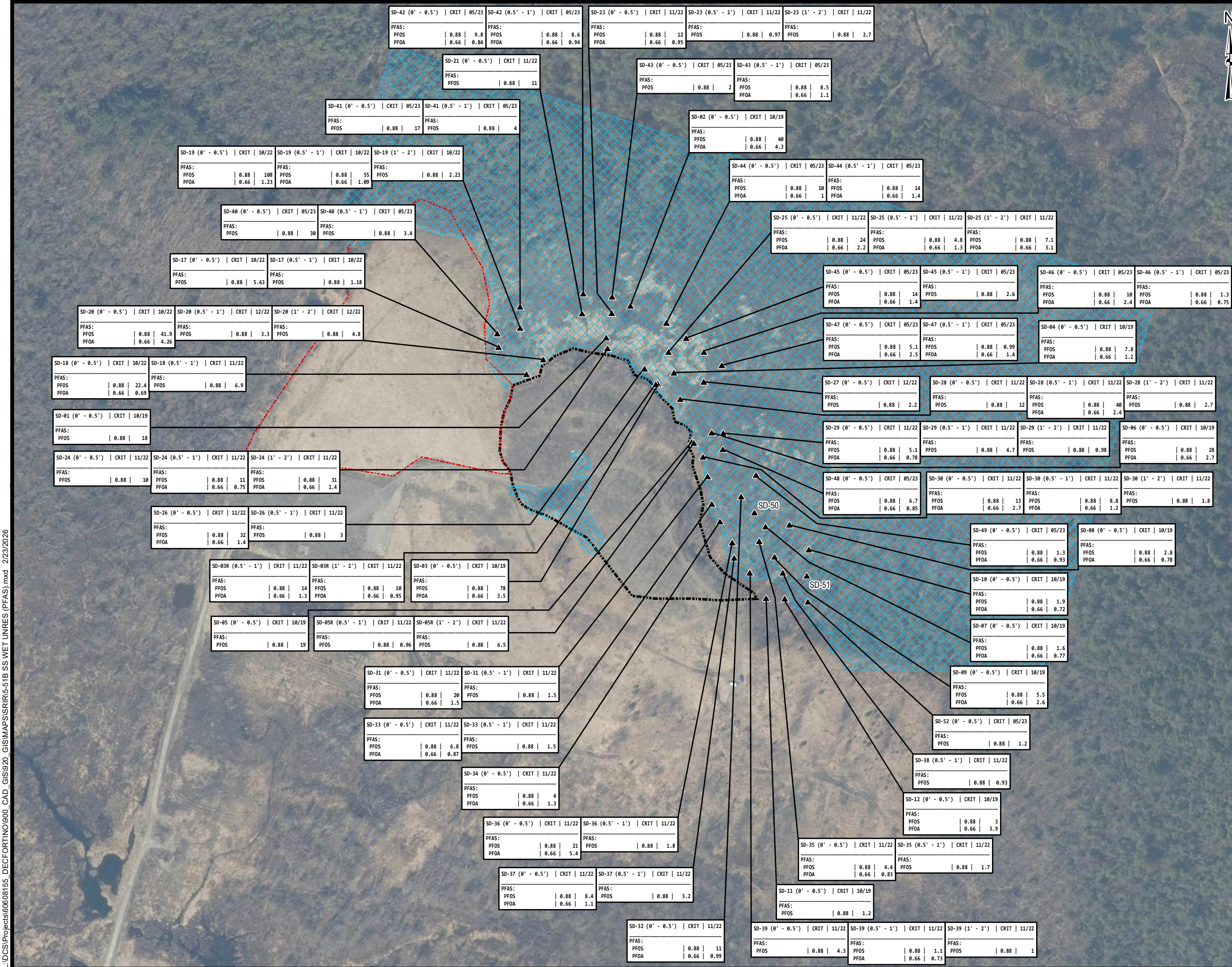
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-51A SS UP UNRES (PFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-51A

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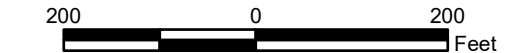
- Legend**
- ▲ Surface Soil Sample Location
 - Approximate Extent of Town of Monroe Municipal Waste Landfill
 - Limits of Site (ASR Waste)
 - Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-43 (0' - 0.5')		CRIT	05/23
PFAS:			
PFOS			
Parameter			Concentration

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Unrestricted Use, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**WETLAND SURFACE SOIL
UNRESTRICTED USE SCO
ANALYTICAL EXCEEDANCES
(PFAS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-51B SS WET UNRES (PFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-51B

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- Legend
- ▲

 Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-05 (0' - 0.5')			
PFAS:			
PFOS		8.8	10
Parameter		Concentration	

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

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Feet

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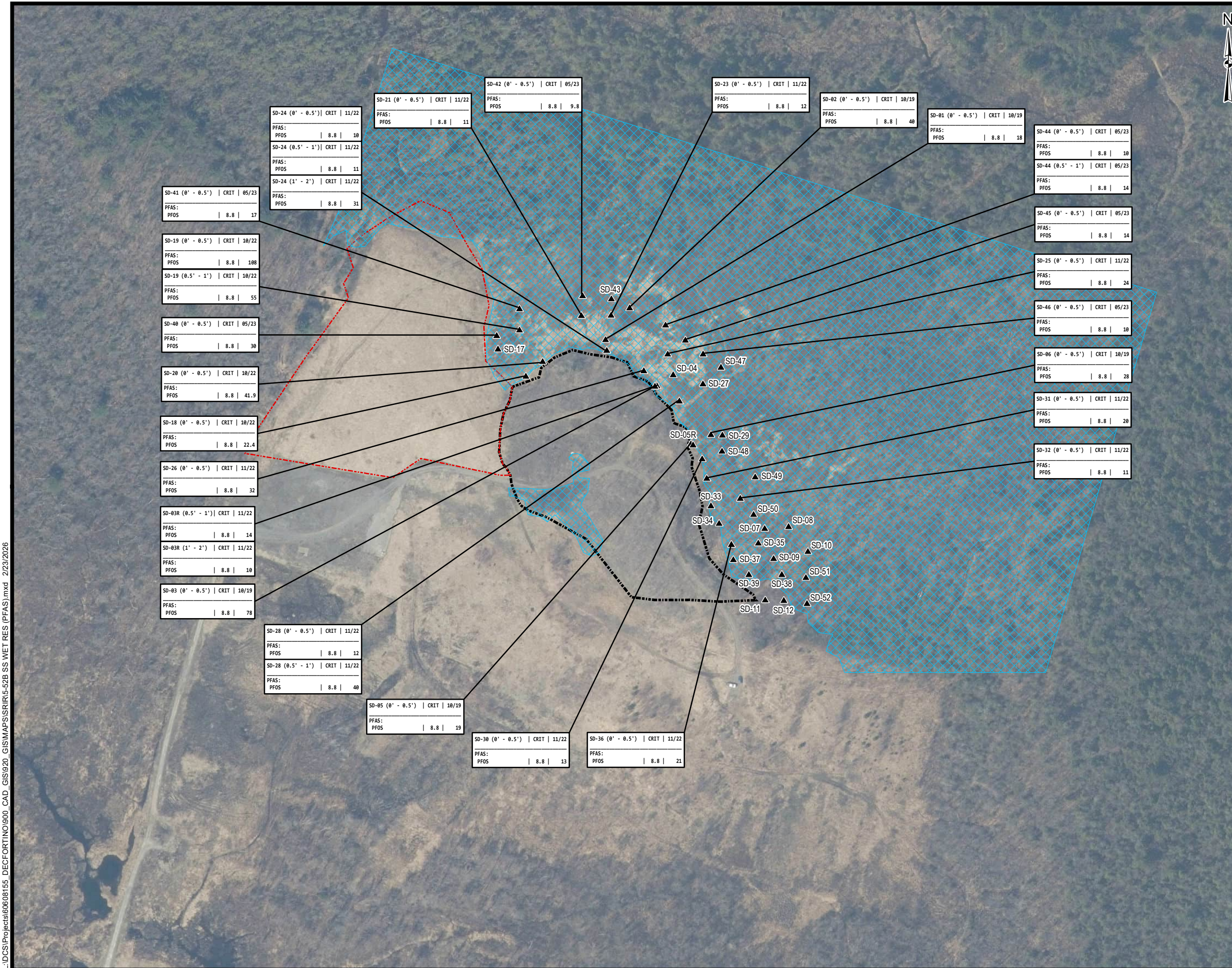
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-52A SS UP RES (PFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-52A

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- Legend
- ▲

 Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- ▨

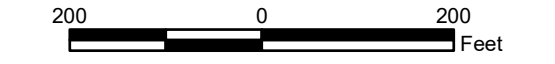
 Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-42 (0' - 0.5') CRIT 05/23			
PFAS:			
PFOS		8.8	9.8
Parameter		Concentration	

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Protection of Public Health, Residential, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020



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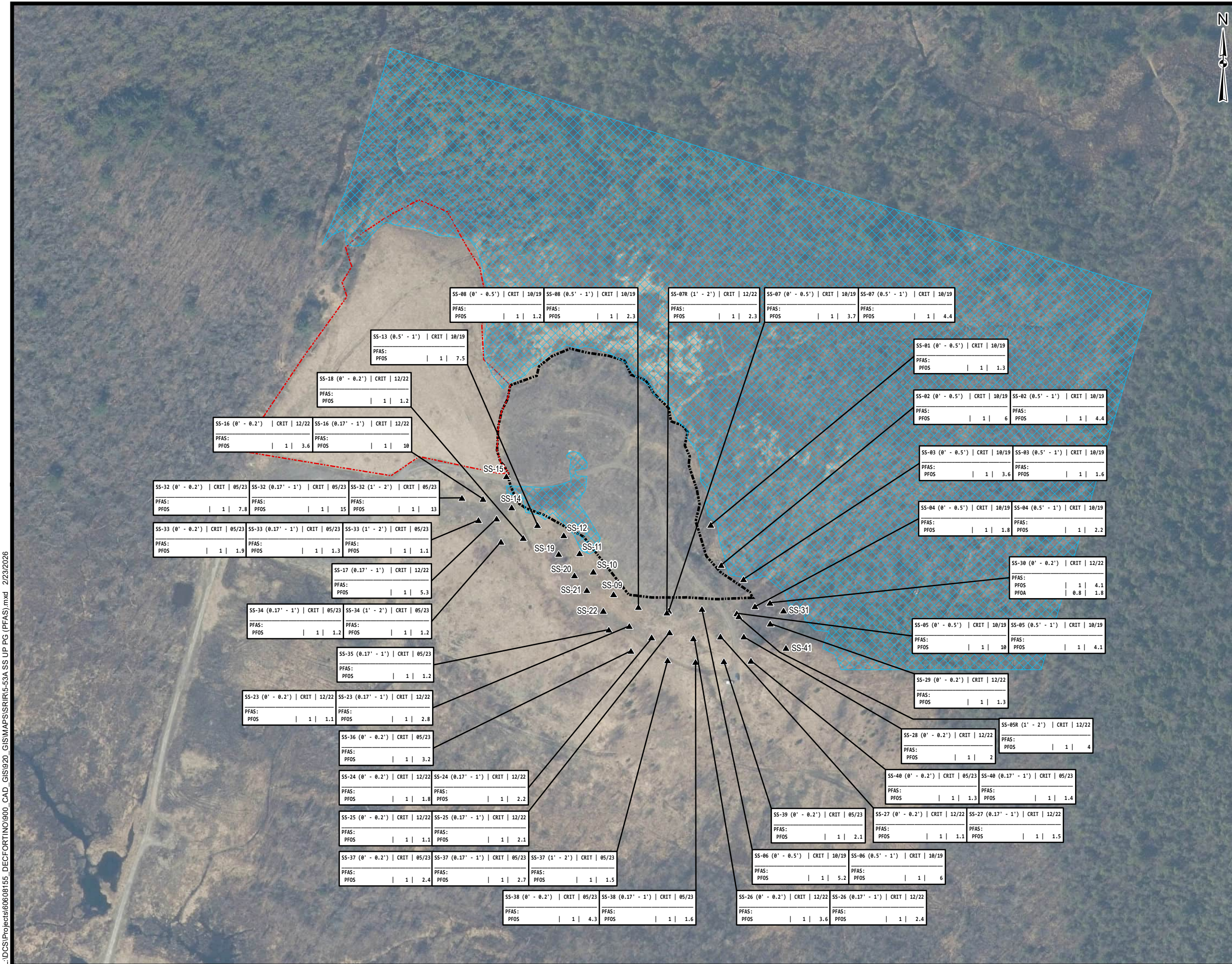
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
RESIDENTIAL USE SCO
ANALYTICAL EXCEEDANCES
(PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-52B SS WET RES (PFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-52B

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▲ Surface Soil Sample Location

Approximate Extent of Town of Monroe Municipal Waste Landfill

Limits of Site (ASR Waste)

Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SS-07 (0.5' - 1')	CRIT	10/19	
PFAS:			
PFOS	1	4.4	
Parameter		Concentration	

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

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Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
5-53A SS UP PG (PFAS)

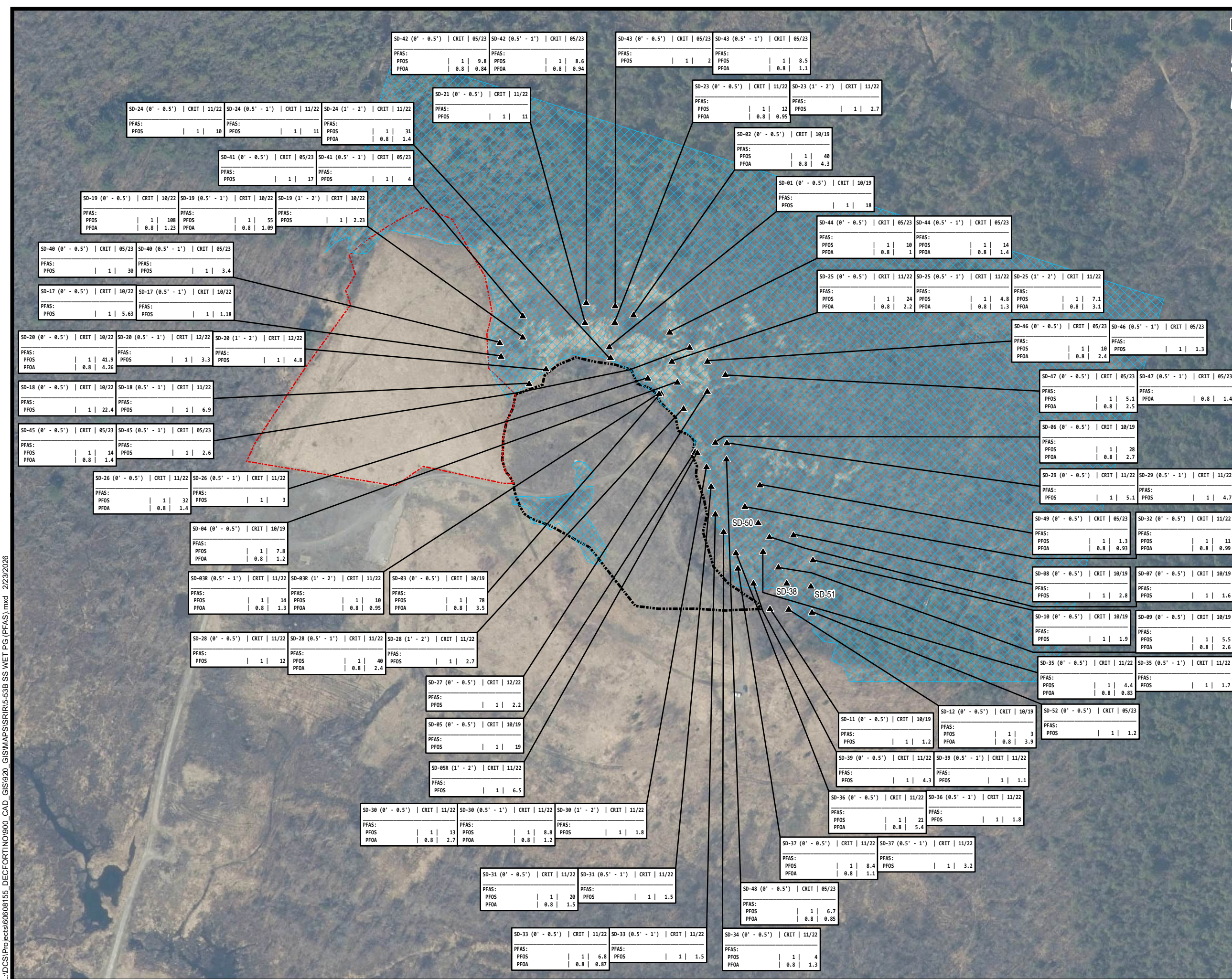
DRAWN:
ML

PROJECT NO.:
60629330

DATE:
2/23/2026

FIGURE NO.:
5-53A

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Legend

- ▲ Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria	Date
SD-42 (0' - 0.5')		CRIT	05/23
PFAS:			
PFOS	1	9.8	
Parameter		Concentration	

NOTE:
Units are shown in µg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25. Restricted Use. Protection of Groundwater, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.

SOURCE:
NYS ITS GIS Program Office, 2020

200 0 200 Feet

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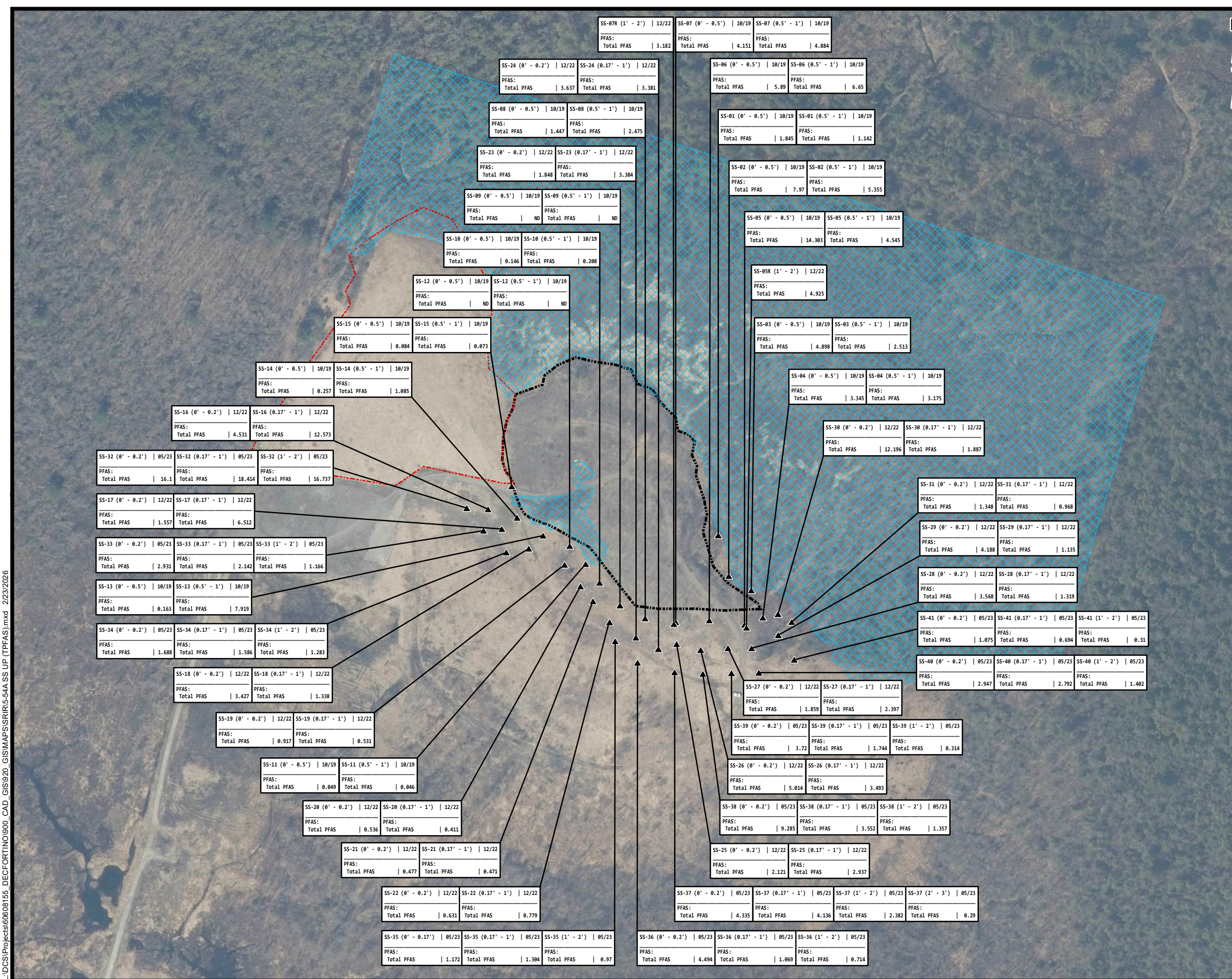
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**WETLAND SURFACE SOIL
PROTECTION OF GROUNDWATER SCO
ANALYTICAL EXCEEDANCES
(PFAS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-53B SS WET PG (PFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-53B

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Legend

- ▲ Surface Soil Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Date
SS-41 (1' - 2')		05/23
PFAS:		
Total PFAS		0.31
Parameter		Concentration

NOTE:
Units are shown in µg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020

200 0 200 Feet

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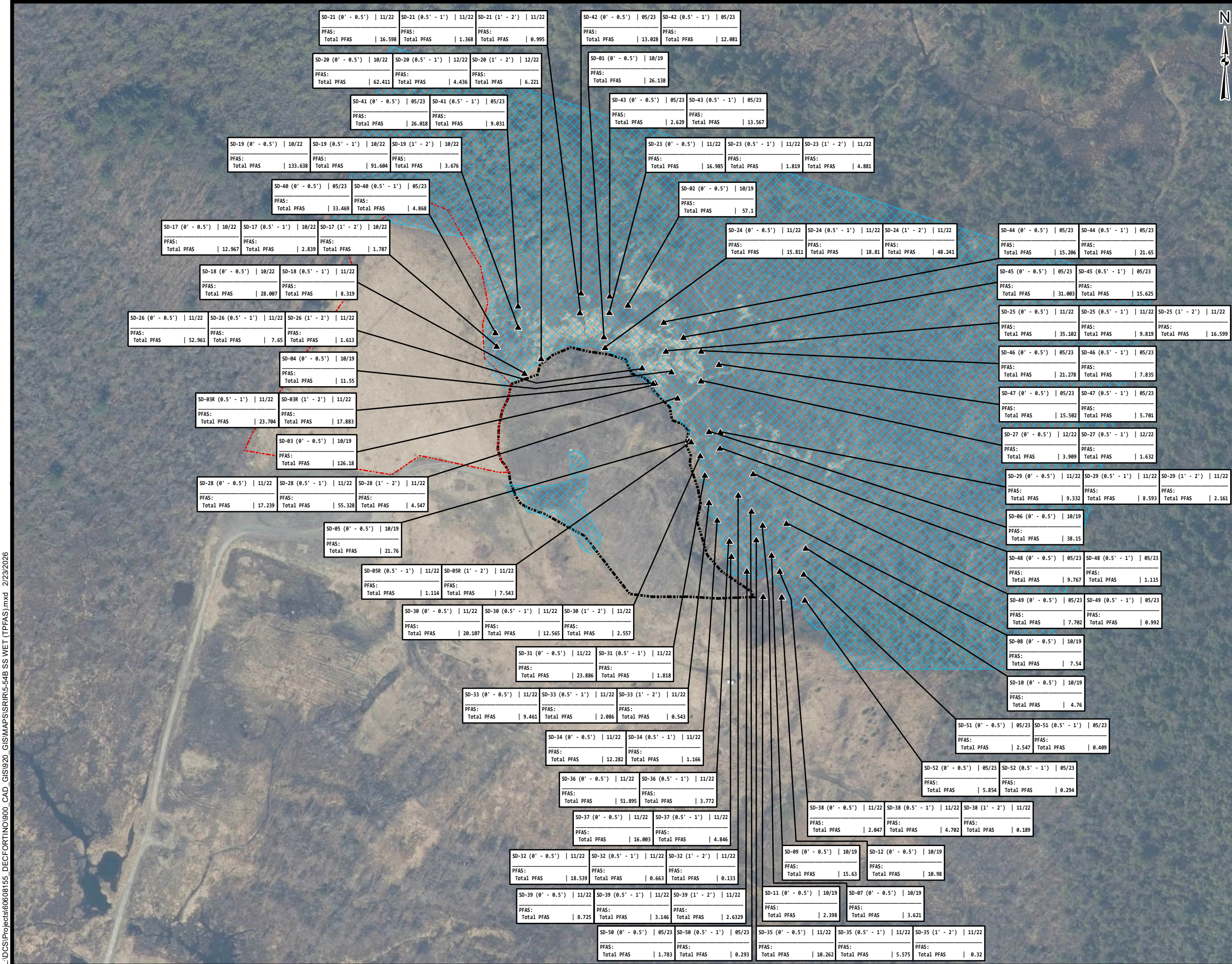
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

UPLAND SURFACE SOIL (TOTAL PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-54A SS UP (TPFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/23/2026	FIGURE NO.: 5-54A

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Legend

▲

 Surface Soil Sample Location

Approximate Extent of Town of Monroe Municipal Waste Landfill

Limits of Site (ASR Waste)

Delineated Wetland

Location ID	Depth (feet)	Date
SD-35 (1' - 2') 11/22		
PFAS:		
Total PFAS		0.32
Parameter		Concentration

NOTE:
Units are shown in µg/kg.

SOURCE:
NYS ITS GIS Program Office, 2020

200

0

200

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

WETLAND SURFACE SOIL
(TOTAL PFAS)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
5-54B SS WET (TPFAS)

DRAWN:
ML

PROJECT NO.:
60629330

DATE:
2/23/2026

FIGURE NO.:
5-54B

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SD-16 (0' - 0.5')					CRIT 1	CRIT 2	CRIT 3	10/19
Pesticides:								
p,p'-DDE		0.0033	0.78	9.3	0.0041			
Metals:								
Chromium (total)		1	1	19	10.1			
Iron		2000	2000	--	7920			

SD-15 (0' - 0.5')				
	CRIT 1	CRIT 2	CRIT 3	10/19
Metals:				
Chromium (total)	1	1	19	8.7
Iron	2000	2000	--	10900
Mercury	0.18	0.3	0.73	0.2
Zinc	109	1300	2480	131

SD-14 (0' - 0.5')					CRIT 1	CRIT 2	CRIT 3	10/19
Pesticides:								
p,p'-DDD		0.0033	1.2	14	0.0054			
p,p'-DDT		0.0033	0.78	135	0.0079			
Metals:								
Calcium		10000	--	--	10200			
Chromium (total)		1	1	19	7.6			
Iron		2000	2000	--	11300			
PFAS:								
PFOS		0.88	8.8	1	1.3			

SD-13 (0' - 0.5')		CRIT 1	CRIT 2	CRIT 3	10/19
Pesticides:					
p,p'-DDT	0.0033	0.78	135	0.0047	
Metals:					
Chromium (total)	1	1	19	4.9	
Iron	2000	2000	--	4930	
PFAS:					
PFOS	0.88	8.8	1	0.95	

- Legend
- Sediment Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)
- Delineated Wetland

Location ID	Depth (feet)	Criteria (1)	Criteria (2)	Criteria (3)	Date
SD-16 (0' - 0.5')					
Pesticides:					
p,p'-DDE		0.0033	0.78	9.3	0.0041
Parameter		Concentration			

NOTE:
Units are shown in mg/kg.

CRITERIA:
CRIT = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives, Effective 12/31/25, including CP-51 Table 1, Effective 12/2/10, and April 2023 PFAS Guidance Values.
(1) Unrestricted Use
(2) Residential Use
(3) Protection of Groundwater

SOURCE:
NYS ITS GIS Program Office, 2020

150

0

150

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SEDIMENT ANALYTICAL EXCEEDANCES

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME:
5-55 SD EXCEEDANCES

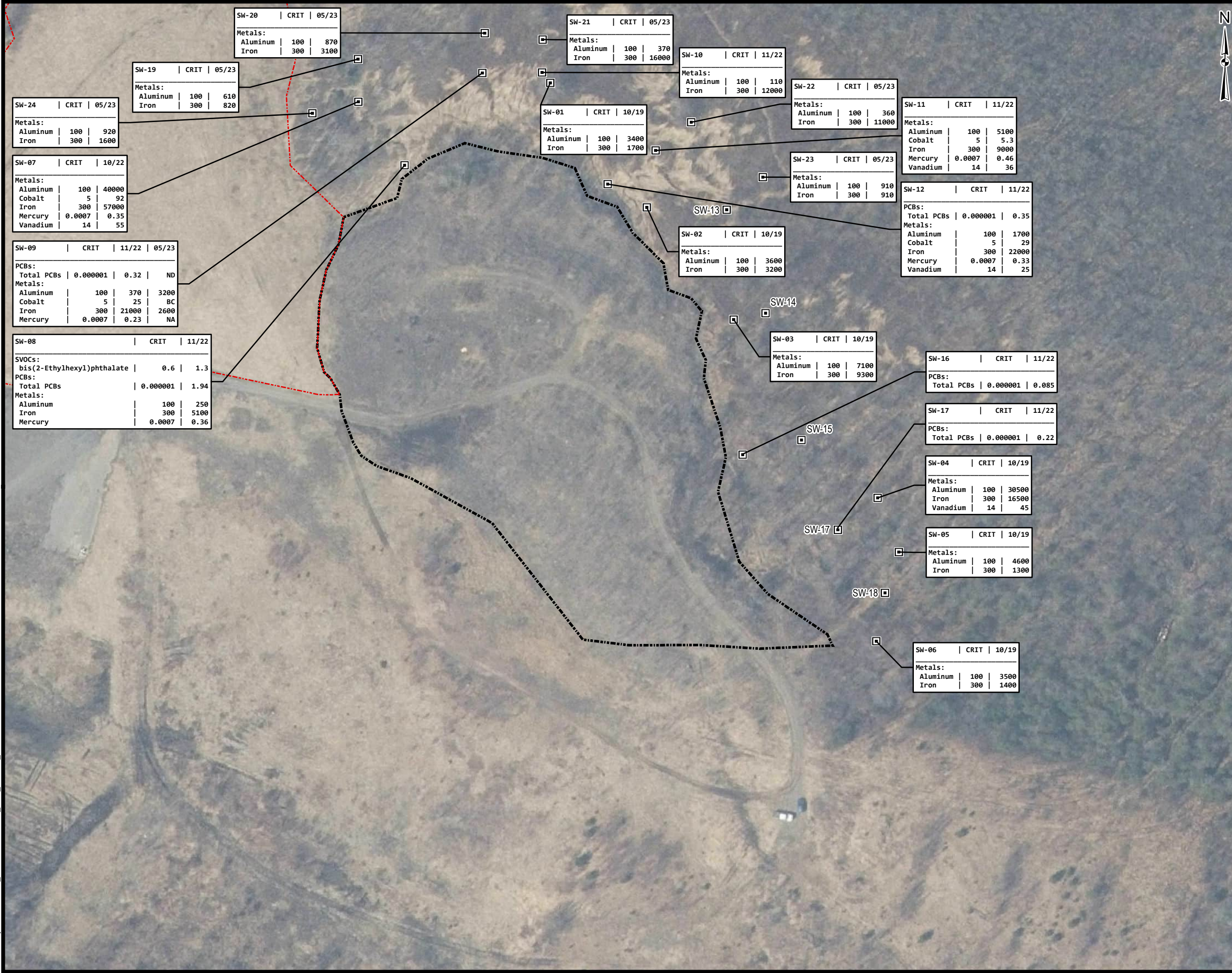
DRAWN:
ML

PROJECT NO.:
60629330

DATE:
2/16/2026

FIGURE NO.:
5-55

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Legend

- Surface Water Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)

Location ID	Criteria	Date
SW-06	CRIT	10/19
Metals:		
Iron	300	1400

Parameter Concentration

NOTE:
Units are shown in µg/L, except for Per- and Polyfluoroalkyl Substances which are shown in ng/L.

CRITERIA:
CRIT = NYSDEC TOGS (1.1.1), Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations. June 2004, Class C, including February 2023 Addendum.

SOURCES:
NYS ITS GIS Program Office, 2020

100000Feet

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

SURFACE WATER CLASS C SCGS
ANALYTICAL EXCEEDANCES

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-56 SW EXCEEDANCES	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-56

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Legend

- Surface Water Sample Location
- Approximate Extent of Town of Monroe Municipal Waste Landfill
- Limits of Site (ASR Waste)

Location ID	Date
SW-06	10/19
PFAS:	
Total PFAS 17.73	
Parameter	Concentration

NOTE:
Units are shown in ng/L.

SOURCES:
NYS ITS GIS Program Office, 2020

1000100

Feet

AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**SURFACE WATER
(TOTAL PFAS)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-57 SW (TPFAS)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-57

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MW-107	CRIT	11/19
Pesticides:		
alpha-BHC	0.01	0.015
Metals:		
Iron	300	780
Manganese	300	400
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	130
Perfluorooctanoic acid (PFOA)	6.7	54

FT-MW-101	CRIT	11/19
VOCs:		
Xylene (total)	5	9.6
SVOCs:		
1,4-Dioxane	0.35	0.39
Metals:		
Barium	1000	3000
Iron	300	22500
Lead	25	27
Sodium	20000	78300
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	77
Perfluorooctanoic acid (PFOA)	6.7	160

FT-MW-102	CRIT	11/19
VOCs:		
Benzene	1	5.3
Pesticides:		
beta-BHC	0.04	0.13
delta-BHC	0.04	0.065
PCBs:		
Total PCBs	0.09	0.24
Metals:		
Barium	1000	2700
Iron	300	11100
Sodium	20000	33700
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	74
Perfluorooctanoic acid (PFOA)	6.7	64

MW-114	CRIT	11/19
Metals:		
Manganese	300	690
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	38
Perfluorooctanoic acid (PFOA)	6.7	97

FT-MW-105	CRIT	11/19
PCBs:		
Total PCBs	0.09	0.26
Metals:		
Iron	300	25200
Manganese	300	890
PFAS:		
Perfluorooctanoic acid (PFOA)	6.7	13

MW-113	CRIT	11/19
Metals:		
Iron	300	450
Manganese	300	500
PFAS:		
Perfluorooctanoic acid (PFOA)	6.7	25

FT-MW-106	CRIT	11/19
Metals:		
Iron	300	2300
Manganese	300	4700
Sodium	20000	36100
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	4.3
Perfluorooctanoic acid (PFOA)	6.7	30

FT-MW-001	CRIT	11/19
Metals:		
Iron	300	5900
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	50
Perfluorooctanoic acid (PFOA)	6.7	87

MW-108	CRIT	11/19
SVOCs:		
1,4-Dioxane	0.35	1.3
Pesticides:		
delta-BHC	0.04	0.047
Metals:		
Arsenic	25	37
Iron	300	7900
Manganese	300	1400
Sodium	20000	119000
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	39
Perfluorooctanoic acid (PFOA)	6.7	68

FT-MW-103	CRIT	11/19
VOCs:		
Benzene	1	5.2
SVOCs:		
1,4-Dioxane	0.35	0.48
Pesticides:		
beta-BHC	0.04	0.33
delta-BHC	0.04	0.22
Endrin	ND	0.089
PCBs:		
Total PCBs	0.09	0.55
Metals:		
Barium	1000	1400
Iron	300	7100
Lead	25	92
Nickel	100	190
Sodium	20000	121000
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	180
Perfluorooctanoic acid (PFOA)	6.7	320

MW-109	CRIT	11/19
SVOCs:		
1,4-Dioxane	0.35	0.97
Pesticides:		
delta-BHC	0.04	0.053
Dieldrin	0.004	0.028
Metals:		
Iron	300	4400
Manganese	300	3600
Sodium	20000	128000
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	4
Perfluorooctanoic acid (PFOA)	6.7	51

MW-110	CRIT	11/19
SVOCs:		
1,4-Dioxane	0.35	0.89
Metals:		
Iron	300	620
Manganese	300	1000

MW-111

FT-MW-104	CRIT	11/19
Pesticides:		
delta-BHC	0.04	0.061
Dieldrin	0.004	0.011
Endrin	ND	0.031
Metals:		
Iron	300	42700
Manganese	300	13500
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	55
Perfluorooctanoic acid (PFOA)	6.7	29

MW-112	CRIT	11/19
Metals:		
Iron	300	560
Magnesium	35000	47200
Manganese	300	2100
Pesticides:		
Aldrin	ND	0.016
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	12
Perfluorooctanoic acid (PFOA)	6.7	20



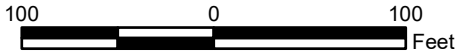
- Legend**
- Monitoring Well
 - Approximate Extent of Town of Monroe
 - Municipal Waste Landfill
 - Limits of Site (ASR Waste)

Location ID	Criteria	Date
MW-110	CRIT	11/19
Metals:		
Iron	300	620
Parameter		Concentration

NOTE:
Units are shown in µg/L, except for Per- and Polyfluoroalkyl Substances (PFAS) which are shown in ng/L.

CRITERIA:
CRIT = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA, including February 2023 Addendum.

SOURCE:
NYS ITS GIS Program Office, 2020



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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

**GROUNDWATER ANALYTICAL EXCEEDANCES
(NOVEMBER 2019)**

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-58 GW EXCEEDANCES (2019)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-58

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FT-MW-101			CRIT	06/20
VOCs:				
Benzene	1	5.8		
Xylene (total)	5	12		
SVOCs:				
1,4-Dioxane	0.35	0.41		
PCBs:				
Total PCBs	0.09	0.42		
Metals:				
Barium	1000	2500		
Iron	300	17200		
Lead	25	27		
Sodium	20000	86800		
PFAS:				
Perfluorooctanesulfonic acid (PFOS)	2.7	53		
Perfluorooctanoic acid (PFOA)	6.7	170		

MW-107			CRIT	06/20
Metals:				
Magnesium	35000	38300		
PFAS:				
Perfluorooctanesulfonic acid (PFOS)	2.7	130		
Perfluorooctanoic acid (PFOA)	6.7	56		

FT-MW-102			CRIT	06/20
VOCs:				
Benzene	1	5.7		
PCBs:				
Total PCBs	0.09	0.48		
Metals:				
Barium	1000	2700		
Iron	300	12100		
Sodium	20000	26700		
PFAS:				
Perfluorooctanesulfonic acid (PFOS)	2.7	66		
Perfluorooctanoic acid (PFOA)	6.7	60		

MW-114			CRIT	06/20
PFAS:				
Perfluorooctanoic acid (PFOA)	6.7	8.3		

FT-MW-105			CRIT	06/20
VOCs:				
Benzene	1	1.5		
Pesticides:				
alpha-BHC	0.01	0.012		
beta-BHC	0.04	0.041		
PCBs:				
Total PCBs	0.09	1		
Metals:				
Iron	300	23600		
Manganese	300	710		
PFAS:				
Perfluorooctanesulfonic acid (PFOS)	2.7	54		
Perfluorooctanoic acid (PFOA)	6.7	33		

MW-113			CRIT	06/20
SVOCs:				
2,6-Dinitrotoluene	5	19		
Metals:				
Iron	300	960		
Manganese	300	470		
PFAS:				
Perfluorooctanoic acid (PFOA)	6.7	26		

FT-MW-106			CRIT	06/20
Metals:				
Iron	300	480		
Manganese	300	4400		
Sodium	20000	22500		
PFAS:				
Perfluorooctanesulfonic acid (PFOS)	2.7	2.8		
Perfluorooctanoic acid (PFOA)	6.7	35		

MW-112			CRIT	06/20
Metals:				
Iron	300	2700		
Magnesium	35000	44900		
Manganese	300	850		
PFAS:				
Perfluorooctanesulfonic acid (PFOS)	2.7	12		
Perfluorooctanoic acid (PFOA)	6.7	18		

FT-MW-001			CRIT	06/20
Metals:				
Iron	300	5500		
Manganese	300	330		

MW-108			CRIT	06/20
SVOCs:				
1,4-Dioxane	0.35	2.9		
Metals:				
Arsenic	25	56		
Iron	300	20200		
Lead	25	31		
Manganese	300	2900		
Sodium	20000	205000		
PFAS:				
Perfluorooctanesulfonic acid (PFOS)	2.7	60		
Perfluorooctanoic acid (PFOA)	6.7	170		

FT-MW-103			CRIT	06/20
VOCs:				
Benzene	1	7.5		
SVOCs:				
1,4-Dioxane	0.35	0.42		
PCBs:				
Total PCBs	0.09	0.55		
Metals:				
Barium	1000	1600		
Iron	300	7800		
Lead	25	49		
Sodium	20000	114000		
PFAS:				
Perfluorooctanesulfonic acid (PFOS)	2.7	160		
Perfluorooctanoic acid (PFOA)	6.7	310		

MW-109			CRIT	06/20
SVOCs:				
1,4-Dioxane	0.35	0.67		
Pesticides:				
Dieldrin	0.004	0.01		
Metals:				
Iron	300	3600		
Manganese	300	2500		
Sodium	20000	122000		
PFAS:				
Perfluorooctanesulfonic acid (PFOS)	2.7	34		
Perfluorooctanoic acid (PFOA)	6.7	110		

FT-MW-104			CRIT	06/20
Metals:				
Iron	300	43800		
Manganese	300	13500		
PFAS:				
Perfluorooctanesulfonic acid (PFOS)	2.7	33		
Perfluorooctanoic acid (PFOA)	6.7	84		

MW-110			CRIT	06/20
SVOCs:				
1,4-Dioxane	0.35	0.88		
Metals:				
Iron	300	1800		
Magnesium	35000	40600		
Manganese	300	320		
PFAS:				
Perfluorooctanoic acid (PFOA)	6.7	58		

MW-111			CRIT	06/20
SVOCs:				
4-Methylphenol (p-cresol)	1	2.4		



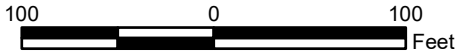
- Monitoring Well
- Approximate Extent of Town of Monroe
- Municipal Waste Landfill
- Limits of Site (ASR Waste)

Location ID	Criteria	Date
MW-110	CRIT	11/19
Metals:		
Iron	300	620
Parameter		Concentration

NOTE:
Units are shown in µg/L, except for Per- and Polyfluoroalkyl Substances (PFAS) which are shown in ng/L.

CRITERIA:
CRIT = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA, including February 2023 Addendum.

SOURCE:
NYS ITS GIS Program Office, 2020



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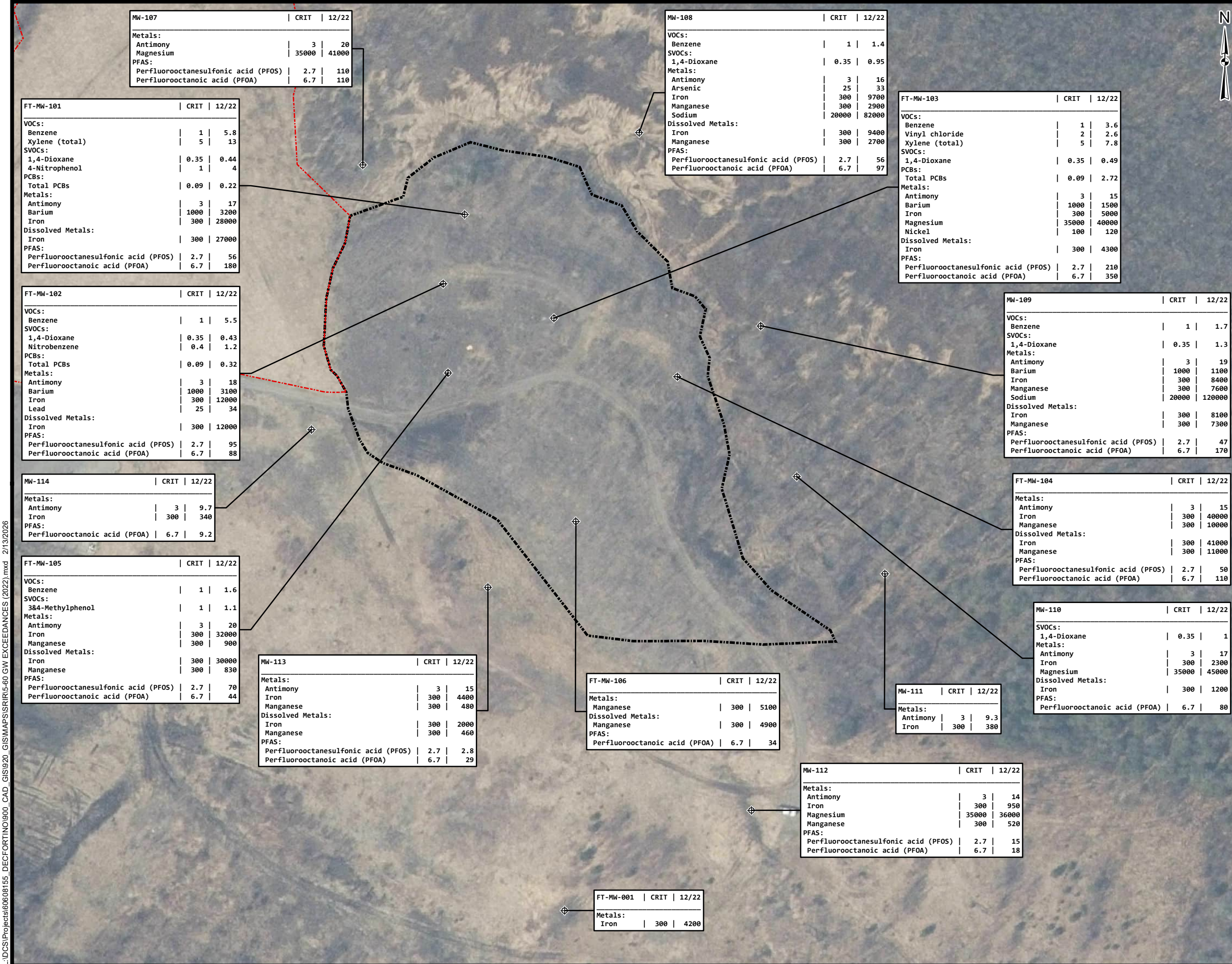
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

GROUNDWATER ANALYTICAL EXCEEDANCES
(JUNE 2020)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-59 GW EXCEEDANCES (2020)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-59

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Legend

- Monitoring Well
- Approximate Extent of Town of Monroe
- Limits of Site (ASR Waste)

Location ID	Criteria	Date
MW-110	CRIT	11/19
Metals:		
Iron	300	620

Parameter Concentration

NOTE:
Units are shown in µg/L, except for Per- and Polyfluoroalkyl Substances (PFAS) which are shown in ng/L.

CRITERIA:
CRIT = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA, including February 2023 Addendum.

SOURCE:
NYS ITS GIS Program Office, 2020

100 0 100 Feet

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

GROUNDWATER ANALYTICAL EXCEEDANCES (DECEMBER 2022)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-60 GW EXCEEDANCES (2022)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-60

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MW-108	CRIT	05/23
SVOCs:		
1,4-Dioxane	0.35	1.2
Metals:		
Arsenic	25	40
Iron	300	11000
Manganese	300	2600
Sodium	20000	110000
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	48
Perfluorooctanoic acid (PFOA)	6.7	120

MW-107	CRIT	05/23
Metals:		
Magnesium	35000	37000
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	41
Perfluorooctanoic acid (PFOA)	6.7	75

MW-103R	CRIT	05/23
VOCs:		
Benzene	1	3.9
SVOCs:		
bis(2-Ethylhexyl)phthalate	5	6.6
PCBs:		
Total PCBs	0.09	0.41
Metals:		
Cadmium	5	12
Chromium	50	71
Copper	200	310
Iron	300	79000
Lead	25	710
Manganese	300	13000
Sodium	20000	81000
Zinc	2000	2400
Dissolved Metals:		
Iron	300	2000
Manganese	300	13000
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	31
Perfluorooctanoic acid (PFOA)	6.7	120

MW-113	CRIT	05/23
Metals:		
Iron	300	10000
Manganese	300	580
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	3
Perfluorooctanoic acid (PFOA)	6.7	17

MW-121	CRIT	05/23
Metals:		
Iron	300	13000
Magnesium	35000	64000

MW-115	CRIT	05/23
Metals:		
Iron	300	670
Dissolved Metals:		
Iron	300	670

MW-116	CRIT	05/23
Metals:		
Arsenic	25	35
Iron	300	59000
Magnesium	35000	110000
Sodium	20000	22000

MW-118	CRIT	05/23
SVOCs:		
1,4-Dioxane	0.35	6.3
Metals:		
Iron	300	870
Manganese	300	870
Sodium	20000	240000
Dissolved Metals:		
Iron	300	870
Manganese	300	870
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	13
Perfluorooctanoic acid (PFOA)	6.7	140

MW-117	CRIT	05/23
VOCs:		
Methyl ethyl ketone (2-Butanone)	50	150
SVOCs:		
1,4-Dioxane	0.35	7.3
Metals:		
Iron	300	1100
Manganese	300	1400
Sodium	20000	300000
Dissolved Metals:		
Iron	300	970
Manganese	300	1400
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	19
Perfluorooctanoic acid (PFOA)	6.7	150

MW-109	CRIT	05/23
SVOCs:		
1,4-Dioxane	0.35	0.59
Metals:		
Iron	300	3900
Manganese	300	3300
Sodium	20000	110000
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	31
Perfluorooctanoic acid (PFOA)	6.7	95

MW-119	CRIT	05/23
SVOCs:		
1,4-Dioxane	0.35	0.48
Metals:		
Arsenic	25	43
Barium	1000	2000
Iron	300	34000
Magnesium	35000	51000
Manganese	300	4400
Sodium	20000	53000
Dissolved Metals:		
Iron	300	33000
Manganese	300	4400
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	36
Perfluorooctanoic acid (PFOA)	6.7	120

MW-120	CRIT	05/23
SVOCs:		
1,4-Dioxane	0.35	0.73
Metals:		
Manganese	300	1300
Sodium	20000	35000
Dissolved Metals:		
Manganese	300	1200
PFAS:		
Perfluorooctanoic acid (PFOA)	6.7	31

MW-112	CRIT	05/23
Metals:		
Iron	300	1300
Manganese	300	410
PFAS:		
Perfluorooctanesulfonic acid (PFOS)	2.7	11
Perfluorooctanoic acid (PFOA)	6.7	13

MW-122	CRIT	05/23
Metals:		
Manganese	300	670
Dissolved Metals:		
Manganese	300	630
PFAS:		
Perfluorooctanoic acid (PFOA)	6.7	14

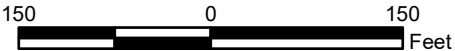
- Legend
- Monitoring Well
- Monitoring Well (Not Sampled)
- Approximate Extent of Town of Monroe
- Municipal Waste Landfill
- Limits of Site (ASR Waste)

Location ID	Criteria	Date
MW-110	CRIT	11/19
Metals:		
Iron	300	620
Parameter		Concentration

NOTE:
Units are shown in µg/L, except for Per- and Polyfluoroalkyl Substances (PFAS) which are shown in ng/L.

CRITERIA:
CRIT = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 2004, Class GA, including February 2023 Addendum.

SOURCE:
NYS ITS GIS Program Office, 2020



AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORTINO TIRE LANDFILL SITE

GROUNDWATER ANALYTICAL EXCEEDANCES
(MAY 2023)

PINNACLE ROAD SPUR
WEST MONROE, NEW YORK

FILE NAME: 5-61 GW EXCEEDANCES (2023)	DRAWN: ML	PROJECT NO.: 60629330	DATE: 2/13/2026	FIGURE NO.: 5-61

Tables

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
Surface Soil Samples																				
SS-01	SS-01-00-0.5	Soil	1	1	1		1	1			1					1	1	1		1
	SS-01-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-02	SS-02-00-0.5	Soil	1	1	1		1	1			1					1	1	1		1
	SS-02-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-03	SS-03-00-0.5	Soil	1	1	1		1	1			1					1	1	1		1
	SS-03-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-04	SS-04-00-0.5	Soil	1	1	1		1	1			1					1	1	1		1
	SS-04-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-05	SS-05-00-0.5	Soil	1	1	1		1	1			1					1	1	1		1
	SS-05-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-06	SS-06-00-0.5	Soil	1	1	1		1	1			1					1	1	1		1
	SS-06-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-07	SS-07-00-0.5	Soil	1	1	1		1	1			1					1		1		1
	SS-07-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-08	SS-08-00-0.5	Soil	1	1	1		1	1			1					1		1		1
	SS-08-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-09	SS-09-00-0.5	Soil	1	1	1		1	1			1					1		1		1
	SS-09-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-10	SS-10-00-0.5	Soil	1	1	1		1	1			1					1		1		1
	SS-10-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-11	SS-11-00-0.5	Soil	1	1	1		1	1			1					1		1		1
	SS-11-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-12	SS-12-00-0.5	Soil	1	1	1		1	1			1					1		1		1
	SS-12-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-13	SS-13-00-0.5	Soil	1	1	1		1	1			1					1		1		1
	SS-13-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-14	SS-14-00-0.5	Soil	1	1	1		1	1			1					1		1		1
	SS-14-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-15	SS-15-00-0.5	Soil	1	1	1		1	1			1					1		1		1
	SS-15-0.5-01	Soil	1	1	1		1	1			1					1		1		1
SS-16	SS-16-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-16-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-17	SS-17-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-17-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-18	SS-18-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-18-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-19	SS-19-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-19-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-20	SS-20-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-20-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-21	SS-21-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-21-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-22	SS-22-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-22-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-23	SS-23-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-23-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-24	SS-24-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-24-2-12	Soil	1	1	1		1	1			1					1			1	1

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
SS-25	SS-25-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-25-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-26	SS-26-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-26-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-27	SS-27-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-27-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-28	SS-28-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-28-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-29	SS-29-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-29-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-30	SS-30-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-30-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-31	SS-31-0-2	Soil	1	1	1		1	1			1					1			1	1
	SS-31-2-12	Soil	1	1	1		1	1			1					1			1	1
SS-05R	SS-07R-12-24	Soil	1	1	1		1	1			1					1			1	1
SS-07R	SS-05R-12-24	Soil	1	1	1		1	1			1					1			1	1
SS-32	SS-32-0-2	Soil		1	1			1											1	
	SS-32-2-12	Soil		1	1			1											1	
	SS-32-12-24	Soil		1	1			1											1	
SS-33	SS-33-0-2	Soil			1			1			1								1	
	SS-33-2-12	Soil			1			1			1								1	
	SS-33-12-24	Soil			1			1			1								1	
SS-34	SS-34-0-2	Soil			1			1											1	
	SS-34-2-12	Soil			1			1											1	
	SS-34-12-24	Soil			1			1											1	
SS-35	SS-35-0-2	Soil		1	1			1			1								1	
	SS-35-2-12	Soil		1	1			1			1								1	
	SS-35-12-24	Soil		1	1			1			1								1	
SS-36	SS-36-0-2	Soil		1	1			1			1								1	
	SS-36-2-12	Soil		1	1			1			1								1	
	SS-36-12-24	Soil		1	1			1			1								1	
SS-37	SS-37-0-2	Soil		1	1			1			1								1	
	SS-37-2-12	Soil		1	1			1			1								1	
	SS-37-12-24	Soil		1	1			1			1								1	
	SS-37-24-36	Soil		1	1			1			1								1	
SS-38	SS-38-0-2	Soil		1	1			1			1								1	
	SS-38-2-12	Soil		1	1			1			1								1	
	SS-38-12-24	Soil		1	1			1			1								1	
SS-39	SS-39-0-2	Soil		1	1			1			1								1	
	SS-39-2-12	Soil		1	1			1			1								1	
	SS-39-12-24	Soil		1	1			1			1								1	
SS-40	SS-40-0-2	Soil		1	1			1			1								1	
	SS-40-2-12	Soil		1	1			1			1								1	
	SS-40-12-24	Soil		1	1			1			1								1	
SS-41	SS-41-0-2	Soil																	1	
	SS-41-2-12	Soil																	1	
	SS-41-12-24	Soil																	1	
Totals	43	95	64	86	92	0	64	92	0	0	86	0	0	0	0	64	6	30	65	64

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
Soil Borings - Soil Samples																				
SB-01	SB-01-0506	Soil	1	1	1		1	1			1					1		1		1
	SB-01-1920	Soil	1	1	1		1	1			1					1		1		1
SB-02	SB-02-0506	Soil	1	1	1		1	1			1					1		1		1
	SB-02-1920	Soil	1	1	1		1	1			1					1		1		1
SB-03	SB-03-0506	Soil	1	1	1		1	1			1					1		1		1
	SB-03-1920	Soil	1	1	1		1	1			1					1		1		1
SB-04	SB-04-0103	Soil	1	1	1		1	1			1					1		1		1
	SB-04-1920	Soil	1	1	1		1	1			1					1		1		1
SB-05	SB-05-0506	Soil	1	1	1		1	1			1					1		1		1
	SB-05-1920	Soil	1	1	1		1	1			1					1		1		1
SB-06	SB-06-0103	Soil	1	1	1		1	1			1					1		1		1
	SB-06-1920	Soil	1	1	1		1	1			1					1		1		1
SB-07	SB-07-1213	Soil	1	1	1		1	1			1					1		1		1
	SB-07-2930	Soil	1	1	1		1	1			1					1		1		1
SB-08	SB-08-05-1.0*	Soil		1	1						1									
	SB-08-0304	Soil	1	1	1		1	1			1					1		1		1
	SB-08-1920	Soil	1	1	1		1	1			1					1		1		1
SB-09	SB-09-0506	Soil	1	1	1		1	1			1					1		1		1
	SB-09-1920	Soil	1	1	1		1	1			1					1		1		1
SB-10	SB-10-2223	Soil	1	1	1		1	1			1					1		1		1
	SB-10-2930	Soil	1	1	1		1	1			1					1		1		1
SB-11	SB-11-0506	Soil	1	1	1		1	1			1					1		1		1
	SB-11-1920	Soil	1	1	1		1	1			1					1		1		1
SB-12	SB-12-0506	Soil	1	1	1		1	1			1					1		1		1
	SB-12-1920	Soil	1	1	1		1	1			1					1		1		1
SB-13	NS	Soil	NS	NS	NS		NS	NS			NS					NS		NS		NS
SB-14	SB-14-0-2	Soil									1									
	SB-14-2-4	Soil									1									
	SB-14-6-8	Soil									1									
	SB-14-10-12	Soil									1									
SB-15	SB-15-0-2	Soil									1									
	SB-15-2-4	Soil									1									
	SB-15-6-8	Soil									1									
SB-16	SB-16-0-2	Soil									1									
	SB-16-2-4	Soil	1	1	1		1	1			1					1			1	1
	SB-16-6-8	Soil									1									
	SB-16-10-12	Soil	1	1	1		1	1			1					1			1	1
	SB-16-14-16	Soil									1									
	SB-16-18-20	Soil									1									
SB-17	SB-17-0-2	Soil									1									
	SB-17-2-4	Soil	1	1	1		1	1			1					1			1	1
	SB-17-6-8	Soil									1									
	SB-17-10-12	Soil	1	1	1		1	1			1					1			1	1
SB-18	SB-17-13-15	Soil									1									
	SB-18-0-2	Soil									1									
	SB-18-2-4	Soil									1									
	SB-18-6-8	Soil									1									
SB-18	SB-18-11-13	Soil									1									

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
SB-19	SB-19-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-19-2-4	Soil									1									
	SB-19-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-19-10-12	Soil									1									
SB-20	SB-20-0-2	Soil									1									
	SB-20-2-4	Soil	1	1	1		1	1			1					1			1	1
	SB-20-6-8	Soil									1									
	SB-20-8.5-10	Soil	1	1	1		1	1			1					1			1	1
SB-21	SB-21-0-2	Soil									1									
	SB-21-2-4	Soil									1									
	SB-21-4.2-5	Soil									1									
SB-22	SB-22-0-2	Soil									1									
	SB-22-2-4	Soil									1									
	SB-22-6-8	Soil									1									
	SB-22-10-12	Soil									1									
	SB-22-14-16	Soil									1									
	SB-22-18-20	Soil									1									
	SB-22-23-24	Soil									1									
SB-23	SB-23-0-2	Soil									1									
	SB-23-2-4	Soil									1									
	SB-23-6-8	Soil									1									
	SB-23-10-12	Soil									1									
	SB-23-14-16	Soil									1									
	SB-23-18-20	Soil									1									
SB-24	SB-23-24-25	Soil									1									
	SB-24-0-2	Soil									1									
	SB-24-2-4	Soil									1									
	SB-24-6-8	Soil									1									
	SB-24-10-12	Soil									1									
	SB-24-14-16	Soil									1									
	SB-24-18-20	Soil									1									
SB-25	SB-24-23-24	Soil									1									
	SB-25-0-2	Soil									1									
	SB-25-2-4	Soil									1									
	SB-25-6-8	Soil									1									
	SB-25-10-12	Soil									1									
SB-26	SB-25-12.5-14	Soil									1									
	SB-26-0-1	Soil									1									
SB-27	SB-26-1.2-1.8	Soil									1									
	SB-27-0-2	Soil	1	1	1		1	1			1					1			1	1
SB-28	SB-27-2-4	Soil									1									
	SB-28-0-2	Soil									1									
SB-28	SB-28-2-4	Soil									1									
	SB-28-6-8	Soil									1									
	SB-28-10-12	Soil									1									
	SB-28-14-15	Soil									1									

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
SB-29	SB-29-0-2	Soil									1									
	SB-29-2-4	Soil									1									
	SB-29-6-8	Soil									1									
	SB-29-10-12	Soil									1									
	SB-29-14-16	Soil									1									
	SB-29-18-20	Soil									1									
	SB-29-22-24	Soil									1									
SB-30	SB-30-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-30-2-4	Soil									1									
	SB-30-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-30-10-12	Soil									1									
	SB-30-14-16	Soil									1									
	SB-30-18-20	Soil									1									
SB-31	SB-30-22.5-24	Soil	1	1	1		1	1			1					1			1	1
	SB-31-0-2	Soil									1									
	SB-31-2-4	Soil									1									
	SB-31-6-8	Soil									1									
	SB-31-10-12	Soil									1									
	SB-31-14-16	Soil									1									
SB-32	SB-31-18-20	Soil									1									
	SB-31-21-22	Soil									1									
	SB-32-0-2	Soil									1									
	SB-32-2-4	Soil	1	1	1		1	1			1					1			1	1
	SB-32-6-8	Soil									1									
	SB-32-10-12	Soil	1	1	1		1	1			1					1			1	1
SB-33	SB-32-14-16	Soil									1									
	SB-32-19-20	Soil									1									
	SB-33-0-2	Soil									1									
	SB-33-2-4	Soil									1									
	SB-33-6-8	Soil									1									
	SB-33-10-12	Soil									1									
SB-34	SB-33-14-16	Soil									1									
	SB-33-18-20	Soil									1									
	SB-34-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-34-2-4	Soil									1									
SB-35	SB-34-6-8	Soil									1									
	SB-34-11-13	Soil	1	1	1		1	1			1					1			1	1
SB-36	SB-35-0-0.5	Soil									1									
	SB-35-0.8-1	Soil									1									
SB-37	SB-36-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-36-2-4	Soil									1									
SB-38	SB-37-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-37-2-4	Soil									1									
SB-38	SB-38-0-2	Soil									1									
	SB-38-2-4	Soil									1									
	SB-38-6-8	Soil									1									
	SB-38-10-12	Soil									1									
	SB-38-13.7-14.1	Soil									1									
	SB-38-18-19	Soil									1									

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
SB-39	SB-39-0-2	Soil									1									
	SB-39-2-4	Soil									1									
	SB-39-6-8	Soil									1									
	SB-39-10-12	Soil									1									
	SB-39-12-14	Soil									1									
	SB-39-18-20	Soil									1									
SB-40	SB-40-0-2	Soil									1									
	SB-40-2-4	Soil									1									
	SB-40-6-8	Soil									1									
	SB-40-10-12	Soil									1									
SB-41	SB-41-0-2	Soil									1									
	SB-41-2-4	Soil									1									
	SB-41-6-8	Soil									1									
	SB-41-8.5-10	Soil									1									
SB-42	SB-42-0-2	Soil									1									
	SB-42-2-4	Soil									1									
SB-43	SB-43-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-43-2-4	Soil									1									
	SB-43-7-8	Soil	1	1	1		1	1			1					1			1	1
	SB-43-12-14	Soil	1	1	1		1	1			1					1			1	1
SB-44	SB-44-0-2	Soil									1									
	SB-44-2-4	Soil									1									
	SB-44-6-8	Soil									1									
	SB-44-10-12	Soil									1									
	SB-44-12.5-13	Soil									1									
SB-45	SB-45-0-2	Soil									1									
	SB-45-2-4	Soil									1									
	SB-45-6-8	Soil									1									
	SB-45-10-12	Soil									1									
	SB-45-17.5-18	Soil									1									
SB-46	SB-46-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-46-2-4	Soil									1									
	SB-46-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-46-10-12	Soil									1									
	SB-46-14-16	Soil	1	1	1		1	1			1					1			1	1
SB-47	SB-47-0-2	Soil									1									
	SB-47-2-4	Soil									1									
	SB-47-6-8	Soil									1									
	SB-47-13-14	Soil									1									
SB-48	SB-48-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-48-2-4	Soil									1									
	SB-48-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-48-11-13	Soil									1									
SB-49	SB-49-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-49-2-4	Soil									1									
	SB-49-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-49-11-13	Soil									1									
SB-50	SB-50-0-2	Soil									1									
	SB-50-2.7-4	Soil									1									

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
SB-51	SB-51-0-2	Soil									1									
	SB-51-9-10	Soil	1	1	1		1	1			1					1			1	1
SB-52	SB-52-0-2	Soil									1									
	SB-52-2-4	Soil									1									
	SB-52-6-8	Soil									1									
	SB-52-10-12	Soil									1									
	SB-52-18-18.5	Soil									1									
SB-53	SB-53-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-53-2-4	Soil									1									
	SB-53-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-53-10-12	Soil									1									
	SB-53-13.5-14	Soil									1									
SB-54	SB-54-0-2	Soil									1									
	SB-54-2-4	Soil									1									
	SB-54-6-8	Soil									1									
	SB-54-10-12	Soil									1									
	SB-54-14-16	Soil									1									
	SB-54-18-20	Soil									1									
SB-55	SB-55-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-55-2-4	Soil									1									
	SB-55-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-55-10-12	Soil									1									
	SB-55-14-15	Soil	1	1	1		1	1			1					1			1	1
SB-56	SB-56-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-56-3-4	Soil									1									
SB-57	SB-57-0-2	Soil									1									
	SB-57-3-4	Soil									1									
SB-58	SB-58-0-2	Soil									1									
	SB-58-2-4	Soil									1									
	SB-58-6-8	Soil									1									
	SB-58-12-14	Soil									1									
SB-59	SB-59-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-59-2-4	Soil									1									
	SB-59-6-8	Soil									1									
	SB-59-10-12	Soil	1	1	1		1	1			1					1			1	1
SB-59	SB-59-14-16	Soil									1									
	SB-59-18-20	Soil	1	1	1		1	1			1					1			1	1
SB-60	SB-60-0-0.5	Soil									1									
	SB-60-0.8-1	Soil									1									
SB-61	SB-61-0-2	Soil									1									
	SB-61-3-5	Soil	1	1	1		1	1			1					1			1	1
SB-62	SB-62-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-62-2-4	Soil									1									
	SB-62-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-62-9-10	Soil									1									
SB-63	SB-63-0-2	Soil									1									
	SB-63-2-4	Soil									1									
	SB-63-6-8	Soil									1									
	SB-63-12.5-13	Soil									1									

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
SB-64	SB-64-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-64-3.4-4	Soil									1									
SB-65	SB-65-0-2	Soil									1									
	SB-65-3-5	Soil	1	1	1		1	1			1					1			1	1
SB-66	SB-66-0-2	Soil									1									
	SB-66-2-4	Soil									1									
	SB-66-6-8	Soil									1									
	SB-66-9.5-10	Soil									1									
SB-67	SB-67-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-67-2-4	Soil									1									
	SB-67-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-67-10-12	Soil									1									
SB-68	SB-68-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-68-2-4	Soil									1									
	SB-68-6-8	Soil									1									
	SB-68-13.5-14.5	Soil	1	1	1		1	1			1					1			1	1
SB-69	SB-69-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-69-2-4	Soil									1									
	SB-69-6-8	Soil									1									
	SB-69-10-12	Soil	1	1	1		1	1			1					1			1	1
SB-70	SB-70-0-2	Soil									1									
	SB-70-2-4	Soil									1									
	SB-70-6-8	Soil									1									
	SB-70-9-10	Soil									1									
SB-71	SB-71-0-2	Soil									1									
	SB-71-2-4	Soil									1									
	SB-71-6-8	Soil									1									
	SB-71-10-12	Soil									1									
	SB-71-14.5-15	Soil									1									
SB-72	SB-72-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-72-2-4	Soil									1									
	SB-72-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-72-10-12	Soil	1	1	1		1	1			1					1			1	1
SB-73	SB-73-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-73-2-4	Soil									1									
SB-74	SB-74-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-74-3.2-4	Soil									1									
SB-75	SB-75-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-75-2-4	Soil									1									
	SB-75-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-75-8-10	Soil									1									
SB-76	SB-76-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-76-3-4	Soil									1									
SB-77	SB-77-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-77-2-4	Soil									1									
	SB-77-6-8	Soil									1									
	SB-77-10-12	Soil	1	1	1		1	1			1					1			1	1

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
SB-78	SB-78-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-78-2-4	Soil									1									
	SB-78-6-8	Soil									1									
	SB-78-10-12	Soil	1	1	1		1	1			1					1			1	1
	SB-78-12-14	Soil									1									
	SB-78-18.5-19	Soil									1									
	SB-78-20-22	Soil	1	1	1		1	1			1					1			1	1
SB-79	SB-79-0-2	Soil									1									
	SB-79-0-2	Soil	1	1	1		1	1								1			1	1
	SB-79-2-4	Soil									1									
	SB-79-6-8	Soil									1									
	SB-79-10-12	Soil									1									
	SB-79-12-14	Soil									1									
SB-79	SB-79-16-18	Soil									1									
	SB-79-18.5-20	Soil									1									
SB-80	SB-80-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-80-2-4	Soil									1									
	SB-80-6-8	Soil	1	1	1		1	1			1					1			1	1
	SB-80-10-12	Soil									1									
	SB-80-12-14	Soil	1	1	1		1	1			1					1			1	1
	SB-80-16.5-18	Soil									1									
SB-81	SB-81-0-0.5	Soil									1									
	SB-81-1-1.5	Soil	1	1	1		1	1			1					1			1	1
SB-82	SB-82-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-82-3.5-4	Soil									1									
SB-83	SB-83-0-2	Soil									1									
	SB-83-2-4	Soil									1									
	SB-83-7-7.5	Soil									1									
SB-84	SB-84-0-2	Soil	1	1	1		1	1			1					1			1	1
	SB-84-2-4	Soil									1									
	SB-84-6-8	Soil	1	1	1		1	1			1					1			1	1
SB-84	SB-84-9-10	Soil									1									
SB-85	SB-85-0-2	Soil									1									
	SB-85-3-4	Soil									1									
SB-86	SB-86-0-2	Soil		1	1			1			1								1	1
	SB-86-2.5-4.1	Soil		1	1			1			1								1	1
Totals	86	323									323	0	0	0	0	96	0	24	72	96

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



	Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)	
Totals	Test Trenches - Soil Samples																					
	TT-01	TT-01-1.5-2.0	Soil	1	1	1		1	1			1					1		1		1	
	TT-02	TT-02-1.5-2.0	Soil	1	1	1		1	1			1					1		1		1	
	TT-03	TT-03-0.5-1.0	Soil	1	1	1		1	1			1					1		1		1	
	TT-04	TT-04-01-1.5	Soil	1	1	1		1	1			1					1		1		1	
	TT-05	TT-05-01-1.5	Soil	1	1	1		1	1			1					1		1		1	
	TT-06	TT-06-01-1.5	Soil	1	1	1		1	1			1					1		1		1	
	TT-07	TT-07-1.5-02	Soil	1	1	1		1	1			1					1		1		1	
	TT-08	TT-08-1.5-02	Soil	1	1	1		1	1			1					1		1		1	
	TT-09	TT-09-1.5-02	Soil	1	1	1		1	1			1					1		1		1	
	TT-10	TT-10-0.5-01	Soil	1	1	1		1	1			1					1		1		1	
	TT-11	TT-11-2.5-03	Soil	1	1	1		1	1			1					1		1		1	
	TT-12	TT-12-0.5-01	Soil	1	1	1		1	1			1					1		1		1	
	TT-13	TT-13-0.5-01	Soil	1	1	1		1	1			1					1		1		1	
	TT-14	TT-14-0.5-01	Soil	1	1	1		1	1			1					1		1		1	
	TT-15	TT-15-0.5-01	Soil	1	1	1		1	1			1					1		1		1	
	15	15		15	15	15	0	15	15	0	0	15	0	0	0	0	15	0	15	0	15	
	Wetland Surface Soil Samples ¹																					
	SD-01	SD-01-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1
	SD-02	SD-02-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1
	SD-03	SD-03-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1
SD-04	SD-04-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1	
SD-05	SD-05-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1	
SD-06	SD-06-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1	
SD-07	SD-07-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1	
SD-08	SD-08-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1	
SD-09	SD-09-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1	
SD-10	SD-10-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1	
SD-11	SD-11-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1	
SD-12	SD-12-00-0.5	Soil	1	1	1		1	1			1					1	1		1		1	
SD-17	SD-17-0-6	Soil	1	1	1		1	1			1					1	1			1	1	
	SD-17-6-12	Soil	1	1	1		1	1			1						1			1	1	
	SD-17-12-24	Soil	1	1	1		1	1			1						1			1	1	
SD-18	SD-18-0-6	Soil	1	1	1		1	1			1						1			1	1	
	SD-18-6-12	Soil	1	1	1		1	1			1						1			1	1	
SD-19	SD-19-0-6	Soil	1	1	1		1	1			1					1	1			1	1	
	SD-19-6-12	Soil	1	1	1		1	1			1						1			1	1	
	SD-19-12-24	Soil	1	1	1		1	1			1						1			1	1	
SD-20	SD-20-0-6	Soil	1	1	1		1	1			1						1			1	1	
SD-20	SD-20-6-12	Soil	1	1	1		1	1			1						1			1	1	
	SD-20-12-24	Soil	1	1	1		1	1			1						1			1	1	
	SD-21-0-6	Soil	1	1	1		1	1			1						1			1	1	
SD-21	SD-21-6-12	Soil	1	1	1		1	1			1						1			1	1	
	SD-21-12-24	Soil	1	1	1		1	1			1						1			1	1	
SD-22	SD-22-0-6	Soil	1	1	1		1	1			1						1			1	1	
	SD-22-6-12	Soil	1	1	1		1	1			1						1			1	1	

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
SD-23	SD-23-0-6	Soil	1	1	1		1	1			1					1			1	1
	SD-23-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-23-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-24	SD-24-0-6	Soil	1	1	1		1	1			1				1	1			1	1
	SD-24-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-24-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-25	SD-25-0-6	Soil	1	1	1		1	1			1					1			1	1
	SD-25-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-25-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-26	SD-26-0-6	Soil	1	1	1		1	1			1				1	1			1	1
	SD-26-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-26-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-27	SD-27-0-6	Soil	1	1	1		1	1			1					1			1	1
	SD-27-6-12	Soil	1	1	1		1	1			1					1			1	1
SD-28	SD-28-0-6	Soil	1	1	1		1	1			1				1	1			1	1
	SD-28-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-28-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-29	SD-29-0-6	Soil	1	1	1		1	1			1					1			1	1
	SD-29-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-29-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-30	SD-30-0-6	Soil	1	1	1		1	1			1				1	1			1	1
	SD-30-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-30-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-31	SD-31-0-6	Soil	1	1	1		1	1			1				1	1			1	1
	SD-31-6-12	Soil	1	1	1		1	1			1					1			1	1
SD-32	SD-32-0-6	Soil	1	1	1		1	1			1					1			1	1
	SD-32-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-32-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-33	SD-33-0-6	Soil	1	1	1		1	1			1				1	1			1	1
	SD-33-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-33-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-34	SD-34-0-6	Soil	1	1	1		1	1			1				1	1			1	1
	SD-34-6-12	Soil	1	1	1		1	1			1					1			1	1
SD-35	SD-35-0-6	Soil	1	1	1		1	1			1					1			1	1
	SD-35-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-35-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-36	SD-36-0-6	Soil	1	1	1		1	1			1				1	1			1	1
	SD-36-6-12	Soil	1	1	1		1	1			1					1			1	1
SD-37	SD-37-0-6	Soil	1	1	1		1	1			1				1	1			1	1
	SD-37-6-12	Soil	1	1	1		1	1			1					1			1	1
SD-38	SD-38-0-6	Soil	1	1	1		1	1			1					1			1	1
	SD-38-6-12	Soil	1	1	1		1	1			1					1			1	1
SD-38	SD-38-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-39	SD-39-0-6	Soil	1	1	1		1	1			1				1	1			1	1
	SD-39-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-39-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-40	SD-40-0-6	Soil			1						1				1				1	
	SD-40-6-12	Soil			1						1								1	
SD-41	SD-41-0-6	Soil			1						1				1				1	
	SD-41-6-12	Soil			1						1								1	

Table 3-1
Analytical Sampling Program
Remedial Investigation
Fortino Tire Site



Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
SD-42	SD-42-0-6	Soil			1						1				1				1	
	SD-42-6-12	Soil			1						1								1	
SD-43	SD-43-0-6	Soil			1										1				1	
	SD-43-6-12	Soil			1														1	
SD-44	SD-44-0-6	Soil			1										1				1	
	SD-44-6-12	Soil			1														1	
SD-45	SD-45-0-6	Soil			1						1				1				1	
	SD-45-6-12	Soil			1						1								1	
SD-46	SD-46-0-6	Soil			1			1			1				1				1	
	SD-46-6-12	Soil			1			1			1								1	
SD-47	SD-47-0-6	Soil			1										1				1	1
	SD-47-6-12	Soil			1														1	1
SD-48	SD-48-0-6	Soil			1						1				1				1	1
	SD-48-6-12	Soil			1						1								1	1
SD-49	SD-49-0-6	Soil			1						1				1				1	
	SD-49-6-12	Soil			1						1								1	
SD-50	SD-50-0-6	Soil			1			1							1				1	
	SD-50-6-12	Soil			1			1			1								1	
SD-51	SD-51-0-6	Soil			1			1			1				1				1	
	SD-51-6-12	Soil			1			1			1								1	
SD-52	SD-52-0-6	Soil			1			1							1				1	
	SD-52-6-12	Soil			1			1											1	
SD-03R	SD-03R-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-03R-12-24	Soil	1	1	1		1	1			1					1			1	1
SD-05R	SD-05R-6-12	Soil	1	1	1		1	1			1					1			1	1
	SD-05R-12-24	Soil	1	1	1		1	1			1					1			1	1
Totals	42	104			104	0	78	86	0	0	95	0	0	0	37	78	0	12	92	82
Totals	Sediment Samples																			
	SD-13	SD-13-00-0.5	Sediment	1	1	1		1	1		1				1	1		1		1
	SD-14	SD-14-00-0.5	Sediment	1	1	1		1	1		1				1	1		1		1
	SD-15	SD-15-00-0.5	Sediment	1	1	1		1	1		1				1	1		1		1
	SD-16	SD-16-00-0.5	Sediment	1	1	1		1	1		1				1	1		1		1
	4	4		4	4	4	0	4	4	0	0	4	0	0	0	4	4	0	4	4
Totals	Surface Water Samples																			
	SW-01	SW-01	Water	1	1	1		1		1	1					1		1		1
	SW-02	SW-02	Water	1	1	1		1		1	1					1		1		1
	SW-03	SW-03	Water	1	1	1		1		1	1					1		1		1
	SW-04	SW-04	Water	1	1	1		1		1	1					1		1		1
	SW-05	SW-05	Water	1	1	1		1		1	1					1		1		1
	SW-06	SW-06	Water	1	1	1		1		1	1					1		1		1
	SW-07	SW-07	Water	1	1	1		1	1		1					1			1	1
	SW-08	SW-08	Water	1	1	1		1	1		1					1			1	1
	SW-09	SW-09	Water	1	1	1		1	1		1					1			1	1
	SW-10	SW-10	Water	1	1	1		1	1		1					1			1	1
	SW-11	SW-11	Water	1	1	1		1	1		1					1			1	1
	SW-12	SW-12	Water	1	1	1		1	1		1					1			1	1
	SW-13	SW-13	Water	1	1	1		1	1		1					1			1	1
	SW-14	SW-14	Water	1	1	1		1	1		1					1			1	1
	SW-15	SW-15	Water	1	1	1		1	1		1					1			1	1
	SW-16	SW-16	Water	1	1	1		1	1		1					1			1	1
	SW-17	SW-17	Water	1	1	1		1	1		1					1			1	1

Table 3-1
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	Sample Location	Sample ID	Matrix	TCL VOCs	TCL SVOCs	TAL Inorganics	TAL Inorganics Filtered	Cyanide	Hg	Hg Filtered	Hg	PCBs	PCBs Filtered	PCB Homologs	PCB Homologs Filtered	TOC	Pesticides	Herbicides	PFAS	PFAS	1,4-Dioxane
				(8260C)	(8270D)	(6010C)	(6010C)	(9012B)	(7471B)	(7471B)	(7470A)	(8082A)	(8082A)	(680)	(680)	(Lloyd Kahn)	(8081B)	(8051)	(EPA 537 Modified)	(1633)	(8270D SIM)
Totals	SW-18	SW-18	Water	1	1	1		1	1			1					1			1	1
	SW-19	SW-19	Water			1						1								1	
	SW-20	SW-20	Water			1						1								1	
	SW-21	SW-21	Water			1						1								1	
	SW-22	SW-22	Water			1						1								1	
	SW-23	SW-23	Water			1						1								1	
	SW-24	SW-24	Water			1						1								1	
	24	24		18	18	24	0	18	12	0	6	24	0	0	0	0	18	0	6	18	18
Totals	Monitoring Wells - Soil Samples																				
	SB-107	SB-107-0102	Soil	1	1	1		1	1			1					1		1		1
		SB-107-0809	Soil	1	1	1		1	1			1					1		1		1
	SB-108	SB-108-1213	Soil	1	1	1		1	1			1					1		1		1
		SB-108-2425	Soil	1	1	1		1	1			1					1		1		1
	SB-109	SB-109-1112	Soil	1	1	1		1	1			1					1		1		1
		SB-109-2425	Soil	1	1	1		1	1			1					1		1		1
	SB-110	SB-110-1314	Soil	1	1	1		1	1			1					1		1		1
		SB-110-2223	Soil	1	1	1		1	1			1					1		1		1
	SB-111	SB-111-0810	Soil	1	1	1		1	1			1					1		1		1
		SB-111-2930	Soil	1	1	1		1	1			1					1		1		1
	SB-112	SB-112-0809	Soil	1	1	1		1	1			1					1		1		1
		SB-112-2930	Soil	1	1	1		1	1			1					1		1		1
	SB-113	SB-113-1718	Soil	1	1	1		1	1			1					1		1		1
		SB-113-2728	Soil	1	1	1		1	1			1					1		1		1
	SB-114	SB-114-0708	Soil	1	1	1		1	1			1					1		1		1
		SB-114-2223	Soil	1	1	1		1	1			1					1		1		1
	8	16		16	16	16	0	16	16	0	0	16	0	0	0	0	16	0	16	0	16
Totals	Monitoring Wells - Groundwater Samples Round 1																				
	MW-107	MW-107-191126	Water	1	1	1		1			1	1					1		1		1
	MW-108	MW-108-191126	Water	1	1	1		1			1	1					1		1		1
	MW-109	MW-109-191126	Water	1	1	1		1			1	1					1		1		1
	MW-110	MW-110-191126	Water	1	1	1		1			1	1					1		1		1
	MW-111	MW-111-191125	Water	1	1	1		1			1	1					1		1		1
	MW-112	MW-112-191125	Water	1	1	1		1			1	1					1		1		1
	MW-113	MW-113-191125	Water	1	1	1		1			1	1					1		1		1
	MW-114	MW-114-191126	Water	1	1	1		1			1	1					1		1		1
	FT-MW-101	FT-MW-101-191127	Water	1	1	1		1			1	1					1		1		1
	FT-MW-102	FT-MW-102-191127	Water	1	1	1		1			1	1					1		1		1
	FT-MW-103	FT-MW-103-191127	Water	1	1	1		1			1	1					1		1		1
	FT-MW-104	FT-MW-104-191126	Water	1	1	1		1			1	1					1		1		1
	FT-MW-105	FT-MW-105-191126	Water	1	1	1		1			1	1					1		1		1
	FT-MW-106	FT-MW-106-191125	Water	1	1	1		1			1	1					1		1		1
	FT-MW-001	FT-MW-001-191126	Water	1	1	1		1			1	1					1		1		1
	15	15		15	15	15	0	15	0	0	15	15	0	0	0	0	15	0	15	0	15
Totals	Monitoring Wells - Groundwater Samples Round 2																				
	MW-107	MW-107-200623	Water	1	1	1		1			1	1					1		1		1
	MW-108	MW-108-200623	Water	1	1	1		1			1	1					1		1		1
	MW-109	MW-109-200623	Water	1	1	1		1			1	1					1		1		1
	MW-110	MW-110-200623	Water	1	1	1		1			1	1					1		1		1
	MW-111	MW-111-200623	Water	1	1	1		1			1	1					1		1		1
	MW-112	MW-112-200622	Water	1	1	1		1			1	1					1		1		1
	MW-113	MW-113-200625	Water	1	1	1		1			1	1					1		1		1

Table 3-1
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	Sample Location	Sample ID	Matrix	TCL VOCs (8260C)	TCL SVOCs (8270D)	TAL Inorganics (6010C)	TAL Inorganics Filtered (6010C)	Cyanide (9012B)	Hg (7471B)	Hg Filtered (7471B)	Hg (7470A)	PCBs (8082A)	PCBs Filtered (8082A)	PCB Homologs (680)	PCB Homologs Filtered (680)	TOC (Lloyd Kahn)	Pesticides (8081B)	Herbicides (8051)	PFAS (EPA 537 Modified)	PFAS (1633)	1,4-Dioxane (8270D SIM)
	MW-114	MW-114-200624	Water	1	1	1		1			1	1					1		1		1
	FT-MW-101	FT-MW-101-200624	Water	1	1	1		1			1	1					1		1		1
	FT-MW-102	FT-MW-102-200624	Water	1	1	1		1			1	1					1		1		1
	FT-MW-103	FT-MW-103-200624	Water	1	1	1		1			1	1					1		1		1
	FT-MW-104	FT-MW-104-200624	Water	1	1	1		1			1	1					1		1		1
	FT-MW-105	FT-MW-105-200623	Water	1	1	1		1			1	1					1		1		1
	FT-MW-106	FT-MW-106-200625	Water	1	1	1		1			1	1					1		1		1
	FT-MW-001	FT-MW-001-200622	Water	1	1	1		1			1	1					1		1		1
Totals	15	15		15	15	15	0	15	0	0	15	15	0	0	0	0	15	0	15	0	15
	Monitoring Wells - Groundwater Samples Round 3																				
	MW-107	MW-107	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-108	MW-108	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-109	MW-109	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-110	MW-110	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-111	MW-111	Water	1	1	1	1	1	1	1		1	1				1			1	1
	MW-112	MW-112	Water	1	1	1	1	1	1	1		1	1				1			1	1
	MW-113	MW-113	Water	1	1	1	1	1	1	1		1	1				1			1	1
	MW-114	MW-114	Water	1	1	1	1	1	1	1		1	1				1			1	1
	FT-MW-101	FT-MW-101	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	FT-MW-102	FT-MW-102	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	FT-MW-103	FT-MW-103	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	FT-MW-104	FT-MW-104	Water	1	1	1	1	1	1	1		1	1				1			1	1
	FT-MW-105	FT-MW-105	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	FT-MW-106	FT-MW-106	Water	1	1	1	1	1	1	1		1	1				1			1	1
	FT-MW-001	FT-MW-001	Water	1	1	1	1	1	1	1		1	1				1			1	1
Totals	15	15		15	15	15	15	15	15	15	0	15	15	8	8	0	15	0	0	15	15
	Monitoring Wells - Groundwater Samples Round 4																				
	MW-107	MW-107	Water			1						1					1			1	
	MW-108	MW-108	Water			1						1					1			1	1
	MW-109	MW-109	Water			1						1					1			1	1
	MW-112	MW-112	Water			1											1			1	
	MW-113	MW-113	Water			1														1	
	MW-115	MW-115	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-116	MW-116	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-117	MW-117	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-118	MW-118	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-119	MW-119	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-120	MW-120	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-121	MW-121	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-122	MW-122	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
	MW-103R	MW-103R	Water	1	1	1	1	1	1	1		1	1	1	1		1			1	1
Totals	14	14		9	9	14	9	9	9	9	0	12	9	9	9	0	13	0	0	14	11
	Residential Potable Wells - Groundwater Samples																				
	GRANNIS Property 1	GRANNIS-200624	Water																1		
	GRANNIS Property 2	GRANNIS-210521	Water																1**		
Totals	2	2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	Background Soil Samples																				
	Background-01	Background-01	Soil			1			1												
	Background-02	Background-02	Soil			1			1												
	Background-03	Background-03	Soil			1			1												
Totals	3	3		0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0

Table 3-1
Analytical Sampling Program
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			TCL VOCs	TCL SVOCs	TAL Inorganics	TAL Inorganics Filtered	Cyanide	Hg	Hg Filtered	Hg	PCBs	PCBs Filtered	PCB Homologs	PCB Homologs Filtered	TOC	Pesticides	Herbicides	PFAS	PFAS	1,4-Dioxane
Sample Location	Sample ID	Matrix	(8260C)	(8270D)	(6010C)	(6010C)	(9012B)	(7471B)	(7471B)	(7470A)	(8082A)	(8082A)	(680)	(680)	(Lloyd Kahn)	(8081B)	(8051)	(EPA 537 Modified)	(1633)	(8270D SIM)

Notes:
FT-MW - Fortino Tire Monitoring Well; MW - Monitoring Well; NS- no sample; SB - Soil Boring Sample; SD - Surface Soil; SS - Surface Soil; SW - Surface Water; TT - Test Trench
1 - Surface soils in wetland area originally designated as sediment samples determined to be surface soil media as per meeting with NYSDEC Fish and Wildlife personnel on March 26, 2024. Refer to section 3.1.6 of the SRIR.
* - SB-08-05-1.0 was a discrete sample based on visual impacts
** - The sample from 359 Grannis was analyzed using Method 25101:2009, Fluorinated Alkyl Substances

Table 3-2
Summary of Parameters Analyzed
Remedial Investigation
Fortino Tire Site

PARAMETER	Soil	Wetlands Surface Soils ¹	Sediment	Groundwater	Surface Water	Drinking Water
VOLATILE ORGANIC COMPOUNDS	SW846 Method 8260C	SW846 Method 8260C	SW846 Method 8260C	SW846 Method 8260C	SW846 Method 8260C	SW846 Method 8260C
1,1,1-Trichloroethane	X	X	X	X	X	--
1,1,2,2-Tetrachloroethane	X	X	X	X	X	--
1,1,2-Trichloroethane	X	X	X	X	X	--
1,1,2-Trichloro-1,2,2-trifluoroethane	X	X	X	X	X	--
1,1-Dichloroethane	X	X	X	X	X	--
1,1-Dichloroethene	X	X	X	X	X	--
1,2,4-Trichlorobenzene	X	X	X	X	X	--
1,2-Dibromo-3-Chloropropane	X	X	X	X	X	--
1,2-Dibromoethane	X	X	X	X	X	--
1,2-Dichlorobenzene	X	X	X	X	X	--
1,2-Dichloroethane	X	X	X	X	X	--
1,2-Dichloropropane	X	X	X	X	X	--
1,3-Dichlorobenzene	X	X	X	X	X	--
1,4-Dichlorobenzene	X	X	X	X	X	--
2-Hexanone	X	X	X	X	X	--
2-Butanone (MEK)	X	X	X	X	X	--
4-Methyl-2-pentanone (MIBK)	X	X	X	X	X	--
Acetone	X	X	X	X	X	--
Benzene	X	X	X	X	X	--
Bromodichloromethane	X	X	X	X	X	--
Bromoform	X	X	X	X	X	--
Bromomethane	X	X	X	X	X	--
Carbon disulfide	X	X	X	X	X	--
Carbon tetrachloride	X	X	X	X	X	--
Chlorobenzene	X	X	X	X	X	--
Dibromochloromethane	X	X	X	X	X	--
Chloroethane	X	X	X	X	X	--
Chloroform	X	X	X	X	X	--
Chloromethane	X	X	X	X	X	--
cis-1,2-Dichloroethene	X	X	X	X	X	--
cis-1,3-Dichloropropene	X	X	X	X	X	--
Cyclohexane	X	X	X	X	X	--
Dichlorodifluoromethane	X	X	X	X	X	--
Ethylbenzene	X	X	X	X	X	--
Isopropylbenzene	X	X	X	X	X	--
Methyl acetate	X	X	X	X	X	--
Methyl tert-butyl ether	X	X	X	X	X	--
Methylcyclohexane	X	X	X	X	X	--
Methylene Chloride	X	X	X	X	X	--
Styrene	X	X	X	X	X	--
Tetrachloroethene	X	X	X	X	X	--
Toluene	X	X	X	X	X	--
trans-1,2-Dichloroethene	X	X	X	X	X	--
trans-1,3-Dichloropropene	X	X	X	X	X	--
Trichloroethene	X	X	X	X	X	--
Trichlorofluoromethane	X	X	X	X	X	--
Vinyl chloride	X	X	X	X	X	--
Xylenes, Total	X	X	X	X	X	--
SEMIVOLATILE ORGANIC COMPOUNDS	SW846 Method 8270D	SW846 Method 8270D	SW846 Method 8270D	SW846 Method 8270D	SW846 Method 8270D	SW846 Method 8270D
Biphenyl	x	x	x	X	X	--
bis (2-chloroisopropyl) ether	X	X	X	X	X	--
2,4,5-Trichlorophenol	X	X	X	X	X	--
2,4,6-Trichlorophenol	X	X	X	X	X	--
2,4-Dichlorophenol	X	X	X	X	X	--

Table 3-2
Summary of Parameters Analyzed
Remedial Investigation
Fortino Tire Site

PARAMETER	Soil	Wetlands Surface Soils ¹	Sediment	Groundwater	Surface Water	Drinking Water
2,4-Dimethylphenol	X	X	X	X	X	--
2,4-Dinitrophenol	X	X	X	X	X	--
2,4-Dinitrotoluene	X	X	X	X	X	--
2,6-Dinitrotoluene	X	X	X	X	X	--
2-Chloronaphthalene	X	X	X	X	X	--
2-Chlorophenol	X	X	X	X	X	--
2-Methylphenol	X	X	X	X	X	--
2-Methylnaphthalene	X	X	X	X	X	--
2-Nitroaniline	X	X	X	X	X	--
2-Nitrophenol	X	X	X	X	X	--
3,3'-Dichlorobenzidine	X	X	X	X	X	--
3-Nitroaniline	X	X	X	X	X	--
4,6-Dinitro-2-methylphenol	X	X	X	X	X	--
4-Bromophenyl phenyl ether	X	X	X	X	X	--
4-Chloro-3-methylphenol	X	X	X	X	X	--
4-Chloroaniline	X	X	X	X	X	--
4-Chlorophenyl phenyl ether	X	X	X	X	X	--
4-Methylphenol	X	X	X	X	X	--
4-Nitroaniline	X	X	X	X	X	--
4-Nitrophenol	X	X	X	X	X	--
Acenaphthene	X	X	X	X	X	--
Acenaphthylene	X	X	X	X	X	--
Acetophenone	X	X	X	X	X	--
Anthracene	X	X	X	X	X	--
Atrazine	X	X	X	X	X	--
Benzaldehyde	X	X	X	X	X	--
Benzo[a]anthracene	X	X	X	X	X	--
Benzo[a]pyrene	X	X	X	X	X	--
Benzo[b]fluoranthene	X	X	X	X	X	--
Benzo[g,h,i]perylene	X	X	X	X	X	--
Benzo[k]fluoranthene	X	X	X	X	X	--
Bis(2-chloroethoxy)methane	X	X	X	X	X	--
Bis(2-chloroethyl)ether	X	X	X	X	X	--
Bis(2-ethylhexyl) phthalate	X	X	X	X	X	--
Butyl benzyl phthalate	X	X	X	X	X	--
Caprolactam	X	X	X	X	X	--
Carbazole	X	X	X	X	X	--
Chrysene	X	X	X	X	X	--
Dibenz(a,h)anthracene	X	X	X	X	X	--
Di-n-butyl phthalate	X	X	X	X	X	--
Di-n-octyl phthalate	X	X	X	X	X	--
Dibenzofuran	X	X	X	X	X	--
Diethyl phthalate	X	X	X	X	X	--
Dimethyl phthalate	X	X	X	X	X	--
Fluoranthene	X	X	X	X	X	--
Fluorene	X	X	X	X	X	--
Hexachlorobenzene	X	X	X	X	X	--
Hexachlorobutadiene	X	X	X	X	X	--
Hexachlorocyclopentadiene	X	X	X	X	X	--
Hexachloroethane	X	X	X	X	X	--
Indeno[1,2,3-cd]pyrene	X	X	X	X	X	--
Isophorone	X	X	X	X	X	--
N-Nitrosodi-n-propylamine	X	X	X	X	X	--
N-Nitrosodiphenylamine	X	X	X	X	X	--
Naphthalene	X	X	X	X	X	--
Nitrobenzene	X	X	X	X	X	--
Pentachlorophenol	X	X	X	X	X	--
Phenanthrene	X	X	X	X	X	--
Phenol	X	X	X	X	X	--

Table 3-2
Summary of Parameters Analyzed
Remedial Investigation
Fortino Tire Site

PARAMETER	Soil	Wetlands Surface Soils ¹	Sediment	Groundwater	Surface Water	Drinking Water
Pyrene	X	X	X	X	X	--
PESTICIDES	SW846 Method 8081B	SW846 Method 8081B	SW846 Method 8081B	SW846 Method 8081B	SW846 Method 8081B	SW846 Method 8081B
4,4'-DDD	X	X	X	X	X	--
4,4'-DDE	X	X	X	X	X	--
4,4'-DDT	X	X	X	X	X	--
Aldrin	X	X	X	X	X	--
alpha-BHC	X	X	X	X	X	--
cis-Chlordane	X	X	X	X	X	--
beta-BHC	X	X	X	X	X	--
delta-BHC	X	X	X	X	X	--
Dieldrin	X	X	X	X	X	--
Endosulfan I	X	X	X	X	X	--
Endosulfan II	X	X	X	X	X	--
Endosulfan sulfate	X	X	X	X	X	--
Endrin	X	X	X	X	X	--
Endrin aldehyde	X	X	X	X	X	--
Endrin ketone	X	X	X	X	X	--
gamma-BHC (Lindane)	X	X	X	X	X	--
trans-Chlordane	X	X	X	X	X	--
Heptachlor	X	X	X	X	X	--
Heptachlor epoxide	X	X	X	X	X	--
Methoxychlor	X	X	X	X	X	--
Toxaphene	X	X	X	X	X	--
HERBICIDES*	SW846 Method 8151A	SW846 Method 8151A	SW846 Method 8151A	SW846 Method 8151A	SW846 Method 8151A	SW846 Method 8151A
2,4-D	X	--	--	--	--	--
2,4,5-T	X	--	--	--	--	--
Silvex (2,4,5-TP)	X	--	--	--	--	--
PCBs	SW846 Method 8082A	SW846 Method 8082A	SW846 Method 8082A	SW846 Method 8082A	SW846 Method 8082A	SW846 Method 8082A
Aroclor 1016	X	X	X	X	X	--
Aroclor 1221	X	X	X	X	X	--
Aroclor 1232	X	X	X	X	X	--
Aroclor 1242	X	X	X	X	X	--
Aroclor 1248	X	X	X	X	X	--
Aroclor 1254	X	X	X	X	X	--
Aroclor 1260	X	X	X	X	X	--
Aroclor 1262	X	X	X	X	X	--
Aroclor 1268	X	X	X	X	X	--
Filtered PCBs	SW846 Method 8082A	SW846 Method 8082A	SW846 Method 8082A	SW846 Method 8082A	SW846 Method 8082A	SW846 Method 8082A
Aroclor 1016	--	--	--	X	--	--
Aroclor 1221	--	--	--	X	--	--
Aroclor 1232	--	--	--	X	--	--
Aroclor 1242	--	--	--	X	--	--
Aroclor 1248	--	--	--	X	--	--
Aroclor 1254	--	--	--	X	--	--
Aroclor 1260	--	--	--	X	--	--
Aroclor 1262	--	--	--	X	--	--
Aroclor 1268	--	--	--	X	--	--
PCB Homologs	SW846 Method 680	SW846 Method 680	SW846 Method 680	SW846 Method 680	SW846 Method 680	SW846 Method 680
Monochlorobiphenyl	--	--	--	X	--	--

Table 3-2
Summary of Parameters Analyzed
Remedial Investigation
Fortino Tire Site

PARAMETER	Soil	Wetlands Surface Soils ¹	Sediment	Groundwater	Surface Water	Drinking Water
Dichlorobiphenyl	--	--	--	X	--	--
Trichlorobiphenyl	--	--	--	X	--	--
Tetrachlorobiphenyl	--	--	--	X	--	--
Pentachlorobiphenyl	--	--	--	X	--	--
Hexachlorobiphenyl	--	--	--	X	--	--
Heptachlorobiphenyl	--	--	--	X	--	--
Octachlorobiphenyl	--	--	--	X	--	--
Nonachlorobiphenyl	--	--	--	X	--	--
Filtered PCB Homologs	SW846 Method 680	SW846 Method 680	SW846 Method 680	SW846 Method 680	SW846 Method 680	SW846 Method 680
Monochlorobiphenyl	--	--	--	X	--	--
Dichlorobiphenyl	--	--	--	X	--	--
Trichlorobiphenyl	--	--	--	X	--	--
Tetrachlorobiphenyl	--	--	--	X	--	--
Pentachlorobiphenyl	--	--	--	X	--	--
Hexachlorobiphenyl	--	--	--	X	--	--
Heptachlorobiphenyl	--	--	--	X	--	--
Octachlorobiphenyl	--	--	--	X	--	--
Nonachlorobiphenyl	--	--	--	X	--	--
METALS	SW846 Method 6010C/ 7471B	SW846 Method 6010C/ 7471B	SW846 Method 6010C/ 7471B	SW846 Method 6010C/ 7470A	SW846 Method 6010C/ 7470A	SW846 Method 6010C/ 7470A
Aluminum	X	X	X	X	X	--
Antimony	X	X	X	X	X	--
Arsenic	X	X	X	X	X	--
Barium	X	X	X	X	X	--
Beryllium	X	X	X	X	X	--
Cadmium	X	X	X	X	X	--
Calcium	X	X	X	X	X	--
Chromium	X	X	X	X	X	--
Cobalt	X	X	X	X	X	--
Copper	X	X	X	X	X	--
Iron	X	X	X	X	X	--
Lead	X	X	X	X	X	--
Magnesium	X	X	X	X	X	--
Manganese	X	X	X	X	X	--
Mercury	X	X	X	X	X	--
Nickel	X	X	X	X	X	--
Potassium	X	X	X	X	X	--
Selenium	X	X	X	X	X	--
Silver	X	X	X	X	X	--
Sodium	X	X	X	X	X	--
Thallium	X	X	X	X	X	--
Vanadium	X	X	X	X	X	--
Zinc	X	X	X	X	X	--
FILTERED METALS	SW846 Method 6010C/ 7471B	SW846 Method 6010C/ 7471B	SW846 Method 6010C/ 7471B	SW846 Method 6010C/ 7470A	SW846 Method 6010C/ 7470A	SW846 Method 6010C/ 7470A
Aluminum	--	--	--	X	--	--
Antimony	--	--	--	X	--	--
Arsenic	--	--	--	X	--	--
Barium	--	--	--	X	--	--
Beryllium	--	--	--	X	--	--
Cadmium	--	--	--	X	--	--
Calcium	--	--	--	X	--	--
Chromium	--	--	--	X	--	--
Cobalt	--	--	--	X	--	--
Copper	--	--	--	X	--	--
Iron	--	--	--	X	--	--

**Table 3-2
Summary of Parameters Analyzed
Remedial Investigation
Fortino Tire Site**

PARAMETER	Soil	Wetlands Surface Soils ¹	Sediment	Groundwater	Surface Water	Drinking Water
Lead	--	--	--	X	--	--
Magnesium	--	--	--	X	--	--
Manganese	--	--	--	X	--	--
Mercury	--	--	--	X	--	--
Nickel	--	--	--	X	--	--
Potassium	--	--	--	X	--	--
Selenium	--	--	--	X	--	--
Silver	--	--	--	X	--	--
Sodium	--	--	--	X	--	--
Thallium	--	--	--	X	--	--
Vanadium	--	--	--	X	--	--
Zinc	--	--	--	X	--	--
CYANIDE	SW846 Method 9012B	SW846 Method 9012B	SW846 Method 9012B	SW846 Method 9012B	SW846 Method 9012B	SW846 Method 9012B
Cyanide, total	X	X	X	X	X	--
TOTAL ORGANIC CARBON	Lloyd Kahn	Lloyd Kahn	Lloyd Kahn	Lloyd Kahn	Lloyd Kahn	Lloyd Kahn
Total Organic Carbon	--	X	X	--	--	--
1,4-Dioxane	SW846 Method 8270D SIM	SW846 Method 8270D SIM	SW846 Method 8270D SIM	SW846 Method 8270D SIM	SW846 Method 8270D SIM	SW846 Method 8270D SIM
1,4-Dioxane	X	X	X	X	X	--
PFAS	EPA 537 Modified / 1633	EPA 537 Modified / 1633	EPA 537 Modified / 1633	EPA 537 Modified / 1633	EPA 537 Modified 1633	EPA 537 Modified
Perfluorobutanoic acid (PFBA)	X	X	X	X	X	X
Perfluoropentanoic acid (PFPeA)	X	X	X	X	X	X
Perfluorohexanoic acid (PFHxA)	X	X	X	X	X	X
Perfluoroheptanoic acid (PFHpA)	X	X	X	X	X	X
Perfluorooctanoic acid (PFOA)	X	X	X	X	X	X
Perfluorononanoic acid (PFNA)	X	X	X	X	X	X
Perfluorodecanoic acid (PFDA)	X	X	X	X	X	X
Perfluoroundecanoic acid (PFUnA)	X	X	X	X	X	X
Perfluorododecanoic acid (PFDoA)	X	X	X	X	X	X
Perfluorotridecanoic acid (PFTriA)	X	X	X	X	X	X
Perfluorotetradecanoic acid (PFTeA)	X	X	X	X	X	X
Perfluorobutanesulfonic acid (PFBS)	X	X	X	X	X	X
Perfluorohexanesulfonic acid (PFHxS)	X	X	X	X	X	X
Perfluoroheptanesulfonic Acid (PFHpS)	X	X	X	X	X	X
Perfluorodecanesulfonic acid (PFDS)	X	X	X	X	X	X
Perfluorooctanesulfonic acid (PFOS)	X	X	X	X	X	X
Perfluorooctanesulfonamide (FOSA)	X	X	X	X	X	X
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	X	X	X	X	X	X
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	X	X	X	X	X	X
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	X	X	X	X	X	X
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	X	X	X	X	X	X

X = Parameter analyzed; -- = Parameter not analyzed; * = Not all samples analyzed for these parameters

1 = Surface soils in wetland area originally designated as sediment samples determined to be surface soil media as per meeting with

Table 3-3
Groundwater Elevation Measurements
Remedial Investigation
Fortino Tire Site



Well ID	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Date	Depth to Water (ft)	Water Elev. (ft)
FT-MW-001	1200878.911	964875.459	477.18	480.26	480.00	11/26/2019	5.45	474.55
						6/22/2020	7.81	472.19
						12/6/2022	6.75	473.25
						2/2/2024	4.40	475.60
FT-MW-101	1201644.342	964765.572	487.20	490.54	489.66	11/27/2019	14.32	475.34
						6/24/2020	15.94	473.72
						12/6/2022	14.50	475.16
						2/2/2024	14.20	475.46
FT-MW-102	1201568.122	964741.778	495.89	498.87	498.16	11/27/2019	16.60	481.56
						6/24/2020	16.54	481.62
						12/6/2022	16.20	481.96
						2/2/2024	15.48	482.68
FT-MW-103	1201530.404	964863.795	494.35	497.50	497.20	11/27/2019	15.04	482.16
						6/24/2020	15.80	481.40
						12/6/2022	16.17	481.03
						2/2/2024	15.05	482.15
MW-103R	1201541.224	964864.905	494.41	497.04	496.65	2/2/2024	20.62	476.03
FT-MW-104	1201465.851	964999.371	486.35	489.34	488.99	11/26/2019	13.64	475.35
						6/24/2020	14.57	474.42
						12/6/2022	13.70	475.29
						2/2/2024	13.09	475.90
FT-MW-105	1201470.089	964747.212	490.99	493.07	492.79	11/26/2019	14.90	477.89
						6/23/2020	15.20	477.59
						12/6/2022	15.62	477.17
						2/2/2024	14.05	478.74
FT-MW-106	1201306.806	964887.811	497.07	499.70	499.47	11/25/2019	22.00	477.47
						6/25/2020	22.06	477.41
						12/6/2022	23.14	476.33
MW-107	1201698.799	964653.503	474.68	476.93	476.49	11/26/2019	1.95	474.54
						6/23/2020	3.48	473.01
						12/6/2022	1.93	474.56
						2/2/2024	1.67	474.82
MW-108	1201734.267	964957.463	473.62	476.21	475.86	11/26/2019	2.33	473.53
						6/23/2020	3.33	472.53
						12/6/2022	2.27	473.59
						2/2/2024	2.24	473.62
MW-109	1201521.828	965091.178	473.25	476.01	475.64	11/26/2019	2.17	473.47
						6/23/2020	3.61	472.03
						12/6/2022	2.20	473.44
						2/2/2024	2.05	473.59
MW-110	1201356.144	965130.875	473.74	476.38	475.99	11/26/2019	2.57	473.42
						6/23/2020	3.78	472.21
						12/6/2022	2.15	473.84
						2/2/2024	1.95	474.04
MW-111	1201249.043	965227.845	473.60	476.35	475.96	11/25/2019	2.63	473.33
						6/23/2020	5.45	470.51
						12/6/2022	2.71	473.25
						2/2/2024	2.55	473.41
MW-112	1200989.083	965081.034	478.97	481.33	480.92	11/25/2019	3.78	477.14
						6/23/2020	5.78	475.14
						12/6/2022	3.53	477.39
						2/2/2024	2.80	478.12

Table 3-3
Groundwater Elevation Measurements
Remedial Investigation
Fortino Tire Site



Well ID	Northing	Easting	Ground Elevation (ft)	Casing Elevation (ft)	Meas.point (Riser)Elev.(ft)	Date	Depth to Water (ft)	Water Elev. (ft)
MW-113	1201234.424	964790.98	493.57	495.87	495.60	11/25/2019	17.74	477.86
						6/25/2020	17.69	477.91
						12/6/2022	19.06	476.54
						2/2/2024	16.84	478.76
MW-114	1201407.755	964597.117	492.44	494.97	494.62	11/26/2019	16.60	478.02
						6/24/2020	17.85	476.77
						12/6/2022	17.00	477.62
						2/2/2024	15.35	479.27
MW-115	1202080.622	964637.193	473.17	477.49	477.38	2/2/2024	3.70	473.68
MW-116	1201984.33	965021.675	473.20	476.33	475.94	2/2/2024	2.65	473.29
MW-117	1201755.469	965302.459	472.74	475.85	474.92	2/2/2024	2.71	472.21
MW-118	1201701.482	965125.814	473.36	475.92	475.75	2/2/2024	2.65	473.10
MW-119	1201476.542	965507.414	473.44	477.01	476.57	2/2/2024	3.80	472.77
MW-120	1201197.896	965539.591	473.02	475.04	474.86	2/2/2024	2.20	472.66
MW-121	1200968.922	964422.264	473.88	477.58	477.38	2/2/2024	5.70	471.68
MW-122	1200670.428	965041.932	471.87	476.29	476.08	2/2/2024	3.65	472.43

Table 3-4
IDW Samples and Analyses
Remedial Investigation
Fortino Tire Site

Sample ID	Matrix	TCLP VOCs (8260B)	TCLP SVOCs (8270D)	TCLP Pesticides (8081B)	TCLP PCBs (8082A)	TCLP Metals (6010C/ 7470A)
Soil and Water Investigative Derived Waste Profiling⁽¹⁾						
Total Sample Quantity	Soil	1	1	1	1	1
IDW-S-01-01-191126	Soil	1	1	1	1	1
IDW-W-191127	Water	1	1	1	1	1
IDW-Purge-05192023	Water	1	1	1	1	1
IDW-MW-05192023	Water	1	1	1	1	1
IDW-SB-05192023	Soil	1	1	1	1	1

Sample ID	Matrix	Ignitability (1010)	Corrosivity (9045)	Reactivity (Sect. 7.3)
Soil and Water Investigative Derived Waste Profiling⁽¹⁾				
Total Sample Quantity	Soil	1	1	1
IDW-S-01-01-191126	Soil	1	1	1
IDW-W-191127	Water	1	1	1
IDW-Purge-05192023	Water	1	1	1
IDW-MW-05192023	Water	1	1	1
IDW-SB-05192023	Soil	1	1	1

Notes:

IDW - Investigation Derived Waste

⁽¹⁾ Composite soil sample collected from drummed soil cuttings.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-14	SB-14	SB-14	SB-14	SB-14	SB-15
Sample Name					SB-14-0-2	SB-14-2-4	SB-14-6-8	SB-14-10-12	SB-164-10-12	SB-15-0-2
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	10 - 12 ft	0 - 2 ft
Sample Date					12/20/2022	12/20/2022	12/20/2022	12/20/2022	12/20/2022	12/20/2022
Analyte	Unit	Criteria							Field Duplicate	
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-14			SB-14			SB-14			SB-14			SB-14			SB-15		
Sample Name		SB-14-0-2			SB-14-2-4			SB-14-6-8			SB-14-10-12			SB-14-10-12			SB-15-0-2		
Sample Depth Interval (ft bgs)		0 - 2 ft			2 - 4 ft			6 - 8 ft			10 - 12 ft			10 - 12 ft			0 - 2 ft		
Sample Date		12/20/2022			12/20/2022			12/20/2022			12/20/2022			12/20/2022			12/20/2022		
Analyte	Unit	Criteria															Field Duplicate		
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 2 U	< 2 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 3 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	48	18	14	0.076 J	0.11	0.11	0.076 J	0.11	0.076 J	0.11	0.076 J	0.11	0.076 J	0.11	18
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	50	24	16	0.065 J	0.092 J	0.092 J	0.065 J	0.092 J	0.065 J	0.092 J	0.065 J	0.092 J	0.065 J	0.092 J	20
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	17	5.4	5	< 0.1 U	0.036 J	0.036 J	< 0.1 U	0.036 J	< 0.1 U	0.036 J	< 0.1 U	0.036 J	< 0.1 U	0.036 J	5.1
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 2 U	< 2 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 3 U
PCB (total)	mg/kg	3.2	0.1	1	120	47	35	0.14	0.24	0.24	0.14	0.24	0.14	0.24	0.14	0.24	0.14	0.24	43
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-15	SB-15	SB-16	SB-16	SB-16	SB-16
Sample Name					SB-15-2-4	SB-15-6-8	SB-16-0-2	SB-16-2-4	SB-16-6-8	SB-16-10-12
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					12/20/2022	12/20/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	< 0.0029 U	NA	< 0.0042 U
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	< 0.0029 U	NA	0.0011 J
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	< 0.0029 U	NA	0.0028 J
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	< 0.029 U	NA	< 0.042 U
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	< 0.15 U	NA	< 0.21 U
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	< 0.0029 U	NA	0.003 J
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	< 0.0029 U	NA	0.0026 J
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	< 0.0029 U	NA	< 0.0042 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	< 0.0029 U	NA	< 0.0042 U
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	< 0.0029 U	NA	< 0.0042 U
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	< 0.059 U	NA	< 0.083 U
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	< 0.0029 U	NA	< 0.0042 U
Styrene	mg/kg	-	300	-	NA	NA	NA	< 0.0029 U	NA	< 0.0042 U
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	< 0.0029 U	NA	0.0013 J
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	< 0.015 UJ	NA	< 0.021 UJ
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	< 0.0029 U	NA	< 0.0042 U
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	< 25 U	NA	< 17 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	0.1	NA	< 1 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	< 6 U	NA	2.3 J
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 13 U	NA	< 9 U
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	< 6 U	NA	< 4 U
Acetophenone	mg/kg	-	-	-	NA	NA	NA	< 13 U	NA	< 9 U
Anthracene	mg/kg	1000	100	100	NA	NA	NA	< 6 U	NA	< 4 U
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	< 6 U	NA	< 4 U
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	< 13 U	NA	1.1 J
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	< 6 U	NA	< 4 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	< 6 U	NA	< 4 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	< 6 U	NA	< 4 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	< 6 U	NA	< 4 U
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	9 J	NA	15
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	200	NA	1000
Carpolactam	mg/kg	-	-	-	NA	NA	NA	< 13 U	NA	< 9 U
Carbazole	mg/kg	-	-	-	NA	NA	NA	< 6 U	NA	< 4 U
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	< 6 U	NA	< 4 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	< 6 U	NA	< 4 U
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	< 13 U	NA	< 9 U
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	< 13 U	NA	< 9 U
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	< 13 U	NA	< 9 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	< 13 U	NA	1.8 J
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	100	NA	250
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	< 6 U	NA	< 4 U
Fluorene	mg/kg	386	30	100	NA	NA	NA	< 6 U	NA	< 4 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	< 6 U	NA	< 4 U
Naphthalene	mg/kg	12	12	84	NA	NA	NA	< 6 U	NA	< 4 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	< 13 U	NA	< 9 U
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	< 6 U	NA	1.9 J
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 13 U	NA	< 9 U
Pyrene	mg/kg	1000	64	100	NA	NA	NA	< 6 U	NA	2.3 J
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	< 0.25 U	NA	< 0.25 U

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-15			SB-15			SB-16			SB-16			SB-16			SB-16		
Sample Name		SB-15-2-4			SB-15-6-8			SB-16-0-2			SB-16-2-4			SB-16-6-8			SB-16-10-12		
Sample Depth Interval (ft bgs)		2 - 4 ft			6 - 8 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft			10 - 12 ft		
Sample Date		12/20/2022			12/20/2022			12/21/2022			12/21/2022			12/21/2022			12/21/2022		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	< 0.25 U	NA	< 0.25 U	NA	< 0.25 U	NA	< 0.25 U	NA	< 0.25 U	NA	< 0.25 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	< 0.38 U	NA	< 0.38 U	NA	< 0.38 U	NA	< 0.38 U	NA	< 0.38 U	NA	< 0.38 U
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 0.094 U	< 2 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	54	< 0.094 U	NA	20	NA	27	NA	27	NA	27	NA	27	NA	27	NA
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	43	< 0.094 U	NA	25	NA	20	NA	20	NA	20	NA	20	NA	20	NA
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	12	< 0.094 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 0.094 U	< 2 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
PCB (total)	mg/kg	3.2	0.1	1	110	ND	ND	45	ND	47	ND	47	ND	47	ND	47	ND	47	ND
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	7700	NA	16000	NA	16000	NA	16000	NA	16000	NA	16000	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	10	NA	72	NA	72	NA	72	NA	72	NA	72	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	16	NA	15	NA	15	NA	15	NA	15	NA	15	NA
Barium	mg/kg	820	410	410	NA	NA	NA	630	NA	1200	NA	1200	NA	1200	NA	1200	NA	1200	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	< 0.2 U	NA	< 0.21 U	NA	< 0.21 U	NA	< 0.21 U	NA	< 0.21 U	NA	< 0.21 U	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	49	NA	47	NA	47	NA	47	NA	47	NA	47	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	140000	NA	46000	NA	46000	NA	46000	NA	46000	NA	46000	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	73	NA	130	NA	130	NA	130	NA	130	NA	130	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	33	NA	18	NA	18	NA	18	NA	18	NA	18	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	13000	NA	1800	NA	1800	NA	1800	NA	1800	NA	1800	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	110000	NA	130000	NA	130000	NA	130000	NA	130000	NA	130000	NA
Lead	mg/kg	450	63	400	NA	NA	NA	1700 B	NA	2100 B	NA	2100 B	NA	2100 B	NA	2100 B	NA	2100 B	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	8200	NA	13000	NA	13000	NA	13000	NA	13000	NA	13000	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	700	NA	560	NA	560	NA	560	NA	560	NA	560	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	2	NA	1.2	NA	1.2	NA	1.2	NA	1.2	NA	1.2	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	1500	NA	310	NA	310	NA	310	NA	310	NA	310	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	500	NA	400	NA	400	NA	400	NA	400	NA	400	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	1.3	NA	< 0.42 U	NA	< 0.42 U	NA	< 0.42 U	NA	< 0.42 U	NA	< 0.42 U	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	330	NA	540	NA	540	NA	540	NA	540	NA	540	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	15	NA	14	NA	14	NA	14	NA	14	NA	14	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	79000	NA	12000	NA	12000	NA	12000	NA	12000	NA	12000	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	0.31 J	NA	0.17 J	NA	0.17 J	NA	0.17 J	NA	0.17 J	NA	0.17 J	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-16	SB-16	SB-17	SB-17	SB-17	SB-17
Sample Name					SB-16-14-16	SB-16-18-20	SB-17-0-2	SB-17-2-4	SB-17-6-8	SB-17-10-12
Sample Depth Interval (ft bgs)					14 - 16 ft	18 - 20 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					12/21/2022	12/21/2022	12/20/2022	12/20/2022	12/20/2022	12/20/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	< 0.074 U	NA	< 0.043 U
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	< 0.37 U	NA	< 0.22 U
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	< 0.15 U	NA	< 0.087 U
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
Styrene	mg/kg	-	300	-	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	< 0.037 U	NA	< 0.022 U
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	< 0.0074 U	NA	< 0.0043 U
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	< 5 U	NA	0.37 J
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	< 1 U	NA	0.24 J
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	< 1 U	NA	1.8 J
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 2 UJ	NA	< 2 UJ
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	< 1 U	NA	< 1 UJ
Acetophenone	mg/kg	-	-	-	NA	NA	NA	2.7	NA	< 2 UJ
Anthracene	mg/kg	1000	100	100	NA	NA	NA	< 1 U	NA	< 1 UJ
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	< 1 U	NA	< 1 UJ
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	0.76 J	NA	< 2 UJ
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	< 1 U	NA	< 1 UJ
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	< 1 U	NA	< 1 UJ
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	< 1 U	NA	< 1 UJ
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	< 1 U	NA	< 1 UJ
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	12	NA	20 J
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	110	NA	420
Carpolactam	mg/kg	-	-	-	NA	NA	NA	< 2 U	NA	< 2 UJ
Carbazole	mg/kg	-	-	-	NA	NA	NA	< 1 U	NA	< 1 UJ
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	< 1 U	NA	< 1 UJ
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	< 1 U	NA	< 1 UJ
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	< 2 U	NA	< 2 UJ
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	< 2 U	NA	< 2 UJ
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	< 2 U	NA	< 2 UJ
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	1.6 J	NA	1.6 J
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	27	NA	52 J
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	< 1 U	NA	0.9 J
Fluorene	mg/kg	386	30	100	NA	NA	NA	< 1 U	NA	< 1 UJ
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	< 1 U	NA	< 1 UJ
Naphthalene	mg/kg	12	12	84	NA	NA	NA	< 1 U	NA	0.84 J
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	< 2 U	NA	< 2 UJ
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	< 1 U	NA	1.4 J
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 2 UJ	NA	< 2 UJ
Pyrene	mg/kg	1000	64	100	NA	NA	NA	0.5 J	NA	1.3 J
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	< 0.12 U	NA	< 0.28 U

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-16			SB-16		SB-17		SB-17		SB-17	
Sample Name		SB-16-14-16			SB-16-18-20		SB-17-0-2		SB-17-2-4		SB-17-6-8	
Sample Depth Interval (ft bgs)		14 - 16 ft			18 - 20 ft		0 - 2 ft		2 - 4 ft		6 - 8 ft	
Sample Date		12/21/2022			12/21/2022		12/20/2022		12/20/2022		12/20/2022	
Analyte	Unit	Criteria										
		(1)	(2)	(3)								
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	< 0.12 U	NA	NA	< 0.28 U	
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	< 0.17 U	NA	NA	3.2	
Polychlorinated Biphenyls (PCBs)												
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.11 U	< 0.091 U	< 2 U	< 2 U	< 2 U	< 2 U	< 22 U	
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	NA	< 0.091 U	17	22	17	17	110	
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	NA	< 0.091 U	21	31	19	19	47	
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	NA	< 0.091 U	5.8	7.5	5.2	5.2	19 J	
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.11 U	< 0.091 U	< 2 U	< 2 U	< 2 U	< 2 U	< 22 U	
PCB (total)	mg/kg	3.2	0.1	1	ND	ND	44	61	41	41	180	
Metals and Inorganics												
Aluminum	mg/kg	-	10000	-	NA	NA	NA	5100	NA	NA	2900	
Antimony	mg/kg	-	12	-	NA	NA	NA	31	NA	NA	29	
Arsenic	mg/kg	16	13	16	NA	NA	NA	14	NA	NA	13	
Barium	mg/kg	820	410	410	NA	NA	NA	1200	NA	NA	1100	
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	0.073 J	NA	NA	0.069 J	
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	44	NA	NA	43	
Calcium	mg/kg	-	10000	-	NA	NA	NA	31000	NA	NA	31000	
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	140	NA	NA	120	
Cobalt	mg/kg	-	20	30	NA	NA	NA	29	NA	NA	19	
Copper	mg/kg	1720	50	280	NA	NA	NA	2700	NA	NA	910	
Iron	mg/kg	-	2000	2000	NA	NA	NA	140000	NA	NA	160000	
Lead	mg/kg	450	63	400	NA	NA	NA	1700	NA	NA	1800	
Magnesium	mg/kg	-	-	-	NA	NA	NA	6700	NA	NA	6600	
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	620	NA	NA	690	
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	3.3	NA	NA	1.3	
Nickel	mg/kg	130	30	87	NA	NA	NA	240	NA	NA	270	
Potassium	mg/kg	-	-	-	NA	NA	NA	360	NA	NA	290	
Silver	mg/kg	8.3	2	22	NA	NA	NA	< 0.46 U	NA	NA	< 0.46 U	
Sodium	mg/kg	-	-	-	NA	NA	NA	170 J	NA	NA	300	
Vanadium	mg/kg	-	39	100	NA	NA	NA	20	NA	NA	12	
Zinc	mg/kg	2480	109	1300	NA	NA	NA	4300	NA	NA	3600	
Miscellaneous Parameters												
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	0.69 J	NA	NA	0.18 J	

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
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Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

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Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-17	SB-18	SB-18	SB-18	SB-18	SB-19
Sample Name					SB-17-13-15	SB-18-0-2	SB-18-2-4	SB-18-6-8	SB-18-11-13	SB-19-0-2
Sample Depth Interval (ft bgs)					13 - 15 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	11 - 13 ft	0 - 2 ft
Sample Date					12/20/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	< 0.0053 UJ
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	< 0.0053 U
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	< 0.0053 U
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	< 0.053 UJ
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	< 0.27 U
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	< 0.0053 UJ
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	< 0.0053 U
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	< 0.0053 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	< 0.0053 U
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	< 0.0053 U
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	< 0.11 UJ
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	< 0.0053 U
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	< 0.0053 U
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	< 0.0053 U
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	< 0.027 U
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	< 0.0053 U
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	< 49 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	< 1 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	< 12 U
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	< 25 U
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	< 12 U
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	< 25 U
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	< 12 U
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	< 12 U
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	< 25 U
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	< 12 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	< 12 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	< 12 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	< 12 U
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	13 J
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	99
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	< 25 U
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	< 12 U
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	< 12 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	< 12 U
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	< 25 U
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	< 25 U
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	< 25 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	< 25 U
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	< 25 U
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	< 12 U
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	< 12 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	< 12 U
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	< 12 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	< 25 U
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	< 12 U
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	< 25 U
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	< 12 U
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	< 0.29 U

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-17			SB-18			SB-18			SB-18			SB-19		
Sample Name		SB-17-13-15			SB-18-0-2			SB-18-2-4			SB-18-6-8			SB-18-11-13		
Sample Depth Interval (ft bgs)		13 - 15 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft			11 - 13 ft		
Sample Date		12/20/2022			12/21/2022			12/21/2022			12/21/2022			12/21/2022		
Analyte	Unit	Criteria														
		(1)	(2)	(3)												
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.29 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.44 U
Polychlorinated Biphenyls (PCBs)																
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.096 U	< 6 U	< 6 U	< 5 U	< 0.098 U	< 6 U						
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	0.074 J	NA	NA	NA	NA	30						
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	0.058 J	44	NA	NA	NA	38						
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 0.096 U	6.9 J	NA	NA	NA	NA						
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.096 U	< 6 U	NA	< 5 U	< 0.098 UJ	< 6 U						
PCB (total)	mg/kg	3.2	0.1	1	0.13	51	ND	ND	ND	68						
Metals and Inorganics																
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8400
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	67 J-
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1300
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.16 J
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	80 J-
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	20000
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	190
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	35 J-
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5400
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	210000
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3400
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6800
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	880
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.1
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	360
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	340 J+
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.6
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	160 J+
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9600
Miscellaneous Parameters																
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.15 UJ

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-19	SB-19	SB-19	SB-20	SB-20	SB-20
Sample Name					SB-19-2-4	SB-19-6-8	SB-19-10-12	SB-20-0-2	SB-20-2-4	SB-20-6-8
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft
Sample Date					12/21/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	< 0.0041 UJ	NA	NA	< 0.0044 UJ	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	< 0.0041 U	NA	NA	< 0.0044 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	0.0013 J	NA	NA	< 0.0044 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	< 0.041 UJ	NA	NA	< 0.044 UJ	NA
Acetone	mg/kg	0.03	0.03	100	NA	< 0.21 U	NA	NA	< 0.22 U	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	0.0032 J	NA	NA	< 0.0044 UJ	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	< 0.0041 U	NA	NA	< 0.0044 U	NA
Ethylbenzene	mg/kg	1	1	32	NA	0.011	NA	NA	< 0.0044 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	0.0037 J	NA	NA	< 0.0044 U	NA
Methyl Acetate	mg/kg	-	-	-	NA	< 0.0041 U	NA	NA	< 0.0044 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	< 0.083 UJ	NA	NA	< 0.088 UJ	NA
Methylcyclohexane	mg/kg	-	-	-	NA	< 0.0041 U	NA	NA	< 0.0044 U	NA
Styrene	mg/kg	-	300	-	NA	< 0.0041 U	NA	NA	< 0.0044 U	NA
Toluene	mg/kg	0.7	0.7	100	NA	0.0064	NA	NA	< 0.0044 U	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	< 0.021 U	NA	NA	< 0.022 U	NA
Xylenes	mg/kg	1.2	0.26	100	NA	0.04	NA	NA	< 0.0044 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	< 27 U	NA	NA	< 14 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	< 1 U	NA	NA	< 1 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	< 7 U	NA	NA	< 4 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	4.7 J	NA	NA	< 7 U	NA
Acenaphthene	mg/kg	98	20	100	NA	< 7 U	NA	NA	< 4 U	NA
Acetophenone	mg/kg	-	-	-	NA	< 13 U	NA	NA	1.7 J	NA
Anthracene	mg/kg	1000	100	100	NA	3.1 J	NA	NA	< 4 U	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	< 7 U	NA	NA	< 4 U	NA
Benzaldehyde	mg/kg	-	-	-	NA	< 13 U	NA	NA	< 7 U	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	< 7 U	NA	NA	< 4 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	2.5 J	NA	NA	< 4 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	< 7 U	NA	NA	< 4 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	< 7 U	NA	NA	< 4 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	35	NA	NA	9.1	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	760	NA	NA	150	NA
Carpolactam	mg/kg	-	-	-	NA	< 13 U	NA	NA	< 7 U	NA
Carbazole	mg/kg	-	-	-	NA	< 7 U	NA	NA	< 4 U	NA
Chrysene	mg/kg	1	1	1.2	NA	3.4 J	NA	NA	< 4 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	< 7 U	NA	NA	< 4 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	< 13 U	NA	NA	< 7 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	< 13 U	NA	NA	< 7 U	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	< 13 U	NA	NA	< 7 U	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	7.1 J	NA	NA	< 7 U	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	120	NA	NA	8.6	NA
Fluoranthene	mg/kg	1000	85	100	NA	3.8 J	NA	NA	< 4 U	NA
Fluorene	mg/kg	386	30	100	NA	< 7 U	NA	NA	< 4 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	< 7 U	NA	NA	< 4 U	NA
Naphthalene	mg/kg	12	12	84	NA	< 7 U	NA	NA	< 4 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	< 13 U	NA	NA	< 7 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	3.4 J	NA	NA	< 4 U	NA
Phenol	mg/kg	0.33	0.33	100	NA	3.3 J	NA	NA	< 7 U	NA
Pyrene	mg/kg	1000	64	100	NA	7.4	NA	NA	< 4 U	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	< 0.26 U	NA	NA	< 0.27 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-19			SB-20		
Sample Name		SB-19-2-4			SB-20-0-2		
Sample Depth Interval (ft bgs)		2 - 4 ft			0 - 2 ft		
Sample Date		12/21/2022			12/21/2022		
Analyte	Unit	Criteria					
		(1)	(2)	(3)			
Dieldrin	mg/kg	0.1	0.005	0.017	NA	< 0.26 U	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	< 0.40 U	NA
Polychlorinated Biphenyls (PCBs)							
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 5 U	< 0.097 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	NA	35	< 0.097 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	NA	24	< 0.097 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	NA	NA	NA
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 5 U	< 0.097 UJ
PCB (total)	mg/kg	3.2	0.1	1	ND	59	ND
Metals and Inorganics							
Aluminum	mg/kg	-	10000	-	NA	4500	NA
Antimony	mg/kg	-	12	-	NA	39	NA
Arsenic	mg/kg	16	13	16	NA	21	NA
Barium	mg/kg	820	410	410	NA	1400	NA
Beryllium	mg/kg	47	4.4	8.8	NA	< 0.22 U	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	71	NA
Calcium	mg/kg	-	10000	-	NA	51000	NA
Chromium (total)	mg/kg	19	1	1	NA	120	NA
Cobalt	mg/kg	-	20	30	NA	27	NA
Copper	mg/kg	1720	50	280	NA	3800	NA
Iron	mg/kg	-	2000	2000	NA	210000	NA
Lead	mg/kg	450	63	400	NA	2200 B	NA
Magnesium	mg/kg	-	-	-	NA	9600	NA
Manganese	mg/kg	2000	1600	2000	NA	860	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	2	NA
Nickel	mg/kg	130	30	87	NA	440	NA
Potassium	mg/kg	-	-	-	NA	370	NA
Silver	mg/kg	8.3	2	22	NA	< 0.44 U	NA
Sodium	mg/kg	-	-	-	NA	380	NA
Vanadium	mg/kg	-	39	100	NA	20	NA
Zinc	mg/kg	2480	109	1300	NA	13000	NA
Miscellaneous Parameters							
Cyanide	mg/kg	40	2.3	2.6	NA	< 0.14 UJ	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
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Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-20	SB-20	SB-21	SB-21	SB-21	SB-22
Sample Name					SB-20-8.5-10	SB-170-8.5-10	SB-21-0-2	SB-21-2-4	SB-21-4.2-5.0	SB-22-0-2
Sample Depth Interval (ft bgs)					8.5 - 10 ft	8.5 - 10 ft	0 - 2 ft	2 - 4 ft	4.2 - 5 ft	0 - 2 ft
Sample Date					12/21/2022	12/21/2022	1/4/2023	1/4/2023	1/4/2023	12/21/2022
Analyte	Unit	Criteria				Field Duplicate				
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0018 UJ	< 0.002 UJ	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0018 U	< 0.002 U	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0018 U	< 0.002 U	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.018 UJ	< 0.02 UJ	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	< 0.09 U	< 0.1 U	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0018 UJ	< 0.002 UJ	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0018 U	< 0.002 U	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0018 U	< 0.002 U	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0018 U	< 0.002 U	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0018 U	< 0.002 U	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	< 0.036 UJ	< 0.041 UJ	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0018 U	< 0.002 U	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	< 0.0018 U	< 0.002 U	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	< 0.0018 U	< 0.002 U	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.009 U	< 0.01 U	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0018 U	< 0.002 U	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 1 U	< 1 U	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.058 U	< 0.058 U	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.2 U	< 0.2 U	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	< 0.2 U	< 0.2 U	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	< 0.39 U	< 0.39 U	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	< 0.2 U	< 0.2 U	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0046 U	< 0.0046 U	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-20			SB-20		SB-21	SB-21	SB-21	SB-22
Sample Name		SB-20-8.5-10			SB-170-8.5-10		SB-21-0-2	SB-21-2-4	SB-21-4.2-5.0	SB-22-0-2
Sample Depth Interval (ft bgs)		8.5 - 10 ft			8.5 - 10 ft		0 - 2 ft	2 - 4 ft	4.2 - 5 ft	0 - 2 ft
Sample Date		12/21/2022			12/21/2022		1/4/2023	1/4/2023	1/4/2023	12/21/2022
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0046 U	< 0.0046 U	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.0069 U	< 0.0069 U	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.092 U	< 0.093 U	< 1 U	< 1 U	< 0.097 U	< 2 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	NA	< 0.093 U	3.4	5.7	< 0.097 U	NA
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	NA	< 0.093 U	4.2	5.4	< 0.097 U	NA
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 0.092 U	< 0.093 U	1.4	1.4	< 0.097 U	NA
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.092 UJ	< 0.093 UJ	< 1 U	< 1 U	< 0.097 U	< 2 U
PCB (total)	mg/kg	3.2	0.1	1	ND	ND	9.0	13	ND	ND
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	2600	2800	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	< 2 U	< 2 U	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	1.5 J	1.6 J	NA	NA	NA	NA
Barium	mg/kg	820	410	410	15	16	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	0.077 J	0.086 J	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	< 0.37 U	< 0.36 U	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	9100	11000	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	3.7	3.8	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	2.3	2.4	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	5	5.2	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	5400	5800	NA	NA	NA	NA
Lead	mg/kg	450	63	400	2.4	2	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	6200	7000	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	350	410	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	< 0.03 U	< 0.028 U	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	4.8	5.2	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	460	460	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	< 0.37 U	< 0.36 U	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	54 J	58 J	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	5.5	5.9	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	17	12	NA	NA	NA	NA
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	< 0.12 UJ	< 0.11 UJ	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
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Definitions:

ft bgs - feet below ground surface

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Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-22	SB-22	SB-22	SB-22	SB-22	SB-22
Sample Name					SB-22-2-4	SB-22-6-8	SB-22-10-12	SB-22-14-16	SB-22-18-20	SB-22-23-24
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft	18 - 20 ft	23 - 24 ft
Sample Date					12/21/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-22			SB-22			SB-22			SB-22		
Sample Name		SB-22-2-4			SB-22-6-8			SB-22-10-12			SB-22-14-16		
Sample Depth Interval (ft bgs)		2 - 4 ft			6 - 8 ft			10 - 12 ft			14 - 16 ft		
Sample Date		12/21/2022			12/21/2022			12/21/2022			12/21/2022		
Analyte	Unit	Criteria											
		(1)	(2)	(3)									
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)													
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 2 U	NA	NA	NA	NA	NA	NA	NA	< 0.088 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	NA	< 2 U	< 2 U	< 6 U	< 2 U	< 2 U	< 0.088 U	< 0.088 U	< 0.088 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	2.8 J	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 6 U	< 2 U	< 2 U	< 0.088 U	< 0.088 U	< 0.088 U
PCB (total)	mg/kg	3.2	0.1	1	2.8	ND	ND	ND	ND	ND	ND	ND	ND
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters													
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-23	SB-23	SB-23	SB-23	SB-23	SB-23
Sample Name					SB-23-0-2	SB-23-2-4	SB-23-6-8	SB-173-6-8	SB-23-10-12	SB-23-14-16
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022
Analyte	Unit	Criteria						Field Duplicate		
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-23			SB-23			SB-23			SB-23		
Sample Name		SB-23-0-2			SB-23-2-4			SB-23-6-8			SB-23-10-12		
Sample Depth Interval (ft bgs)		0 - 2 ft			2 - 4 ft			6 - 8 ft			10 - 12 ft		
Sample Date		12/22/2022			12/22/2022			12/22/2022			12/22/2022		
Analyte	Unit	Criteria							Field Duplicate				
		(1)	(2)	(3)									
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)													
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.086 U	91	50	48	67	42			
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 0.086 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U			
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.086 U	72	21	25 J	47 J	31			
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 0.086 U	18	7.7	9.8	10 J	11			
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.086 U	< 5 U	< 5 U	< 5 U	< 5 U	< 6 U			
PCB (total)	mg/kg	3.2	0.1	1	ND	180	79	83	120	84			
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters													
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-23	SB-23	SB-24	SB-24	SB-24	SB-24
Sample Name					SB-23-18-20	SB-23-24-25	SB-24-0-2	SB-24-2-4	SB-24-6-8	SB-24-10-12
Sample Depth Interval (ft bgs)					18 - 20 ft	24 - 25 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-23			SB-23			SB-24			SB-24			SB-24			SB-24		
Sample Name		SB-23-18-20			SB-23-24-25			SB-24-0-2			SB-24-2-4			SB-24-6-8			SB-24-10-12		
Sample Depth Interval (ft bgs)		18 - 20 ft			24 - 25 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft			10 - 12 ft		
Sample Date		12/22/2022			12/22/2022			12/22/2022			12/22/2022			12/22/2022			12/22/2022		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	49	0.21	8.8	100	41	16									
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 5 U	< 0.095 U	< 2 U	< 26 U	< 14 U	< 3 U									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	29	0.11	10	49	27	12									
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	7.9 J	0.038 J	3.4	13 J	8.8 J	3.1									
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5 U	< 0.095 U	< 2 U	< 26 U	< 14 U	< 3 U									
PCB (total)	mg/kg	3.2	0.1	1	86	0.36	22	160	77	31									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA									
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA									
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA									
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA									
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA									
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA									
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA									
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA									
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA									
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA									
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA									
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA									
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA									
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA									
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA									
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA									
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA									
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA									
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA									
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA									
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA									
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-24	SB-24	SB-24	SB-25	SB-25	SB-25
Sample Name					SB-24-14-16	SB-24-18-20	SB-24-23-24	SB-25-0-2	SB-25-2-4	SB-25-6-8
Sample Depth Interval (ft bgs)					14 - 16 ft	18 - 20 ft	23 - 24 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/21/2022	12/21/2022	12/21/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-24			SB-25		
Sample Name		SB-24-14-16			SB-25-0-2		
Sample Depth Interval (ft bgs)		14 - 16 ft			0 - 2 ft		
Sample Date		12/22/2022			12/21/2022		
Analyte	Unit	Criteria			(1)	(2)	(3)
		(1)	(2)	(3)			
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA
Polychlorinated Biphenyls (PCBs)							
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	35	34 J	0.064 J
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 6 U	< 5 U	< 0.1 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	22	29	0.057 J
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	5.7	5.6	< 0.1 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 5 U	< 0.1 U
PCB (total)	mg/kg	3.2	0.1	1	63	69	0.12
Metals and Inorganics							
Aluminum	mg/kg	-	10000	-	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA
Miscellaneous Parameters							
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

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Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-25	SB-25	SB-26	SB-26	SB-27	SB-27
Sample Name					SB-25-10-12	SB-25-12.5-14	SB-26-0.0-1.0	SB-26-1.2-1.8	SB-27-0-2	SB-27-2-4
Sample Depth Interval (ft bgs)					10 - 12 ft	12.5 - 14 ft	0 - 1 ft	1.2 - 1.8 ft	0 - 2 ft	2 - 4 ft
Sample Date					12/21/2022	12/21/2022	1/3/2023	1/3/2023	1/4/2023	1/4/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	< 0.0022 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	< 0.0022 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	< 0.0022 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	< 0.022 U	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	0.18	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	0.002 J	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	< 0.0022 U	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	< 0.0022 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	< 0.0022 U	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0022 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	0.016 J	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0022 U	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	< 0.0022 U	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	0.0016 J	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.011 U	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	< 0.0022 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	< 1 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	< 0.066 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	< 0.23 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 0.45 U	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	< 0.23 U	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	< 0.45 U	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	0.23	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	0.45	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	0.14 J	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	0.39	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	0.5	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	0.29	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	0.19 J	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	2.1	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	8.8	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	0.15 J	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	0.13 J	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	0.45	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	< 0.23 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	< 0.45 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	0.14 J	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	0.45 J	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	0.14 J	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	0.36 J	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	1	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	0.13 J	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	0.28	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	< 0.23 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	0.11 J	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	0.99	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 0.45 U	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	1.1	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	< 0.11 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-25			SB-25		SB-26		SB-26		SB-27	
Sample Name		SB-25-10-12			SB-25-12.5-14		SB-26-0.0-1.0		SB-26-1.2-1.8		SB-27-0-2	
Sample Depth Interval (ft bgs)		10 - 12 ft			12.5 - 14 ft		0 - 1 ft		1.2 - 1.8 ft		0 - 2 ft	
Sample Date		12/21/2022			12/21/2022		1/3/2023		1/3/2023		1/4/2023	
Analyte	Unit	Criteria										
		(1)	(2)	(3)								
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	< 0.11 U	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	< 0.16 U	NA	NA
Polychlorinated Biphenyls (PCBs)												
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.096 U	< 0.1 U	4.9	< 0.15 U	< 1 U	< 0.092 U	NA	NA
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	0.17	< 0.1 U	< 1 U	< 0.15 U	3.4	< 0.092 U	NA	NA
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	NA	NA	11	0.15	2.8	< 0.092 U	NA	NA
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	NA	< 0.1 U	2.8	< 0.15 U	0.71 J	< 0.092 U	NA	NA
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.096 UJ	< 0.1 UJ	< 1 U	< 0.15 U	< 1 U	< 0.092 U	NA	NA
PCB (total)	mg/kg	3.2	0.1	1	0.17	ND	19	0.15	6.9	ND	NA	NA
Metals and Inorganics												
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	5400	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	< 2 UJ	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	3.2 J	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	130	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	0.098 J	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	6.4	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	6600	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	19 J-	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	7.5 J+	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	250 B	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	26000	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	240	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	2600	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	280	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	0.35	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	46 J-	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	350	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	0.49	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	42 J	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	10	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	1200	NA	NA	NA
Miscellaneous Parameters												
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	< 0.13 U	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-28	SB-28	SB-28	SB-28	SB-28	SB-29
Sample Name					SB-28-0-2	SB-28-2-4	SB-28-6-8	SB-28-10-12	SB-28-14-15	SB-29-0-2
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 15 ft	0 - 2 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/5/2023	12/22/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-28			SB-28			SB-28			SB-28			SB-28			SB-29		
Sample Name		SB-28-0-2			SB-28-2-4			SB-28-6-8			SB-28-10-12			SB-28-14-15			SB-29-0-2		
Sample Depth Interval (ft bgs)		0 - 2 ft			2 - 4 ft			6 - 8 ft			10 - 12 ft			14 - 15 ft			0 - 2 ft		
Sample Date		1/5/2023			1/5/2023			1/5/2023			1/5/2023			1/5/2023			12/22/2022		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	36	52	46	42	42	35	35	35	35	35	35	35	35	35	35
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	40	33	42	42	42	35	35	35	35	35	35	35	35	35	35
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	12	15	11	11	11	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	7.7	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U
PCB (total)	mg/kg	3.2	0.1	1	88	110	99	99	99	85	85	85	85	85	85	85	85	85	85
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

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UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-29	SB-29	SB-29	SB-29	SB-29	SB-29
Sample Name					SB-29-2-4	SB-29-6-8	SB-29-10-12	SB-29-14-16	SB-29-18-20	SB-29-22-24
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft	18 - 20 ft	22 - 24 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-29			SB-29			SB-29			SB-29		
Sample Name		SB-29-2-4			SB-29-6-8			SB-29-10-12			SB-29-14-16		
Sample Depth Interval (ft bgs)		2 - 4 ft			6 - 8 ft			10 - 12 ft			14 - 16 ft		
Sample Date		12/22/2022			12/22/2022			12/22/2022			12/22/2022		
Analyte	Unit	Criteria											
		(1)	(2)	(3)									
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)													
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 13 U	26	28	37	0.35	NA			
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	43	< 3 U	< 3 U	< 3 U	< 0.11 U	< 0.095 U			
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	110	21	18	31	0.22	< 0.095 U			
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	NA	4.5	4.4	6.7	0.063 J	< 0.095 U			
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 13 U	< 3 U	< 3 U	< 3 U	< 0.11 U	< 0.095 U			
PCB (total)	mg/kg	3.2	0.1	1	150	52	50	75	0.63	ND			
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters													
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-30	SB-30	SB-30	SB-30	SB-30	SB-30
Sample Name					SB-30-0-2	SB-30-2-4	SB-180-2-4	SB-30-6-8	SB-30-10-12	SB-30-14-16
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022
Analyte	Unit	Criteria					Field Duplicate			
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0054 U	NA	NA	0.0039 J	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0054 U	NA	NA	0.0028 J	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0054 U	NA	NA	< 0.0074 U	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.054 U	NA	NA	< 0.074 U	NA	NA
Acetone	mg/kg	0.03	0.03	100	< 0.27 U	NA	NA	< 0.37 U	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0054 U	NA	NA	0.013	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0054 U	NA	NA	0.0028 J	NA	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0054 U	NA	NA	0.026	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0054 U	NA	NA	0.012	NA	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0054 U	NA	NA	< 0.0074 U	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	< 0.11 U	NA	NA	< 0.15 U	NA	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0054 U	NA	NA	< 0.0074 U	NA	NA
Styrene	mg/kg	-	300	-	< 0.0054 U	NA	NA	0.0063 J	NA	NA
Toluene	mg/kg	0.7	0.7	100	< 0.0054 U	NA	NA	0.046	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.027 U	NA	NA	< 0.037 U	NA	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0054 U	NA	NA	0.011	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 3 U	NA	NA	< 1 U	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 2 U	NA	NA	< 1 U	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 1 U	NA	NA	< 0.24 U	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 1 U	NA	NA	< 0.47 U	NA	NA
Acenaphthene	mg/kg	98	20	100	< 1 U	NA	NA	< 0.24 U	NA	NA
Acetophenone	mg/kg	-	-	-	< 1 U	NA	NA	< 0.47 U	NA	NA
Anthracene	mg/kg	1000	100	100	0.31 J	NA	NA	< 0.24 U	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	< 1 U	NA	NA	< 0.24 U	NA	NA
Benzaldehyde	mg/kg	-	-	-	0.28 J	NA	NA	0.16 J	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 1 U	NA	NA	< 0.24 U	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	0.32 J	NA	NA	< 0.24 U	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	0.36 J	NA	NA	< 0.24 U	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 1 U	NA	NA	< 0.24 U	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	8.9	NA	NA	< 0.47 U	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	83	NA	NA	0.21 J	NA	NA
Carpolactam	mg/kg	-	-	-	< 1 U	NA	NA	< 0.47 U	NA	NA
Carbazole	mg/kg	-	-	-	< 1 U	NA	NA	< 0.24 U	NA	NA
Chrysene	mg/kg	1	1	1.2	0.31 J	NA	NA	< 0.24 U	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 1 U	NA	NA	< 0.24 U	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 1 U	NA	NA	< 0.47 U	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 1 U	NA	NA	< 0.47 U	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	< 1 U	NA	NA	< 0.47 U	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	1.2 J	NA	NA	< 0.47 U	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	13	NA	NA	< 0.47 U	NA	NA
Fluoranthene	mg/kg	1000	85	100	0.35 J	NA	NA	< 0.24 U	NA	NA
Fluorene	mg/kg	386	30	100	< 1 U	NA	NA	< 0.24 U	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 1 U	NA	NA	< 0.24 U	NA	NA
Naphthalene	mg/kg	12	12	84	< 1 U	NA	NA	< 0.24 U	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 1 U	NA	NA	< 0.47 U	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 1 U	NA	NA	< 0.24 U	NA	NA
Phenol	mg/kg	0.33	0.33	100	0.58 J	NA	NA	< 0.47 U	NA	NA
Pyrene	mg/kg	1000	64	100	0.57 J	NA	NA	< 0.24 U	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.42 U	NA	NA	< 0.28 U	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-30			SB-30			SB-30			SB-30		
Sample Name		SB-30-0-2			SB-30-2-4			SB-180-2-4			SB-30-6-8		
Sample Depth Interval (ft bgs)		0 - 2 ft			2 - 4 ft			2 - 4 ft			6 - 8 ft		
Sample Date		12/22/2022			12/22/2022			12/22/2022			12/22/2022		
Analyte	Unit	Criteria			Field Duplicate								
		(1)	(2)	(3)									
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.42 U	NA	NA	< 0.28 U	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.63 U	NA	NA	< 0.42 U	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)													
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	18	62	41	52	63	100			
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 4 U	< 3 U	< 3 U	< 3 U	< 3 U	< 6 U			
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	40	32	21	33	32	41			
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	10	6.2	4.7	6.1	7.6	NA			
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 4 U	< 3 U	< 3 U	< 3 U	< 3 U	< 6 U			
PCB (total)	mg/kg	3.2	0.1	1	68	100	67	91	100	140			
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	3300	NA	NA	6900	NA	NA			
Antimony	mg/kg	-	12	-	19	NA	NA	30	NA	NA			
Arsenic	mg/kg	16	13	16	10	NA	NA	11	NA	NA			
Barium	mg/kg	820	410	410	820	NA	NA	2300	NA	NA			
Beryllium	mg/kg	47	4.4	8.8	< 0.34 U	NA	NA	0.32	NA	NA			
Cadmium	mg/kg	7.5	2.5	2.5	49	NA	NA	78	NA	NA			
Calcium	mg/kg	-	10000	-	17000	NA	NA	29000	NA	NA			
Chromium (total)	mg/kg	19	1	1	92	NA	NA	160	NA	NA			
Cobalt	mg/kg	-	20	30	25	NA	NA	39	NA	NA			
Copper	mg/kg	1720	50	280	1000	NA	NA	5500	NA	NA			
Iron	mg/kg	-	2000	2000	150000	NA	NA	250000	NA	NA			
Lead	mg/kg	450	63	400	1700	NA	NA	3300	NA	NA			
Magnesium	mg/kg	-	-	-	4000	NA	NA	6800	NA	NA			
Manganese	mg/kg	2000	1600	2000	690	NA	NA	990	NA	NA			
Mercury	mg/kg	0.73	0.18	0.3	6.2	NA	NA	2.8	NA	NA			
Nickel	mg/kg	130	30	87	220	NA	NA	330	NA	NA			
Potassium	mg/kg	-	-	-	220 J	NA	NA	430	NA	NA			
Silver	mg/kg	8.3	2	22	< 1 U	NA	NA	< 0.44 U	NA	NA			
Sodium	mg/kg	-	-	-	92 J	NA	NA	920	NA	NA			
Vanadium	mg/kg	-	39	100	9.6	NA	NA	16	NA	NA			
Zinc	mg/kg	2480	109	1300	6000	NA	NA	9100	NA	NA			
Miscellaneous Parameters													
Cyanide	mg/kg	40	2.3	2.6	< 0.18 UJ	NA	NA	< 0.14 U	NA	NA			

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-30	SB-30	SB-31	SB-31	SB-31	SB-31
Sample Name					SB-30-18-20	SB-30-22.5-24	SB-31-0-2	SB-31-2-4	SB-31-6-8	SB-31-10-12
Sample Depth Interval (ft bgs)					18 - 20 ft	22.5 - 24 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	< 0.002 U	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	< 0.002 U	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	< 0.002 U	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	< 0.02 U	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	< 0.1 U	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	0.00085 J	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	< 0.002 U	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	0.00093 J	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	< 0.002 U	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	< 0.002 U	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	< 0.041 U	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	< 0.002 U	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	< 0.002 U	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	0.0024	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	< 0.01 U	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	< 0.002 U	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	< 1 U	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	< 0.066 U	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	< 0.22 U	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	< 0.45 U	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	< 0.22 U	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	< 0.45 U	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	< 0.22 U	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	< 0.22 U	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	< 0.45 U	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	< 0.22 U	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	< 0.22 U	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	< 0.22 U	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	< 0.22 U	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	< 0.45 U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	< 0.45 U	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	< 0.45 U	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	< 0.22 U	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	< 0.22 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	< 0.22 U	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	< 0.45 U	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	< 0.45 U	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	< 0.45 U	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	< 0.45 U	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	< 0.45 U	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	< 0.22 U	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	< 0.22 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	< 0.22 U	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	< 0.22 U	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	< 0.45 U	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	< 0.22 U	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	< 0.45 U	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	< 0.22 U	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	< 0.0053 U	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-30			SB-30			SB-31			SB-31			SB-31			SB-31		
Sample Name		SB-30-18-20			SB-30-22.5-24			SB-31-0-2			SB-31-2-4			SB-31-6-8			SB-31-10-12		
Sample Depth Interval (ft bgs)		18 - 20 ft			22.5 - 24 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft			10 - 12 ft		
Sample Date		12/22/2022			12/22/2022			12/22/2022			12/22/2022			12/22/2022			12/22/2022		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	< 0.0053 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	< 0.0079 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	29	< 0.11 U	18	30	33	43									
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 3 U	< 0.11 U	< 2 U	< 3 U	< 3 U	< 3 U									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	22	0.056 J	21	21	21	23									
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	6.1	NA	6.3	5.4	4.9 J	5.6									
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 3 U	< 0.11 U	< 2 U	< 3 U	< 3 U	< 3 U									
PCB (total)	mg/kg	3.2	0.1	1	57	0.056	45	56	59	72									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	7500	NA	NA	NA	NA									
Antimony	mg/kg	-	12	-	NA	< 2 UJ	NA	NA	NA	NA									
Arsenic	mg/kg	16	13	16	NA	5.5	NA	NA	NA	NA									
Barium	mg/kg	820	410	410	NA	46 J-	NA	NA	NA	NA									
Beryllium	mg/kg	47	4.4	8.8	NA	0.42	NA	NA	NA	NA									
Cadmium	mg/kg	7.5	2.5	2.5	NA	< 0.44 U	NA	NA	NA	NA									
Calcium	mg/kg	-	10000	-	NA	1200	NA	NA	NA	NA									
Chromium (total)	mg/kg	19	1	1	NA	10	NA	NA	NA	NA									
Cobalt	mg/kg	-	20	30	NA	6	NA	NA	NA	NA									
Copper	mg/kg	1720	50	280	NA	17	NA	NA	NA	NA									
Iron	mg/kg	-	2000	2000	NA	21000	NA	NA	NA	NA									
Lead	mg/kg	450	63	400	NA	4.4	NA	NA	NA	NA									
Magnesium	mg/kg	-	-	-	NA	4100	NA	NA	NA	NA									
Manganese	mg/kg	2000	1600	2000	NA	670	NA	NA	NA	NA									
Mercury	mg/kg	0.73	0.18	0.3	NA	0.068	NA	NA	NA	NA									
Nickel	mg/kg	130	30	87	NA	13	NA	NA	NA	NA									
Potassium	mg/kg	-	-	-	NA	920	NA	NA	NA	NA									
Silver	mg/kg	8.3	2	22	NA	< 0.44 U	NA	NA	NA	NA									
Sodium	mg/kg	-	-	-	NA	820	NA	NA	NA	NA									
Vanadium	mg/kg	-	39	100	NA	14	NA	NA	NA	NA									
Zinc	mg/kg	2480	109	1300	NA	31	NA	NA	NA	NA									
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	0.14	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

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J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-31	SB-31	SB-31	SB-32	SB-32	SB-32
Sample Name					SB-31-14-16	SB-31-18-20	SB-31-21-22	SB-32-0-2	SB-32-2-4	SB-182-2-4
Sample Depth Interval (ft bgs)					14 - 16 ft	18 - 20 ft	21 - 22 ft	0 - 2 ft	2 - 4 ft	2 - 4 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	1/5/2023	1/5/2023	1/5/2023
Analyte	Unit	Criteria								Field Duplicate
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	< 0.0032 U	< 0.0067 U
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	< 0.0032 U	< 0.0067 U
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	< 0.0032 U	< 0.0067 U
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	< 0.032 U	< 0.067 U
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	< 0.16 U	< 0.33 U
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	0.0019 J	0.0042 J
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	< 0.0032 U	< 0.0067 U
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	0.0083	0.016
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	< 0.0032 U	< 0.0067 U
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0032 U	< 0.0067 U
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	0.021 J	0.033 J
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0032 U	< 0.0067 U
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	0.0014 J	0.0022 J
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	0.00092 J	0.0022 J
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.016 U	< 0.033 U
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	< 0.0032 U	< 0.0067 U
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	< 9 U	0.73 J
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	< 1 U	< 1 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	2.5	< 2 U
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 4 U	< 5 U
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	< 2 U	< 2 U
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	1.5 J	< 5 U
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	< 2 U	< 2 U
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	< 2 U	< 2 U
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	< 4 U	< 5 U
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	< 2 U	< 2 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	< 2 U	< 2 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	< 2 U	< 2 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	< 2 U	< 2 U
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	26 J	15 J
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	230 J	240 J
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	< 4 UJ	< 5 UJ
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	< 2 U	< 2 U
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	< 2 U	< 2 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	< 2 U	< 2 U
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	< 4 U	< 5 U
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	< 4 U	< 5 U
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	< 4 U	< 5 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	29 J	1.7 J
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	21	22
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	< 2 U	< 2 U
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	< 2 U	< 2 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	< 2 U	< 2 U
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	1.9 J	< 2 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	< 4 U	< 5 U
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	< 2 U	< 2 U
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 4 U	< 5 U
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	< 2 U	1.1 J
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	< 0.26 UJ	< 0.27 UJ

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-31			SB-31			SB-31			SB-32			SB-32			SB-32		
Sample Name		SB-31-14-16			SB-31-18-20			SB-31-21-22			SB-32-0-2			SB-32-2-4			SB-182-2-4		
Sample Depth Interval (ft bgs)		14 - 16 ft			18 - 20 ft			21 - 22 ft			0 - 2 ft			2 - 4 ft			2 - 4 ft		
Sample Date		12/22/2022			12/22/2022			12/22/2022			1/5/2023			1/5/2023			1/5/2023		
Analyte	Unit	Criteria																	Field Duplicate
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.26 U					< 0.27 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.41 UJ					< 0.41 UJ
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	37	88	< 0.1 U	< 6 U	< 10 U	< 11 U									
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 3 U	< 32 U	< 0.1 U	29	46	40									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	19	39	< 0.1 U	27	35	35									
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	4.8	12 J	< 0.1 U	8.7	7.9 J	7.5 J									
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 3 U	< 32 U	< 0.1 U	< 6 U	< 10 U	< 11 U									
PCB (total)	mg/kg	3.2	0.1	1	61	140	ND	65	89	83									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	21000 J	7800 J									
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	44	64									
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	7.7	6.3									
Barium	mg/kg	820	410	410	NA	NA	NA	NA	1900	1600									
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	0.43 B	< 0.22 UJ									
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	54	69									
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	38000	34000									
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	180	170									
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	49	52									
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	2200	2600									
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	250000	240000									
Lead	mg/kg	450	63	400	NA	NA	NA	NA	2600	2300									
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	8300	7100									
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	890	1000									
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	2.5	3.5									
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	530	620									
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	220	290									
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	8.1	5.3									
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	240	210 J									
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	26	25									
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	9500	9300									
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	< 0.14 U	< 0.14 U									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-32	SB-32	SB-32	SB-32	SB-33	SB-33
Sample Name					SB-32-6-8	SB-32-10-12	SB-32-14-16	SB-32-19-20	SB-33-0-2	SB-33-2-4
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	14 - 16 ft	19 - 20 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/5/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	< 0.0051 U	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	< 0.0051 U	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	< 0.0051 U	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	0.044 J	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	< 0.26 U	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	0.0032 J	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	< 0.0051 U	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	0.033	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	0.0043 J	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	< 0.0051 U	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	< 0.1 U	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	< 0.0051 U	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	0.0081	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	0.0044 J	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	0.0029 J	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	0.021	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	< 1 U	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	26	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	< 0.22 U	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	< 0.44 U	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	< 0.22 U	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	< 0.44 U	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	< 0.22 U	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	< 0.22 U	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	< 0.44 U	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	< 0.22 U	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	< 0.22 U	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	< 0.22 U	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	< 0.22 U	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	< 0.44 UJ	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	< 0.44 UJ	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	< 0.44 UJ	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	< 0.22 U	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	< 0.22 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	< 0.22 U	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	< 0.44 U	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	< 0.44 U	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	< 0.44 U	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	< 0.44 UJ	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	< 0.44 U	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	< 0.22 U	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	< 0.22 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	< 0.22 U	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	< 0.22 U	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	< 0.44 U	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	< 0.22 U	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	< 0.44 U	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	< 0.22 U	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	< 0.26 UJ	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-32			SB-32			SB-32			SB-32			SB-33			SB-33		
Sample Name		SB-32-6-8			SB-32-10-12			SB-32-14-16			SB-32-19-20			SB-33-0-2			SB-33-2-4		
Sample Depth Interval (ft bgs)		6 - 8 ft			10 - 12 ft			14 - 16 ft			19 - 20 ft			0 - 2 ft			2 - 4 ft		
Sample Date		1/5/2023			1/5/2023			1/5/2023			1/5/2023			1/5/2023			1/5/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	< 0.26 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	< 0.39 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 5 U	< 6 U	< 0.09 U	< 5 U	< 6 U	< 0.09 U	< 5 U	< 6 U	< 0.09 U	< 5 U	< 6 U	< 0.09 U	< 5 U	< 6 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	39	38	27	< 0.09 U	8.8	32	< 0.09 U	15	23	< 0.09 U	2.5 J	5.5 J	< 0.09 U	26	61
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	35	32	29	< 0.09 U	15	23	< 0.09 U	2.5 J	5.5 J	< 0.09 U	2.5 J	5.5 J	< 0.09 U	26	61
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	8.6	15	6.6	< 0.09 U	2.5 J	5.5 J	< 0.09 U	2.5 J	5.5 J	< 0.09 U	2.5 J	5.5 J	< 0.09 U	26	61
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 5 U	< 6 U	< 0.09 U	< 5 U	< 6 U	< 0.09 U	< 5 U	< 6 U	< 0.09 U	< 5 U	< 6 U	< 0.09 U	< 5 U	< 6 U
PCB (total)	mg/kg	3.2	0.1	1	83	85	63	ND	26	61	ND	26	61	ND	26	61	ND	26	61
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	5000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	0.25 B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	52	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	45000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	190	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	850	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	210000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	2200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	14000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	870	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	390	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	9800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-33	SB-33	SB-33	SB-33	SB-34	SB-34
Sample Name					SB-33-6-8	SB-33-10-12	SB-33-14-16	SB-33-18-20	SB-34-0-2	SB-34-2-4
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	14 - 16 ft	18 - 20 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/9/2023	1/9/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	< 0.0049 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	< 0.0049 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	< 0.0049 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	< 0.049 U	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	0.52	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	0.002 J	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	< 0.0049 U	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	< 0.0049 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	< 0.0049 U	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0049 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	0.11	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0049 U	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	< 0.0049 U	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	0.0016 J	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.024 U	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	< 0.0049 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	< 5 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	< 1 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	< 1 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 2 U	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	< 1 U	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	0.84 J	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	< 1 U	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	< 1 U	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	0.35 J	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	< 1 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	< 1 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	< 1 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	< 1 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	20	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	27	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	< 2 U	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	< 1 U	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	< 1 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	< 1 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	< 2 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	< 2 U	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	< 2 U	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	0.72 J	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	4.2	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	0.44 J	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	< 1 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	< 1 U	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	< 1 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	< 2 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	< 1 U	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 2 U	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	< 1 U	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	< 1.1 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-33			SB-33			SB-33			SB-33			SB-34			SB-34		
Sample Name		SB-33-6-8			SB-33-10-12			SB-33-14-16			SB-33-18-20			SB-34-0-2			SB-34-2-4		
Sample Depth Interval (ft bgs)		6 - 8 ft			10 - 12 ft			14 - 16 ft			18 - 20 ft			0 - 2 ft			2 - 4 ft		
Sample Date		1/5/2023			1/5/2023			1/5/2023			1/5/2023			1/9/2023			1/9/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.1 U	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 5 U	< 0.48 U	< 0.09 U	< 6 U	< 6 U	< 0.09 U	< 0.09 U	< 0.09 U	< 6 U	< 6 U	< 0.09 U	< 6 U	< 6 U	< 6 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	28	36	0.77	< 0.09 U	24	24	< 0.09 U	< 0.09 U	< 0.09 U	24	24	< 0.09 U	24	24	24
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	26	29	0.7	< 0.09 U	42	44	< 0.09 U	< 0.09 U	< 0.09 U	42	44	< 0.09 U	42	44	44
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	7	16	0.22 J	< 0.09 U	9.5	7.7	< 0.09 U	< 0.09 U	< 0.09 U	9.5	7.7	< 0.09 U	9.5	7.7	7.7
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 5 U	< 0.48 U	< 0.09 U	< 6 UJ	< 6 UJ	< 0.09 U	< 0.09 U	< 0.09 U	< 6 UJ	< 6 UJ	< 0.09 U	< 6 UJ	< 6 UJ	< 6 UJ
PCB (total)	mg/kg	3.2	0.1	1	61	81	1.7	ND	76	76	ND	ND	ND	76	76	ND	76	76	76
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	11000	NA	NA	NA	NA	11000	NA	NA	11000	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	29	NA	NA	NA	NA	29	NA	NA	29	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	< 5 U	NA	NA	NA	NA	< 5 U	NA	NA	< 5 U	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	1800	NA	NA	NA	NA	1800	NA	NA	1800	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	0.39	NA	NA	NA	NA	0.39	NA	NA	0.39	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	58	NA	NA	NA	NA	58	NA	NA	58	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	15000	NA	NA	NA	NA	15000	NA	NA	15000	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	160	NA	NA	NA	NA	160	NA	NA	160	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	62	NA	NA	NA	NA	62	NA	NA	62	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	3200 B	NA	NA	NA	NA	3200 B	NA	NA	3200 B	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	200000	NA	NA	NA	NA	200000	NA	NA	200000	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	2200	NA	NA	NA	NA	2200	NA	NA	2200	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	6100	NA	NA	NA	NA	6100	NA	NA	6100	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	840	NA	NA	NA	NA	840	NA	NA	840	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	3.8	NA	NA	NA	NA	3.8	NA	NA	3.8	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	350	NA	NA	NA	NA	350	NA	NA	350	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	400	NA	NA	NA	NA	400	NA	NA	400	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	15	NA	NA	NA	NA	15	NA	NA	15	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	130 J-	NA	NA	NA	NA	130 J-	NA	NA	130 J-	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	11	NA	NA	NA	NA	11	NA	NA	11	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	520	NA	NA	NA	NA	520	NA	NA	520	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-34	SB-34	SB-35	SB-35	SB-35	SB-36
Sample Name					SB-34-6-8	SB-34-11-13	SB-35-0-0.5	SB-35-0.8-1.0	SB-185-0.8-1.0	SB-36-0-2
Sample Depth Interval (ft bgs)					6 - 8 ft	11 - 13 ft	0 - 0.5 ft	0.8 - 1 ft	0.8 - 1 ft	0 - 2 ft
Sample Date					1/9/2023	1/9/2023	1/3/2023	1/3/2023	1/3/2023	1/4/2023
Analyte	Unit	Criteria							Field Duplicate	
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	< 0.0022 U	NA	NA	NA	< 0.0019 U
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	< 0.0022 U	NA	NA	NA	< 0.0019 U
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	< 0.0022 U	NA	NA	NA	< 0.0019 U
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	< 0.022 U	NA	NA	NA	< 0.019 U
Acetone	mg/kg	0.03	0.03	100	NA	0.015 J	NA	NA	NA	0.14
Benzene	mg/kg	0.06	0.06	1.2	NA	< 0.0022 U	NA	NA	NA	0.0014 J
Chlorobenzene	mg/kg	4.5	4.5	73	NA	< 0.0022 U	NA	NA	NA	< 0.0019 U
Ethylbenzene	mg/kg	1	1	32	NA	< 0.0022 U	NA	NA	NA	< 0.0019 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	< 0.0022 U	NA	NA	NA	< 0.0019 U
Methyl Acetate	mg/kg	-	-	-	NA	< 0.0022 U	NA	NA	NA	< 0.0019 U
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	< 0.044 U	NA	NA	NA	0.011 J
Methylcyclohexane	mg/kg	-	-	-	NA	< 0.0022 U	NA	NA	NA	< 0.0019 U
Styrene	mg/kg	-	300	-	NA	< 0.0022 U	NA	NA	NA	< 0.0019 U
Toluene	mg/kg	0.7	0.7	100	NA	< 0.0022 U	NA	NA	NA	0.001 J
Trichlorofluoromethane	mg/kg	-	-	-	NA	< 0.011 U	NA	NA	NA	< 0.0093 U
Xylenes	mg/kg	1.2	0.26	100	NA	< 0.0022 U	NA	NA	NA	< 0.0019 U
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	< 1 U	NA	NA	NA	< 1 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	< 0.059 U	NA	NA	NA	< 0.062 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	< 0.2 U	NA	NA	NA	< 0.21 U
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	< 0.4 U	NA	NA	NA	< 0.42 U
Acenaphthene	mg/kg	98	20	100	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Acetophenone	mg/kg	-	-	-	NA	< 0.4 U	NA	NA	NA	< 0.42 U
Anthracene	mg/kg	1000	100	100	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Benz(a)anthracene	mg/kg	1	1	1	NA	< 0.2 U	NA	NA	NA	0.12 J
Benzaldehyde	mg/kg	-	-	-	NA	< 0.4 U	NA	NA	NA	0.1 J
Benzo(a)pyrene	mg/kg	22	1	1	NA	< 0.2 U	NA	NA	NA	0.11 J
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	< 0.2 U	NA	NA	NA	0.16 J
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	< 0.2 U	NA	NA	NA	0.094 J
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Benzyl butyl phthalate	mg/kg	122	100	100	NA	< 0.4 U	NA	NA	NA	0.4 J
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	< 0.4 U	NA	NA	NA	20
Carpolactam	mg/kg	-	-	-	NA	< 0.4 U	NA	NA	NA	< 0.42 U
Carbazole	mg/kg	-	-	-	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Chrysene	mg/kg	1	1	1.2	NA	< 0.2 U	NA	NA	NA	0.13 J
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Dibenzofuran	mg/kg	110	2.1	4.2	NA	< 0.4 U	NA	NA	NA	< 0.42 U
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	< 0.4 U	NA	NA	NA	< 0.42 U
Dimethyl phthalate	mg/kg	27	27	100	NA	< 0.4 U	NA	NA	NA	< 0.42 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	< 0.4 U	NA	NA	NA	< 0.42 U
Di-n-octyl phthalate	mg/kg	120	100	100	NA	< 0.4 UJ	NA	NA	NA	< 0.42 U
Fluoranthene	mg/kg	1000	85	100	NA	< 0.2 U	NA	NA	NA	0.24
Fluorene	mg/kg	386	30	100	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Naphthalene	mg/kg	12	12	84	NA	< 0.2 U	NA	NA	NA	< 0.21 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	< 0.4 U	NA	NA	NA	< 0.42 U
Phenanthrene	mg/kg	1000	1.1	1.2	NA	< 0.2 U	NA	NA	NA	0.15 J
Phenol	mg/kg	0.33	0.33	100	NA	< 0.4 U	NA	NA	NA	< 0.42 U
Pyrene	mg/kg	1000	64	100	NA	< 0.2 U	NA	NA	NA	0.27
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	< 0.0048 U	NA	NA	NA	< 0.05 U

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-34			SB-34			SB-35			SB-35			SB-35			SB-36		
Sample Name		SB-34-6-8			SB-34-11-13			SB-35-0-0.5			SB-35-0.8-1.0			SB-185-0.8-1.0			SB-36-0-2		
Sample Depth Interval (ft bgs)		6 - 8 ft			11 - 13 ft			0 - 0.5 ft			0.8 - 1 ft			0.8 - 1 ft			0 - 2 ft		
Sample Date		1/9/2023			1/9/2023			1/3/2023			1/3/2023			1/3/2023			1/4/2023		
Analyte	Unit	Criteria																	Field Duplicate
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	< 0.0048 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05 U	
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	< 0.0071 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.075 U	
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5 U	< 0.095 U	< 0.19 U	< 0.1 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.1 U	
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	15	< 0.095 U	0.14 J	< 0.1 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	0.32	
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	19	< 0.095 U	0.26	< 0.1 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	0.5	
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	4.2 J	< 0.095 U	0.083 J	< 0.1 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	0.17	
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5 UJ	< 0.095 UJ	< 0.19 U	< 0.1 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.1 U	
PCB (total)	mg/kg	3.2	0.1	1	38	ND	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.99	
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	2800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6600	
Antimony	mg/kg	-	12	-	NA	< 2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 2 U	
Arsenic	mg/kg	16	13	16	NA	1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5 J	
Barium	mg/kg	820	410	410	NA	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	53	
Beryllium	mg/kg	47	4.4	8.8	NA	0.19 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1 J	
Cadmium	mg/kg	7.5	2.5	2.5	NA	< 0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.6	
Calcium	mg/kg	-	10000	-	NA	550	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3900	
Chromium (total)	mg/kg	19	1	1	NA	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	
Cobalt	mg/kg	-	20	30	NA	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3	
Copper	mg/kg	1720	50	280	NA	9.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	390 B	
Iron	mg/kg	-	2000	2000	NA	5400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	31000	
Lead	mg/kg	450	63	400	NA	2.4 B	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	
Magnesium	mg/kg	-	-	-	NA	950	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1500	
Manganese	mg/kg	2000	1600	2000	NA	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170	
Mercury	mg/kg	0.73	0.18	0.3	NA	< 0.029 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.15	
Nickel	mg/kg	130	30	87	NA	4.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15	
Potassium	mg/kg	-	-	-	NA	450	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170 J	
Silver	mg/kg	8.3	2	22	NA	< 0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.33 J	
Sodium	mg/kg	-	-	-	NA	< 190 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 200 U	
Vanadium	mg/kg	-	39	100	NA	4.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.8	
Zinc	mg/kg	2480	109	1300	NA	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	950	
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.12	

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-36	SB-37	SB-37	SB-37	SB-38	SB-38
Sample Name					SB-36-2-4	SB-37-0-2	SB-37-0-2	SB-37-2-4	SB-38-0-2	SB-38-2-4
Sample Depth Interval (ft bgs)					2 - 4 ft	0 - 2 ft	0 - 2 ft	2 - 4 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/4/2023	1/4/2023	1/13/2023	1/4/2023	1/5/2023	1/5/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	< 0.0042 U	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	< 0.0042 U	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	< 0.0042 U	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	0.016 J	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	0.4	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	0.0013 J	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	< 0.0042 U	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	< 0.0042 U	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	< 0.0042 U	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	< 0.0042 U	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	0.045 J	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	< 0.0042 U	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	< 0.0042 U	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	0.0013 J	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	< 0.021 U	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	< 0.0042 U	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	< 6.7 UJ	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	< 0.2 UJ	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	< 1.7 UJ	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	< 3.4 UJ	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	< 1.7 UJ	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	< 3.4 UJ	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	< 1.7 UJ	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	< 1.7 UJ	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	< 3.4 UJ	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	< 1.7 UJ	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	< 1.7 UJ	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	< 1.7 UJ	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	< 1.7 UJ	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	6.8 J	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	26 J	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	< 3.4 UJ	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	< 1.7 UJ	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	< 1.7 UJ	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	< 1.7 UJ	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	< 3.4 UJ	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	< 3.4 UJ	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	< 3.4 UJ	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	0.96 J	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	2.7 J	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	< 1.7 UJ	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	< 1.7 UJ	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	< 1.7 U	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	< 1.7 UJ	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	< 3.4 UJ	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	< 1.7 UJ	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	< 3.4 UJ	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	< 1.7 UJ	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	< 0.4 U	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-36			SB-37		SB-37		SB-37		SB-38	
Sample Name		SB-36-2-4			SB-37-0-2		SB-37-0-2		SB-37-2-4		SB-38-0-2	
Sample Depth Interval (ft bgs)		2 - 4 ft			0 - 2 ft		0 - 2 ft		2 - 4 ft		0 - 2 ft	
Sample Date		1/4/2023			1/4/2023		1/13/2023		1/4/2023		1/5/2023	
Analyte	Unit	Criteria										
		(1)	(2)	(3)								
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	< 0.4 U	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	< 0.6 U	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)												
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.09 U	< 2 U	NA	< 0.087 U	< 6 U	< 6 U	< 6 U	< 6 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 0.09 U	12	NA	< 0.087 U	44	47	47	47
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.09 U	13	NA	< 0.087 U	47	35	47	35
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 0.09 U	3.2	NA	< 0.087 U	22	10	22	10
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.09 U	< 2 U	NA	< 0.087 U	11	< 6 U	11	< 6 U
PCB (total)	mg/kg	3.2	0.1	1	ND	28	NA	ND	120	92	120	92
Metals and Inorganics												
Aluminum	mg/kg	-	10000	-	NA	NA	11000	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	16	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	13	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	920	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	0.22 J	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	44	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	12000	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	88	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	28	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	130000	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	55000	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	1900	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	5900	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	760	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	1.5	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	200	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	870	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	8	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	130 J	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	20	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	4400	NA	NA	NA	NA	NA
Miscellaneous Parameters												
Cyanide	mg/kg	40	2.3	2.6	NA	NA	1.3	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-38	SB-38	SB-38	SB-38	SB-39	SB-39
Sample Name					SB-38-6-8	SB-38-10-12	SB-38-13.7-14.1	SB-38-18-19	SB-39-0-2	SB-39-2-4
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	13.7 - 14.1 ft	18 - 19 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-38			SB-38			SB-38			SB-38			SB-39			SB-39		
Sample Name		SB-38-6-8			SB-38-10-12			SB-38-13.7-14.1			SB-38-18-19			SB-39-0-2			SB-39-2-4		
Sample Depth Interval (ft bgs)		6 - 8 ft			10 - 12 ft			13.7 - 14.1 ft			18 - 19 ft			0 - 2 ft			2 - 4 ft		
Sample Date		1/5/2023			1/5/2023			1/5/2023			1/5/2023			1/6/2023			1/6/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 6 U	< 0.095 U	< 0.1 U	54	56									
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	47	90	0.24	< 0.1 U	< 5 U	< 5 U									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	44	100	0.25	< 0.1 U	17 J	22									
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	14	21	0.059 J	< 0.1 U	4.5 J	5.4									
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 6 U	< 0.095 U	< 0.1 U	< 5 U	< 5 U									
PCB (total)	mg/kg	3.2	0.1	1	110	210	0.55	ND	76	83									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

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R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-39	SB-39	SB-39	SB-39	SB-40	SB-40
Sample Name					SB-39-6-8	SB-39-10-12	SB-39-12-14	SB-39-18-20	SB-40-0-2	SB-40-2-4
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	12 - 14 ft	18 - 20 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/6/2023	1/6/2023	1/6/2023	1/6/2023	1/9/2023	1/9/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-39			SB-39			SB-39			SB-39			SB-40			SB-40		
Sample Name		SB-39-6-8			SB-39-10-12			SB-39-12-14			SB-39-18-20			SB-40-0-2			SB-40-2-4		
Sample Depth Interval (ft bgs)		6 - 8 ft			10 - 12 ft			12 - 14 ft			18 - 20 ft			0 - 2 ft			2 - 4 ft		
Sample Date		1/6/2023			1/6/2023			1/6/2023			1/6/2023			1/9/2023			1/9/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	49	< 6 U	< 6 U	< 6 U	< 0.091 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U	< 6 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 6 U	24	29	29	< 0.091 U	15	20	20	20	< 0.091 U	15	26	26	26	26
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	23 J	20	25	25	< 0.091 U	15	26	26	26	< 0.091 U	15	26	26	26	26
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	6.5	5.9	6.6	6.6	< 0.091 U	3.7 J	4.8 J	4.8 J	4.8 J	< 0.091 U	3.7 J	4.8 J	4.8 J	4.8 J	4.8 J
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 6 U	< 6 U	< 6 U	< 0.091 U	< 6 UJ	< 6 UJ	< 6 UJ	< 6 UJ	< 0.091 U	< 6 UJ	< 6 UJ	< 6 UJ	< 6 UJ	< 6 UJ
PCB (total)	mg/kg	3.2	0.1	1	79	50	61	61	ND	34	51	51	51	ND	34	51	51	51	51
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-40	SB-40	SB-41	SB-41	SB-41	SB-41
Sample Name					SB-40-6-8	SB-40-10-12	SB-41-0-2	SB-41-2-4	SB-41-6-8	SB-41-8.5-10
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	8.5 - 10 ft
Sample Date					1/9/2023	1/9/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-40		SB-40		SB-41		SB-41		SB-41	
Sample Name		SB-40-6-8		SB-40-10-12		SB-41-0-2		SB-41-2-4		SB-41-6-8	
Sample Depth Interval (ft bgs)		6 - 8 ft		10 - 12 ft		0 - 2 ft		2 - 4 ft		6 - 8 ft	
Sample Date		1/9/2023		1/9/2023		1/6/2023		1/6/2023		1/6/2023	
Analyte	Unit	Criteria									
		(1)	(2)	(3)							
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)											
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5 U	< 0.094 U	< 5 U	< 6 U	< 0.1 U	< 0.093 U	< 0.093 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	39	< 0.094 U	25	24	1.2	< 0.093 U	< 0.093 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	46	< 0.094 U	35 J	22	1	< 0.093 U	< 0.093 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	9	< 0.094 U	8.1	7.6	0.21	< 0.093 U	< 0.093 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5 UJ	< 0.094 UJ	< 5 U	< 6 U	< 0.1 U	< 0.093 U	< 0.093 U
PCB (total)	mg/kg	3.2	0.1	1	94	ND	68	54	2.4	ND	ND
Metals and Inorganics											
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters											
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-41	SB-42	SB-42	SB-43	SB-43	SB-43
Sample Name					SB-191-8.5-10	SB-42-0-2	SB-42-2-4	SB-43-0-2	SB-43-2-4	SB-43-7-8
Sample Depth Interval (ft bgs)					8.5 - 10 ft	0 - 2 ft	2 - 4 ft	0 - 2 ft	2 - 4 ft	7 - 8 ft
Sample Date					1/6/2023	1/4/2023	1/4/2023	1/10/2023	1/10/2023	1/10/2023
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	< 0.0021 U	NA	< 0.0019 U
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	< 0.0021 U	NA	< 0.0019 U
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	< 0.0021 U	NA	< 0.0019 U
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	0.0062 J	NA	< 0.019 U
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	0.34	NA	0.041 J
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	0.00081 J	NA	< 0.0019 U
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	< 0.0021 U	NA	< 0.0019 U
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	< 0.0021 U	NA	< 0.0019 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	< 0.0021 U	NA	< 0.0019 U
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	< 0.0021 U	NA	< 0.0019 U
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	0.029 J	NA	< 0.037 U
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	< 0.0021 U	NA	< 0.0019 U
Styrene	mg/kg	-	300	-	NA	NA	NA	< 0.0021 U	NA	< 0.0019 U
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	0.00069 J	NA	< 0.0019 U
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	< 0.011 U	NA	< 0.0093 U
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	< 0.0021 U	NA	< 0.0019 U
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	< 8.7 U	NA	< 0.74 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	< 0.065 U	NA	< 0.055 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	< 2.2 U	NA	< 0.19 U
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 4.4 U	NA	< 0.37 U
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Acetophenone	mg/kg	-	-	-	NA	NA	NA	< 4.4 U	NA	< 0.37 U
Anthracene	mg/kg	1000	100	100	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	< 4.4 U	NA	< 0.37 U
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	4.4 J	NA	< 0.37 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	21	NA	0.44
Carpolactam	mg/kg	-	-	-	NA	NA	NA	< 4.4 UJ	NA	< 0.37 UJ
Carbazole	mg/kg	-	-	-	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	< 4.4 U	NA	< 0.37 U
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	< 4.4 U	NA	< 0.37 U
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	< 4.4 U	NA	< 0.37 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	1.2 J	NA	< 0.37 U
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	1.4 J	NA	< 0.37 U
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Fluorene	mg/kg	386	30	100	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Naphthalene	mg/kg	12	12	84	NA	NA	NA	< 2.2 U	NA	< 0.19 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	< 4.4 U	NA	< 0.37 U
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 4.4 U	NA	< 0.37 U
Pyrene	mg/kg	1000	64	100	NA	NA	NA	< 2.2 U	NA	< 0.19 U
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	< 0.52 U	NA	< 0.044 U

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-41			SB-42			SB-43		
Sample Name		SB-191-8.5-10			SB-42-0-2			SB-43-0-2		
Sample Depth Interval (ft bgs)		8.5 - 10 ft			0 - 2 ft			2 - 4 ft		
Sample Date		1/6/2023			1/4/2023			1/10/2023		
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	< 0.52 U	NA	< 0.044 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	< 0.78 U	NA	< 0.066 U
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.095 U	< 0.089 U	< 0.088 U	4.2	28	0.75 J
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	0.33	0.06 J	< 0.088 U	< 0.52 U	< 5.1 U	< 0.088 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	0.32	0.11	< 0.088 U	3.8	13	0.23
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	0.053 J	0.035 J	< 0.088 U	1.2	3.9 J	0.07 J
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.095 U	< 0.089 U	< 0.088 U	< 0.52 U	< 5.1 U	< 0.088 U
PCB (total)	mg/kg	3.2	0.1	1	0.70	0.21	ND	9.2	45	1.1
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NA	NA	NA	5100	NA	2900
Antimony	mg/kg	-	12	-	NA	NA	NA	4.5	NA	< 1.8 U
Arsenic	mg/kg	16	13	16	NA	NA	NA	< 4.3 U	NA	< 3.5 U
Barium	mg/kg	820	410	410	NA	NA	NA	270	NA	12
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	0.27	NA	0.13 J
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	10	NA	< 0.35 U
Calcium	mg/kg	-	10000	-	NA	NA	NA	33000	NA	460
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	43	NA	3.2
Cobalt	mg/kg	-	20	30	NA	NA	NA	9.8	NA	1.7 J
Copper	mg/kg	1720	50	280	NA	NA	NA	410	NA	6.2
Iron	mg/kg	-	2000	2000	NA	NA	NA	50000	NA	5300
Lead	mg/kg	450	63	400	NA	NA	NA	420	NA	2.4
Magnesium	mg/kg	-	-	-	NA	NA	NA	14000	NA	930
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	490	NA	36
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	0.72	NA	0.029
Nickel	mg/kg	130	30	87	NA	NA	NA	58	NA	4.3
Potassium	mg/kg	-	-	-	NA	NA	NA	600	NA	370
Silver	mg/kg	8.3	2	22	NA	NA	NA	< 0.43 U	NA	< 0.35 U
Sodium	mg/kg	-	-	-	NA	NA	NA	56 J	NA	< 180 U
Vanadium	mg/kg	-	39	100	NA	NA	NA	11	NA	3.9
Zinc	mg/kg	2480	109	1300	NA	NA	NA	1200	NA	12
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-43	SB-43	SB-44	SB-44	SB-44	SB-44
Sample Name					SB-193-7-8	SB-43-12-14	SB-44-0-2	SB-44-2-4	SB-44-6-8	SB-44-10-12
Sample Depth Interval (ft bgs)					7 - 8 ft	12 - 14 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					1/10/2023	1/13/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.019 U	< 0.018 U	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	0.022 J	0.011 J	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	< 0.039 U	< 0.037 U	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.0097 U	< 0.0091 U	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0019 U	< 0.0018 U	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.71 U	< 1.5 U	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.053 U	< 0.28 U	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.18 U	< 0.39 U	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 0.36 U	< 0.77 U	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	< 0.36 U	< 0.77 U	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	< 0.36 U	< 0.77 U	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.36 U	0.16 J	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.36 U	6.1	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	< 0.36 UJ	< 0.77 U	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.36 U	< 0.77 U	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.36 U	< 0.77 U	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	< 0.36 U	< 0.77 U	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.36 U	< 0.77 U	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.36 U	0.8	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	< 0.18 U	< 0.39 U	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.36 U	< 0.77 U	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	< 0.36 U	< 0.77 U	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	< 0.18 U	< 0.39 U	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0042 U	< 0.0045 U	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-43			SB-43			SB-44			SB-44			SB-44			SB-44		
Sample Name		SB-193-7-8			SB-43-12-14			SB-44-0-2			SB-44-2-4			SB-44-6-8			SB-44-10-12		
Sample Depth Interval (ft bgs)		7 - 8 ft			12 - 14 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft			10 - 12 ft		
Sample Date		1/10/2023			1/13/2023			1/6/2023			1/6/2023			1/6/2023			1/6/2023		
Analyte	Unit	Criteria			Field Duplicate														
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0042 U	< 0.0045 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.0064 U	< 0.0068 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	0.033 J	< 0.091 U	< 0.088 U	< 0.44 U	43	3.9									
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 0.085 U	< 0.091 U	0.032 J	1.5	< 6 U	< 2 U									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.085 U	< 0.091 U	0.046 J	1.8	27	1.9 J									
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 0.085 U	< 0.091 U	< 0.088 U	0.37 J	11 J	0.9 J									
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.085 U	< 0.091 U	< 0.088 U	< 0.44 U	< 6 U	< 2 U									
PCB (total)	mg/kg	3.2	0.1	1	0.033	ND	0.078	3.7	81	6.7									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	2100	2200	NA	NA	NA	NA									
Antimony	mg/kg	-	12	-	< 1.7 U	< 1.8 U	NA	NA	NA	NA									
Arsenic	mg/kg	16	13	16	< 3.5 U	0.73 J	NA	NA	NA	NA									
Barium	mg/kg	820	410	410	7.4	18	NA	NA	NA	NA									
Beryllium	mg/kg	47	4.4	8.8	0.099 J	0.053 J	NA	NA	NA	NA									
Cadmium	mg/kg	7.5	2.5	2.5	< 0.35 U	< 0.37 U	NA	NA	NA	NA									
Calcium	mg/kg	-	10000	-	340	420	NA	NA	NA	NA									
Chromium (total)	mg/kg	19	1	1	4	18	NA	NA	NA	NA									
Cobalt	mg/kg	-	20	30	1.4 J	1.8 J	NA	NA	NA	NA									
Copper	mg/kg	1720	50	280	4.5 B	6.6 B	NA	NA	NA	NA									
Iron	mg/kg	-	2000	2000	4300	4300	NA	NA	NA	NA									
Lead	mg/kg	450	63	400	1.8	1.3	NA	NA	NA	NA									
Magnesium	mg/kg	-	-	-	760	1300	NA	NA	NA	NA									
Manganese	mg/kg	2000	1600	2000	32	80	NA	NA	NA	NA									
Mercury	mg/kg	0.73	0.18	0.3	0.061	0.043	NA	NA	NA	NA									
Nickel	mg/kg	130	30	87	3.8	7	NA	NA	NA	NA									
Potassium	mg/kg	-	-	-	240	230	NA	NA	NA	NA									
Silver	mg/kg	8.3	2	22	< 0.35 U	< 0.37 U	NA	NA	NA	NA									
Sodium	mg/kg	-	-	-	< 170 U	< 180 U	NA	NA	NA	NA									
Vanadium	mg/kg	-	39	100	3.3	4.2	NA	NA	NA	NA									
Zinc	mg/kg	2480	109	1300	9.6	9	NA	NA	NA	NA									
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	0.59	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-44	SB-45	SB-45	SB-45	SB-45	SB-45
Sample Name					SB-44-12.5-13	SB-45-0-2	SB-45-2-4	SB-45-6-8	SB-45-10-12	SB-45-17.5-18
Sample Depth Interval (ft bgs)					12.5 - 13 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	17.5 - 18 ft
Sample Date					1/6/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-44			SB-45			SB-45			SB-45		
Sample Name		SB-44-12.5-13			SB-45-0-2			SB-45-2-4			SB-45-6-8		
Sample Depth Interval (ft bgs)		12.5 - 13 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft		
Sample Date		1/6/2023			1/6/2023			1/6/2023			1/6/2023		
Analyte	Unit	Criteria											
		(1)	(2)	(3)									
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)													
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.098 U	< 8 U	< 6 U	< 6 U	< 6 U	< 0.09 U	< 0.092 U	< 0.092 U	< 0.092 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 0.098 U	20	37	46	46	0.1	0.13	0.13	0.13
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.098 U	31	42 J	19 J	19 J	0.096	0.11	0.11	0.11
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 0.098 U	7.6	38	32	32	0.043 J	0.046 J	0.046 J	0.046 J
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.098 U	< 8 U	< 6 U	< 6 U	< 6 U	< 0.09 U	< 0.092 U	< 0.092 U	< 0.092 U
PCB (total)	mg/kg	3.2	0.1	1	ND	59	120	97	97	0.24	0.29	0.29	0.29
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters													
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-46	SB-46	SB-46	SB-46	SB-46	SB-47
Sample Name					SB-46-0-2	SB-46-2-4	SB-46-6-8	SB-46-10-12	SB-46-14-16	SB-47-0-2
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft	0 - 2 ft
Sample Date					1/10/2023	1/10/2023	1/10/2023	1/10/2023	1/10/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0029 U	NA	NA	NA	< 0.005 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0029 U	NA	NA	NA	< 0.005 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0029 U	NA	NA	NA	< 0.005 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.029 UJ	NA	NA	NA	< 0.05 UJ	NA
Acetone	mg/kg	0.03	0.03	100	0.23	NA	NA	NA	0.045 J	NA
Benzene	mg/kg	0.06	0.06	1.2	0.0009 J	NA	NA	NA	< 0.005 U	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0029 U	NA	NA	NA	< 0.005 U	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0029 U	NA	NA	NA	< 0.005 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0029 U	NA	NA	NA	< 0.005 U	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0029 UJ	NA	NA	NA	< 0.005 UJ	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	0.041 J	NA	NA	NA	< 0.1 UJ	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0029 U	NA	NA	NA	< 0.005 U	NA
Styrene	mg/kg	-	300	-	0.0021 J	NA	NA	NA	< 0.005 U	NA
Toluene	mg/kg	0.7	0.7	100	< 0.0029 U	NA	NA	NA	< 0.005 U	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.014 U	NA	NA	NA	< 0.025 U	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0029 U	NA	NA	NA	< 0.005 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 9.7 U	NA	< 14 U	NA	< 0.76 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.36 U	NA	NA	NA	< 0.057 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 4.9 U	NA	< 7.1 U	NA	< 0.39 U	NA
Acenaphthene	mg/kg	98	20	100	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Acetophenone	mg/kg	-	-	-	< 4.9 U	NA	2.9 J	NA	< 0.39 U	NA
Anthracene	mg/kg	1000	100	100	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Benz(a)anthracene	mg/kg	1	1	1	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Benzaldehyde	mg/kg	-	-	-	< 4.9 U	NA	1.1 J	NA	< 0.39 U	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	13	NA	11	NA	< 0.39 U	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	100	NA	1200	NA	< 0.39 U	NA
Carpolactam	mg/kg	-	-	-	< 4.9 UJ	NA	< 7.1 UJ	NA	< 0.39 UJ	NA
Carbazole	mg/kg	-	-	-	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Chrysene	mg/kg	1	1	1.2	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 4.9 U	NA	< 7.1 U	NA	< 0.39 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 4.9 U	NA	1.5 J	NA	< 0.39 U	NA
Dimethyl phthalate	mg/kg	27	27	100	< 4.9 U	NA	< 7.1 U	NA	< 0.39 U	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	1.7 J	NA	1.8 J	NA	< 0.39 U	NA
Di-n-octyl phthalate	mg/kg	120	100	100	16	NA	79	NA	< 0.39 U	NA
Fluoranthene	mg/kg	1000	85	100	< 2.5 U	NA	1.5 J	NA	< 0.19 U	NA
Fluorene	mg/kg	386	30	100	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Naphthalene	mg/kg	12	12	84	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 4.9 U	NA	< 7.1 U	NA	< 0.39 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 2.5 U	NA	< 3.5 U	NA	< 0.19 U	NA
Phenol	mg/kg	0.33	0.33	100	< 4.9 U	NA	4.9 J	NA	< 0.39 U	NA
Pyrene	mg/kg	1000	64	100	< 2.5 U	NA	1.9 J	NA	< 0.19 U	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 1.2 U	NA	< 2.8 U	NA	< 0.0046 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-46	SB-46	SB-46	SB-46	SB-46	SB-47
Sample Name					SB-46-0-2	SB-46-2-4	SB-46-6-8	SB-46-10-12	SB-46-14-16	SB-47-0-2
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft	0 - 2 ft
Sample Date					1/10/2023	1/10/2023	1/10/2023	1/10/2023	1/10/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	< 1.2 U	NA	< 2.8 U	NA	< 0.0046 U	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 1.7 U	NA	< 4.2 U	NA	< 0.0068 U	NA
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5.8 U	< 27 U	58	34	< 0.091 U	< 0.099 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	17	170	< 5.5 U	< 5.7 U	< 0.091 U	0.099 J
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	27	160	35	18	< 0.091 U	0.24
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	6.4	32 J	7.4	5.6 J	< 0.091 U	0.14
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5.8 U	< 27 U	< 5.5 U	< 5.7 U	< 0.091 U	< 0.099 U
PCB (total)	mg/kg	3.2	0.1	1	50	360	100	58	ND	0.48
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	39000	NA	9100	NA	2800	NA
Antimony	mg/kg	-	12	-	40	NA	23	NA	< 1.9 U	NA
Arsenic	mg/kg	16	13	16	< 4.6 U	NA	17	NA	< 3.7 U	NA
Barium	mg/kg	820	410	410	2500	NA	2200	NA	7.4	NA
Beryllium	mg/kg	47	4.4	8.8	0.51	NA	0.47	NA	0.11 J	NA
Cadmium	mg/kg	7.5	2.5	2.5	50	NA	49	NA	< 0.37 U	NA
Calcium	mg/kg	-	10000	-	19000	NA	41000	NA	260	NA
Chromium (total)	mg/kg	19	1	1	210	NA	160	NA	3.5	NA
Cobalt	mg/kg	-	20	30	31	NA	30	NA	1.4 J	NA
Copper	mg/kg	1720	50	280	2600	NA	3200	NA	3.9 B	NA
Iron	mg/kg	-	2000	2000	230000	NA	210000	NA	6000	NA
Lead	mg/kg	450	63	400	2800	NA	2300	NA	3.1	NA
Magnesium	mg/kg	-	-	-	6500	NA	8300	NA	790	NA
Manganese	mg/kg	2000	1600	2000	960	NA	890	NA	49	NA
Mercury	mg/kg	0.73	0.18	0.3	1.4	NA	0.8	NA	0.024 J	NA
Nickel	mg/kg	130	30	87	530	NA	360	NA	4.5	NA
Potassium	mg/kg	-	-	-	240	NA	460	NA	280	NA
Silver	mg/kg	8.3	2	22	1.9	NA	1	NA	< 0.37 U	NA
Sodium	mg/kg	-	-	-	170 J	NA	570	NA	110 J	NA
Vanadium	mg/kg	-	39	100	14	NA	12	NA	4	NA
Zinc	mg/kg	2480	109	1300	24000	NA	14000	NA	18	NA
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

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U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-47	SB-47	SB-47	SB-47	SB-48	SB-48
Sample Name					SB-47-2-4	SB-47-6-8	SB-47-13.0-14	SB-197-13.0-14	SB-48-0-2	SB-48-2-4
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	13 - 14 ft	13 - 14 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/6/2023	1/6/2023	1/6/2023	1/6/2023	1/9/2023	1/9/2023
Analyte	Unit	Criteria						Field Duplicate		
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	< 0.0037 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	< 0.0037 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	< 0.0037 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	< 0.037 U	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	0.25	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	0.0015 J	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	< 0.0037 U	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	< 0.0037 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	< 0.0037 U	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0037 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	< 0.075 U	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0037 U	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	< 0.0037 U	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	0.0013 J	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.019 U	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	< 0.0037 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	< 5 UJ	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	< 0.35 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	< 1 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 2 UJ	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	< 1 UJ	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	< 2 UJ	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	< 1 UJ	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	< 1 UJ	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	0.27 J	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	< 1 UJ	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	< 1 UJ	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	< 1 UJ	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	< 1 UJ	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	2.1 J	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	50	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	< 2 UJ	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	< 1 UJ	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	< 1 UJ	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	< 1 UJ	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	< 2 UJ	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	< 2 UJ	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	< 2 UJ	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	< 2 UJ	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	20 J	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	< 1 UJ	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	< 1 UJ	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	< 1 U	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	< 1 UJ	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	< 2 UJ	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	< 1 UJ	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 2 UJ	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	< 1 UJ	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	< 1.1 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-47			SB-47			SB-47			SB-47			SB-48			SB-48		
Sample Name		SB-47-2-4			SB-47-6-8			SB-47-13.0-14			SB-197-13.0-14			SB-48-0-2			SB-48-2-4		
Sample Depth Interval (ft bgs)		2 - 4 ft			6 - 8 ft			13 - 14 ft			13 - 14 ft			0 - 2 ft			2 - 4 ft		
Sample Date		1/6/2023			1/6/2023			1/6/2023			1/6/2023			1/9/2023			1/9/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.1 U	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1.7 U	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 7 U	< 0.097 U	< 0.091 U	< 6 U	< 5 U									
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	9.6	46	0.14	< 0.091 U	27	25									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	9.9 J	46	0.17	< 0.091 U	25	23									
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	4.4 J	9.1	0.036 J	< 0.091 U	18	6.8									
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 7 U	< 0.097 U	< 0.091 U	< 6 UJ	< 5 UJ									
PCB (total)	mg/kg	3.2	0.1	1	24	100	0.35	ND	70	55									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	23000	NA									
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	70 J-	NA									
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	7.1	NA									
Barium	mg/kg	820	410	410	NA	NA	NA	NA	2200	NA									
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	0.27	NA									
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	64	NA									
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	26000	NA									
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	180	NA									
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	55	NA									
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	5300	NA									
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	190000	NA									
Lead	mg/kg	450	63	400	NA	NA	NA	NA	2100	NA									
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	5700	NA									
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	720	NA									
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	5.1	NA									
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	820	NA									
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	180 J+	NA									
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	9.1	NA									
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	190 J-	NA									
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	9.7	NA									
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	1700	NA									
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-48	SB-48	SB-49	SB-49	SB-49	SB-49
Sample Name					SB-48-6-8	SB-48-11-13	SB-49-0-2	SB-49-2-4	SB-49-6-8	SB-49-11-13
Sample Depth Interval (ft bgs)					6 - 8 ft	11 - 13 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	11 - 13 ft
Sample Date					1/9/2023	1/9/2023	1/9/2023	1/9/2023	1/9/2023	1/9/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0035 U	NA	< 0.0028 U	NA	< 0.004 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0035 U	NA	< 0.0028 U	NA	< 0.004 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0035 U	NA	< 0.0028 U	NA	< 0.004 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.035 U	NA	< 0.028 U	NA	< 0.04 U	NA
Acetone	mg/kg	0.03	0.03	100	0.2	NA	0.26	NA	0.3	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0035 U	NA	0.00086 J	NA	< 0.004 U	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0035 U	NA	< 0.0028 U	NA	< 0.004 U	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0035 U	NA	< 0.0028 U	NA	< 0.004 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0035 U	NA	< 0.0028 U	NA	< 0.004 U	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0035 U	NA	< 0.0028 U	NA	< 0.004 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	0.036 J	NA	0.047 J	NA	0.065 J	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0035 U	NA	< 0.0028 U	NA	< 0.004 U	NA
Styrene	mg/kg	-	300	-	< 0.0035 U	NA	< 0.0028 U	NA	< 0.004 U	NA
Toluene	mg/kg	0.7	0.7	100	< 0.0035 U	NA	0.00072 J	NA	< 0.004 U	NA
Trichlorofluoromethane	mg/kg	-	-	-	0.0054 J	NA	< 0.014 U	NA	< 0.02 U	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0035 U	NA	< 0.0028 U	NA	< 0.004 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 5 UJ	NA	< 5 U	NA	< 4 UJ	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 1 U	NA	< 0.35 U	NA	< 1 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 1 U	NA	< 1 U	NA	< 1 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 3 UJ	NA	< 2 U	NA	< 2 UJ	NA
Acenaphthene	mg/kg	98	20	100	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Acetophenone	mg/kg	-	-	-	< 3 UJ	NA	< 2 U	NA	< 2 UJ	NA
Anthracene	mg/kg	1000	100	100	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Benz(a)anthracene	mg/kg	1	1	1	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Benzaldehyde	mg/kg	-	-	-	0.37 J	NA	< 2 U	NA	0.28 J	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Benzyl butyl phthalate	mg/kg	122	100	100	7.6 J	NA	8.6	NA	0.91 J	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	180	NA	81	NA	20 J	NA
Carpolactam	mg/kg	-	-	-	< 3 UJ	NA	< 2 U	NA	< 2 UJ	NA
Carbazole	mg/kg	-	-	-	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Chrysene	mg/kg	1	1	1.2	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 3 UJ	NA	< 2 U	NA	< 2 UJ	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 3 UJ	NA	< 2 U	NA	< 2 UJ	NA
Dimethyl phthalate	mg/kg	27	27	100	< 3 UJ	NA	< 2 U	NA	< 2 UJ	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	1.9 J	NA	0.85 J	NA	< 2 UJ	NA
Di-n-octyl phthalate	mg/kg	120	100	100	27 J	NA	21	NA	2.3 J	NA
Fluoranthene	mg/kg	1000	85	100	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Fluorene	mg/kg	386	30	100	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Naphthalene	mg/kg	12	12	84	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 3 UJ	NA	< 2 U	NA	< 2 UJ	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Phenol	mg/kg	0.33	0.33	100	< 3 UJ	NA	< 2 U	NA	< 2 UJ	NA
Pyrene	mg/kg	1000	64	100	< 1 UJ	NA	< 1 U	NA	< 1 UJ	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 1.2 U	NA	< 1.1 U	NA	< 1 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-48			SB-49			SB-49		
Sample Name		SB-48-6-8			SB-48-11-13			SB-49-0-2		
Sample Depth Interval (ft bgs)		6 - 8 ft			11 - 13 ft			0 - 2 ft		
Sample Date		1/9/2023			1/9/2023			1/9/2023		
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	< 1.2 U	NA	< 1.1 U	NA	< 1 U	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 1.8 U	NA	< 1.7 U	NA	< 1.5 U	NA
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 0.086 U	< 6 U	< 5 U	< 5 U	< 0.09 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	22	< 0.086 U	27	25	24	< 0.09 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	17	< 0.086 U	29	22	24	< 0.09 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	4.3 J	< 0.086 U	9.4	6.9	6.2	< 0.09 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 UJ	< 0.086 UJ	< 6 UJ	< 5 UJ	< 5 UJ	< 0.09 UJ
PCB (total)	mg/kg	3.2	0.1	1	43	ND	65	54	54	ND
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	11000	NA	16000	NA	50000	NA
Antimony	mg/kg	-	12	-	12	NA	37	NA	39	NA
Arsenic	mg/kg	16	13	16	5.7	NA	2.2 J	NA	8.6	NA
Barium	mg/kg	820	410	410	550	NA	2300	NA	2600	NA
Beryllium	mg/kg	47	4.4	8.8	0.26	NA	0.27	NA	0.32	NA
Cadmium	mg/kg	7.5	2.5	2.5	12	NA	52	NA	40	NA
Calcium	mg/kg	-	10000	-	8200	NA	32000	NA	21000	NA
Chromium (total)	mg/kg	19	1	1	42	NA	200	NA	180	NA
Cobalt	mg/kg	-	20	30	9.5	NA	96	NA	30	NA
Copper	mg/kg	1720	50	280	7900	NA	17000	NA	4500	NA
Iron	mg/kg	-	2000	2000	48000	NA	240000	NA	190000	NA
Lead	mg/kg	450	63	400	710	NA	2200	NA	2300	NA
Magnesium	mg/kg	-	-	-	2600	NA	8000	NA	4500	NA
Manganese	mg/kg	2000	1600	2000	250	NA	820	NA	840	NA
Mercury	mg/kg	0.73	0.18	0.3	3	NA	2.9	NA	2.1	NA
Nickel	mg/kg	130	30	87	83	NA	320	NA	460	NA
Potassium	mg/kg	-	-	-	200 J	NA	220	NA	210	NA
Silver	mg/kg	8.3	2	22	1.4	NA	1.1	NA	3.2	NA
Sodium	mg/kg	-	-	-	200 J-	NA	130 J-	NA	220 J-	NA
Vanadium	mg/kg	-	39	100	11	NA	14	NA	11	NA
Zinc	mg/kg	2480	109	1300	120	NA	650	NA	880	NA
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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U - Analyte was analyzed for but was not detected above the reported limit.

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Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-50	SB-50	SB-51	SB-51	SB-52	SB-52
Sample Name					SB-50-0-2	SB-50-2.7-4.0	SB-51-0-2	SB-51-9-10	SB-52-0-2	SB-52-2-4
Sample Depth Interval (ft bgs)					0 - 2 ft	2.7 - 4 ft	0 - 2 ft	9 - 10 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/10/2023	1/10/2023	1/11/2023	1/11/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	< 0.002 U	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	< 0.002 U	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	< 0.002 U	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	< 0.02 U	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	0.064 J	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	< 0.002 U	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	< 0.002 U	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	< 0.002 U	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	0.0026	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	0.0027	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	< 0.04 U	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	< 0.002 U	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	< 0.002 U	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	< 0.002 U	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	< 0.01 U	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	0.0093	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	< 0.76 U	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	< 0.057 U	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	< 0.19 U	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 0.38 U	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	< 0.19 U	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	< 0.38 U	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	< 0.19 U	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	< 0.19 U	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	< 0.38 U	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	< 0.19 U	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	< 0.19 U	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	< 0.19 U	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	< 0.19 U	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	< 0.38 U	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	0.085 J	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	< 0.38 UJ	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	< 0.19 U	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	< 0.19 U	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	< 0.19 U	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	< 0.38 U	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	< 0.38 U	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	< 0.38 U	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	< 0.38 U	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	< 0.38 U	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	< 0.19 U	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	< 0.19 U	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	< 0.19 U	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	< 0.19 U	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	< 0.38 U	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	< 0.19 U	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 0.38 U	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	< 0.19 U	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	< 0.0045 U	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-50			SB-50			SB-51			SB-51			SB-52			SB-52		
Sample Name		SB-50-0-2			SB-50-2.7-4.0			SB-51-0-2			SB-51-9-10			SB-52-0-2			SB-52-2-4		
Sample Depth Interval (ft bgs)		0 - 2 ft			2.7 - 4 ft			0 - 2 ft			9 - 10 ft			0 - 2 ft			2 - 4 ft		
Sample Date		1/10/2023			1/10/2023			1/11/2023			1/11/2023			1/6/2023			1/6/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	< 0.0045 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	< 0.0068 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	13	< 0.088 U	0.39	< 0.091 U	< 5 U	< 5 U	< 0.091 U	< 5 U	< 5 U	< 0.091 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 5.1 U	0.074 J	< 0.11 U	< 0.091 U	33	35	< 0.091 U	33	35	< 0.091 U	33	35	< 0.091 U	33	35
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	4.9 J	0.096	0.37	< 0.091 U	29	32	< 0.091 U	29	32	< 0.091 U	29	32	< 0.091 U	29	32
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 5.1 U	< 0.088 U	0.11	< 0.091 U	7.2	6.9	< 0.091 U	7.2	6.9	< 0.091 U	7.2	6.9	< 0.091 U	7.2	6.9
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5.1 U	< 0.088 U	< 0.11 U	< 0.091 U	< 5 U	< 5 U	< 0.091 U	< 5 U	< 5 U	< 0.091 U	< 5 U	< 5 U	< 0.091 U	< 5 U	< 5 U
PCB (total)	mg/kg	3.2	0.1	1	18	0.17	0.87	ND	69	74	ND	69	74	ND	69	74	ND	69	74
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	3400	NA	NA	NA	3400	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	< 1.9 UJ	NA	NA	NA	< 1.9 UJ	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	< 3.7 U	NA	NA	NA	< 3.7 U	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	8.3	NA	NA	NA	8.3	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	0.12 J	NA	NA	NA	0.12 J	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	< 0.37 U	NA	NA	NA	< 0.37 U	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	240	NA	NA	NA	240	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	3	NA	NA	NA	3	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	1.3 J	NA	NA	NA	1.3 J	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	3.5 B	NA	NA	NA	3.5 B	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	4500	NA	NA	NA	4500	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	1.9 J	NA	NA	NA	1.9 J	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	780	NA	NA	NA	780	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	50	NA	NA	NA	50	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	< 0.028 U	NA	NA	NA	< 0.028 U	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	4.6	NA	NA	NA	4.6	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	250	NA	NA	NA	250	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	< 0.37 U	NA	NA	NA	< 0.37 U	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	< 190 U	NA	NA	NA	< 190 U	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	3.8	NA	NA	NA	3.8	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	9.2	NA	NA	NA	9.2	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-52	SB-52	SB-52	SB-53	SB-53	SB-53
Sample Name					SB-52-6-8	SB-52-10-12	SB-52-18-18.5	SB-53-0-2	SB-53-2-4	SB-53-6-8
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	18 - 18.5 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft
Sample Date					1/6/2023	1/6/2023	1/6/2023	1/11/2023	1/11/2023	1/11/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	< 0.0034 U	NA	0.00087 J
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	< 0.0034 U	NA	0.00093 J
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	< 0.0034 U	NA	< 0.0031 U
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	< 0.034 U	NA	< 0.031 U
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	0.16 J	NA	0.081 J
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	0.0011 J	NA	0.0021 J
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	< 0.0034 U	NA	< 0.0031 U
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	< 0.0034 U	NA	0.0079
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	< 0.0034 U	NA	< 0.0031 U
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	< 0.0034 U	NA	< 0.0031 U
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	0.021 J	NA	0.013 J
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	< 0.0034 U	NA	< 0.0031 U
Styrene	mg/kg	-	300	-	NA	NA	NA	< 0.0034 U	NA	0.0019 J
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	< 0.0034 U	NA	0.0023 J
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	< 0.017 U	NA	< 0.015 U
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	< 0.0034 U	NA	< 0.0031 U
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	< 9.1 U	NA	< 8.8 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	0.22 J	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	< 2.3 U	NA	< 2.2 U
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 4.6 U	NA	< 4.4 U
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Acetophenone	mg/kg	-	-	-	NA	NA	NA	< 4.6 U	NA	< 4.4 U
Anthracene	mg/kg	1000	100	100	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	< 4.6 U	NA	< 4.4 U
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	6.5	NA	9.8
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	71	NA	480
Carpolactam	mg/kg	-	-	-	NA	NA	NA	< 4.6 UJ	NA	< 4.4 U
Carbazole	mg/kg	-	-	-	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	< 4.6 U	NA	< 4.4 U
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	< 4.6 U	NA	< 4.4 U
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	< 4.6 U	NA	< 4.4 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	1.5 J	NA	0.94 J
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	21	NA	94
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Fluorene	mg/kg	386	30	100	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Naphthalene	mg/kg	12	12	84	NA	NA	NA	< 2.3 U	NA	< 2.2 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	< 4.6 U	NA	< 4.4 U
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 4.6 U	NA	< 4.4 U
Pyrene	mg/kg	1000	64	100	NA	NA	NA	< 2.3 U	NA	< 2.2 U
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	< 0.27 U	NA	< 0.26 U

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-52			SB-52			SB-52			SB-53			SB-53			SB-53		
Sample Name		SB-52-6-8			SB-52-10-12			SB-52-18-18.5			SB-53-0-2			SB-53-2-4			SB-53-6-8		
Sample Depth Interval (ft bgs)		6 - 8 ft			10 - 12 ft			18 - 18.5 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft		
Sample Date		1/6/2023			1/6/2023			1/6/2023			1/11/2023			1/11/2023			1/11/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	< 0.27 U	NA	< 0.26 U								
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	< 0.41 UJ	NA	< 0.39 UJ								
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5 U	< 6 U	< 0.089 U	< 5.5 U	23	< 5.2 U									
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	53	13	< 0.089 U	26	< 5.3 U	73									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	45	9.9	< 0.089 U	31	17	69									
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	9.5	< 6 U	< 0.089 U	7.8	4.9 J	15									
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5 U	< 6 U	< 0.089 U	< 5.5 U	< 5.3 U	< 5.2 U									
PCB (total)	mg/kg	3.2	0.1	1	110	23	ND	65	45	160									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	8400	NA	8200									
Antimony	mg/kg	-	12	-	NA	NA	NA	29	NA	52									
Arsenic	mg/kg	16	13	16	NA	NA	NA	6.4	NA	20									
Barium	mg/kg	820	410	410	NA	NA	NA	1500	NA	2000									
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	0.34	NA	0.49									
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	46	NA	55									
Calcium	mg/kg	-	10000	-	NA	NA	NA	26000	NA	46000									
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	110	NA	150									
Cobalt	mg/kg	-	20	30	NA	NA	NA	69	NA	76									
Copper	mg/kg	1720	50	280	NA	NA	NA	2500	NA	1600									
Iron	mg/kg	-	2000	2000	NA	NA	NA	160000	NA	210000									
Lead	mg/kg	450	63	400	NA	NA	NA	2100	NA	2600									
Magnesium	mg/kg	-	-	-	NA	NA	NA	6200	NA	10000									
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	730	NA	900									
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	3.5	NA	1.8									
Nickel	mg/kg	130	30	87	NA	NA	NA	300	NA	550									
Potassium	mg/kg	-	-	-	NA	NA	NA	350	NA	340									
Silver	mg/kg	8.3	2	22	NA	NA	NA	0.61	NA	3.1									
Sodium	mg/kg	-	-	-	NA	NA	NA	190 J	NA	440									
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	12									
Zinc	mg/kg	2480	109	1300	NA	NA	NA	17000	NA	8500									
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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R - The result was rejected during validation.

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Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-53	SB-53	SB-54	SB-54	SB-54	SB-54
Sample Name					SB-53-10-12	SB-53-13.5-14	SB-54-0-2	SB-54-2-4	SB-54-6-8	SB-54-10-12
Sample Depth Interval (ft bgs)					10 - 12 ft	13.5 - 14 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					1/11/2023	1/11/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-53			SB-53	SB-54	SB-54	SB-54	SB-54
Sample Name		SB-53-10-12			SB-53-13.5-14	SB-54-0-2	SB-54-2-4	SB-54-6-8	SB-54-10-12
Sample Depth Interval (ft bgs)		10 - 12 ft			13.5 - 14 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date		1/11/2023			1/11/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)									
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	33	< 0.091 U	< 5 U	< 5 U	< 8 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 6 U	0.067 J	12	22	33
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	20	0.045 J	12 J	25 J	27
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	5.5 J	< 0.091 U	3.8 J	6.5	5.1 J
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 0.091 U	< 5 U	< 5 U	< 8 U
PCB (total)	mg/kg	3.2	0.1	1	59	0.11	28	54	66
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA
Miscellaneous Parameters									
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-54	SB-54	SB-55	SB-55	SB-55	SB-55
Sample Name					SB-54-14-16	SB-54-18-20	SB-55-0-2	SB-55-2-4	SB-55-6-8	SB-55-10-12
Sample Depth Interval (ft bgs)					14 - 16 ft	18 - 20 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					1/6/2023	1/6/2023	1/10/2023	1/10/2023	1/10/2023	1/10/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	< 0.0035 U	NA	< 0.0046 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	< 0.0035 U	NA	< 0.0046 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	< 0.0035 U	NA	< 0.0046 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	< 0.035 UJ	NA	< 0.046 UJ	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	0.34	NA	0.23 J	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	< 0.0035 U	NA	< 0.0046 U	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	< 0.0035 U	NA	< 0.0046 U	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	< 0.0035 U	NA	< 0.0046 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	< 0.0035 U	NA	< 0.0046 U	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	< 0.0035 UJ	NA	< 0.0046 UJ	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	0.043 J	NA	0.052 J	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	< 0.0035 U	NA	< 0.0046 U	NA
Styrene	mg/kg	-	300	-	NA	NA	< 0.0035 U	NA	< 0.0046 U	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	0.00094 J	NA	< 0.0046 U	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	< 0.017 U	NA	< 0.023 U	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	< 0.0035 U	NA	< 0.0046 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	< 3.8 U	NA	< 3.6 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	0.3 J	NA	< 0.33 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	< 0.96 U	NA	< 0.91 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	< 1.9 U	NA	0.39 J	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Acetophenone	mg/kg	-	-	-	NA	NA	1.4 J	NA	< 1.8 U	NA
Anthracene	mg/kg	1000	100	100	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	0.81 J	NA	0.22 J	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	9.3	NA	12	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	53	NA	82	NA
Carpolactam	mg/kg	-	-	-	NA	NA	< 1.9 U	NA	< 1.8 U	NA
Carbazole	mg/kg	-	-	-	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	< 1.9 U	NA	< 1.8 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	< 1.9 U	NA	< 1.8 U	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	< 1.9 U	NA	1.1 J	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	0.97 J	NA	1.5 J	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	4.3	NA	16	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	0.38 J	NA	0.46 J	NA
Fluorene	mg/kg	386	30	100	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	< 0.96 U	NA	< 0.91 U	NA
Naphthalene	mg/kg	12	12	84	NA	NA	< 0.96 U	NA	< 0.91 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	< 1.9 U	NA	< 1.8 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	< 0.96 U	NA	0.39 J	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	0.63 J	NA	< 1.8 U	NA
Pyrene	mg/kg	1000	64	100	NA	NA	0.51 J	NA	0.89 J	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	< 2.8 U	NA	< 2.7 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-54			SB-54			SB-55			SB-55			SB-55			SB-55		
Sample Name		SB-54-14-16			SB-54-18-20			SB-55-0-2			SB-55-2-4			SB-55-6-8			SB-55-10-12		
Sample Depth Interval (ft bgs)		14 - 16 ft			18 - 20 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft			10 - 12 ft		
Sample Date		1/6/2023			1/6/2023			1/10/2023			1/10/2023			1/10/2023			1/10/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA		< 2.8 U	NA		< 2.7 U	NA		< 2.7 U	NA		< 2.7 U	NA	
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA		< 4.2 U	NA		< 4 U	NA		< 4 U	NA		< 4 U	NA	
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 0.086 U		31	64		61	51		61	51		61	51	
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	19	< 0.086 U		< 5.6 U	< 5.5 U		< 5.4 U	< 5.8 U		< 5.4 U	< 5.8 U		< 5.4 U	< 5.8 U	
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	17	< 0.086 U		18	30		24	28		24	28		24	28	
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	3.9 J	< 0.086 U		4.8 J	8.5		7.8	7.7		7.8	7.7		7.8	7.7	
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 0.086 U		< 5.6 U	< 5.5 U		< 5.4 U	< 5.8 U		< 5.4 U	< 5.8 U		< 5.4 U	< 5.8 U	
PCB (total)	mg/kg	3.2	0.1	1	40	ND		54	100		93	87		93	87		93	87	
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA		10000	NA		15000	NA		15000	NA		15000	NA	
Antimony	mg/kg	-	12	-	NA	NA		33	NA		35	NA		35	NA		35	NA	
Arsenic	mg/kg	16	13	16	NA	NA		20	NA		7.9	NA		7.9	NA		7.9	NA	
Barium	mg/kg	820	410	410	NA	NA		1900	NA		1900	NA		1900	NA		1900	NA	
Beryllium	mg/kg	47	4.4	8.8	NA	NA		0.58	NA		0.32	NA		0.32	NA		0.32	NA	
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA		64	NA		60	NA		60	NA		60	NA	
Calcium	mg/kg	-	10000	-	NA	NA		18000	NA		60000	NA		60000	NA		60000	NA	
Chromium (total)	mg/kg	19	1	1	NA	NA		160	NA		140	NA		140	NA		140	NA	
Cobalt	mg/kg	-	20	30	NA	NA		42	NA		42	NA		42	NA		42	NA	
Copper	mg/kg	1720	50	280	NA	NA		1800	NA		3500	NA		3500	NA		3500	NA	
Iron	mg/kg	-	2000	2000	NA	NA		200000	NA		180000	NA		180000	NA		180000	NA	
Lead	mg/kg	450	63	400	NA	NA		2000	NA		2300	NA		2300	NA		2300	NA	
Magnesium	mg/kg	-	-	-	NA	NA		7000	NA		6800	NA		6800	NA		6800	NA	
Manganese	mg/kg	2000	1600	2000	NA	NA		1000	NA		780	NA		780	NA		780	NA	
Mercury	mg/kg	0.73	0.18	0.3	NA	NA		3.6	NA		2.3	NA		2.3	NA		2.3	NA	
Nickel	mg/kg	130	30	87	NA	NA		490	NA		440	NA		440	NA		440	NA	
Potassium	mg/kg	-	-	-	NA	NA		360	NA		220	NA		220	NA		220	NA	
Silver	mg/kg	8.3	2	22	NA	NA		2.7	NA		6.7	NA		6.7	NA		6.7	NA	
Sodium	mg/kg	-	-	-	NA	NA		140 J	NA		200 J	NA		200 J	NA		200 J	NA	
Vanadium	mg/kg	-	39	100	NA	NA		18	NA		10	NA		10	NA		10	NA	
Zinc	mg/kg	2480	109	1300	NA	NA		7800	NA		19000	NA		19000	NA		19000	NA	
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA		NA	NA		NA	NA		NA	NA		NA	NA	

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-55	SB-56	SB-56	SB-56	SB-57	SB-57
Sample Name					SB-55-14-15	SB-56-0-2	SB-56-3-4	SB-206-3-4	SB-57-0-2	SB-57-3-4
Sample Depth Interval (ft bgs)					14 - 15 ft	0 - 2 ft	3 - 4 ft	3 - 4 ft	0 - 2 ft	3 - 4 ft
Sample Date					1/10/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
Analyte	Unit	Criteria						Field Duplicate		
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.016 UJ	< 0.017 U	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	0.017 J	0.1	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0016 UJ	< 0.0017 U	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	< 0.032 UJ	0.0058 J	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.0081 U	0.00052 J	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0016 U	< 0.0017 U	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.78 U	< 7.4 U	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.058 U	< 0.055 U	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.2 U	< 1.9 U	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 0.39 U	< 3.7 U	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	< 0.39 U	< 3.7 U	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	< 0.39 U	< 3.7 U	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.39 U	2.3 J	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.39 U	28	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	< 0.39 U	< 3.7 UJ	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.39 U	< 3.7 U	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.39 U	< 3.7 U	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	< 0.39 U	< 3.7 U	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.39 UJ	< 3.7 U	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.39 U	5.2	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	< 0.2 U	< 1.9 U	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.39 U	< 3.7 U	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	< 0.39 U	< 3.7 U	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	< 0.2 U	< 1.9 U	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0046 U	< 0.088 U	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-55			SB-56		SB-56		SB-56		SB-57		SB-57	
Sample Name		SB-55-14-15			SB-56-0-2		SB-56-3-4		SB-206-3-4		SB-57-0-2		SB-57-3-4	
Sample Depth Interval (ft bgs)		14 - 15 ft			0 - 2 ft		3 - 4 ft		3 - 4 ft		0 - 2 ft		3 - 4 ft	
Sample Date		1/10/2023			1/11/2023		1/11/2023		1/11/2023		1/11/2023		1/11/2023	
Analyte	Unit	Criteria							Field Duplicate					
		(1)	(2)	(3)										
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0046 U	< 0.088 U	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.007 U	< 0.13 UJ	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)														
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.093 U	< 0.88 U	< 0.086 U	< 0.086 U	< 0.24 U	< 0.09 U				
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 0.093 U	2.7	< 0.086 U	< 0.086 U	1.8	< 0.09 U				
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.093 U	4	< 0.086 U	< 0.086 U	2.5	< 0.09 U				
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 0.093 U	6	< 0.086 U	< 0.086 U	0.86	< 0.09 U				
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.093 U	< 0.88 U	< 0.086 U	< 0.086 U	< 0.24 U	< 0.09 U				
PCB (total)	mg/kg	3.2	0.1	1	ND	13	ND	ND	5.2	ND				
Metals and Inorganics														
Aluminum	mg/kg	-	10000	-	2500	3300	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	< 1.9 U	2.4	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	< 3.8 U	< 3.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	8	150	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	0.09 J	0.15 J	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	< 0.38 U	5.2	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	340	5100	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	2.6	19	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	1.2 J	7.2	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	4.2 B	110	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	3900	34000	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	2.5	220	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	740	1700	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	30	220	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	0.064	0.15 J+	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	3.3	37	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	200	290	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	< 0.38 U	< 0.36 U	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	< 190 U	< 180 U	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	3.8	5.3	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	12	520	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters														
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-58	SB-58	SB-58	SB-58	SB-59	SB-59
Sample Name					SB-58-0-2	SB-58-2-4	SB-58-6-8	SB-58-12-14	SB-59-0-2	SB-59-2-4
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	12 - 14 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/12/2023	1/12/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	< 0.0024 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	< 0.0024 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	< 0.0024 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	< 0.024 U	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	0.17	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	< 0.0024 U	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	< 0.0024 U	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	< 0.0024 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	< 0.0024 U	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0024 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	0.019 J	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0024 U	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	< 0.0024 U	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	< 0.0024 U	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.012 U	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	< 0.0024 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	< 9 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	R	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	< 2.3 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 4.5 U	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	< 2.3 U	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	< 4.5 U	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	< 2.3 U	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	< 2.3 U	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	< 4.5 U	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	< 2.3 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	< 2.3 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	< 2.3 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	< 2.3 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	11	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	200	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	< 4.5 U	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	< 2.3 U	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	< 2.3 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	< 2.3 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	< 4.5 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	< 4.5 U	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	< 4.5 U	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	0.99 J	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	18	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	< 2.3 U	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	< 2.3 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	< 2.3 U	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	< 2.3 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	< 4.5 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	< 2.3 U	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 4.5 U	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	< 2.3 U	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	< 0.27 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-58			SB-58			SB-58			SB-58			SB-59			SB-59		
Sample Name		SB-58-0-2			SB-58-2-4			SB-58-6-8			SB-58-12-14			SB-59-0-2			SB-59-2-4		
Sample Depth Interval (ft bgs)		0 - 2 ft			2 - 4 ft			6 - 8 ft			12 - 14 ft			0 - 2 ft			2 - 4 ft		
Sample Date		1/11/2023			1/11/2023			1/11/2023			1/11/2023			1/12/2023			1/12/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.27 U	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.4 U	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5.3 U	< 5.1 U	< 5.1 U	< 0.091 U	< 5.4 U	< 5.4 U	< 0.091 U	< 5.4 U	< 5.4 U	< 0.091 U	< 5.4 U	< 5.4 U	< 0.091 U	< 5.4 U	< 5.4 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	31	54	30	< 0.091 U	16	26	< 0.091 U	16	26	< 0.091 U	16	26	< 0.091 U	16	26
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	30	35	29	< 0.091 U	24	28	< 0.091 U	24	28	< 0.091 U	24	28	< 0.091 U	24	28
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	9.6	9.4	7.1	< 0.091 U	6.1 J	7.6 J	< 0.091 U	6.1 J	7.6 J	< 0.091 U	6.1 J	7.6 J	< 0.091 U	6.1 J	7.6 J
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5.3 U	< 5.1 U	< 5.1 U	< 0.091 U	< 5.4 U	< 5.4 U	< 0.091 U	< 5.4 U	< 5.4 U	< 0.091 U	< 5.4 U	< 5.4 U	< 0.091 U	< 5.4 U	< 5.4 U
PCB (total)	mg/kg	3.2	0.1	1	71	98	66	ND	46	62	ND	46	62	ND	46	62	ND	46	62
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	11000	NA	NA	NA	NA	11000	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	41	NA	NA	NA	NA	41	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	2.8 J	NA	NA	NA	NA	2.8 J	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	2300	NA	NA	NA	NA	2300	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	0.16 J	NA	NA	NA	NA	0.16 J	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	54	NA	NA	NA	NA	54	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	22000	NA	NA	NA	NA	22000	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	160	NA	NA	NA	NA	160	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	42	NA	NA	NA	NA	42	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	4000	NA	NA	NA	NA	4000	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	180000	NA	NA	NA	NA	180000	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	2400	NA	NA	NA	NA	2400	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	6900	NA	NA	NA	NA	6900	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	920	NA	NA	NA	NA	920	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	3.1	NA	NA	NA	NA	3.1	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	380	NA	NA	NA	NA	380	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	290	NA	NA	NA	NA	290	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	19	NA	NA	NA	NA	19	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	370	NA	NA	NA	NA	370	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	21	NA	NA	NA	NA	21	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	11000	NA	NA	NA	NA	11000	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	< 0.13 U	NA	NA	NA	NA	< 0.13 U	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-59	SB-59	SB-59	SB-59	SB-60	SB-60
Sample Name					SB-59-6-8	SB-59-10-12	SB-59-14-16	SB-59-18-20	SB-60-0.0-0.5	SB-60-0.8-1.0
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	14 - 16 ft	18 - 20 ft	0 - 0.5 ft	0.8 - 1 ft
Sample Date					1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/3/2023	1/3/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	< 0.024 U	NA	< 0.018 U	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	0.23	NA	0.015 J	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	0.0038	NA	< 0.0018 U	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	0.052	NA	< 0.035 U	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
Styrene	mg/kg	-	300	-	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	< 0.012 U	NA	< 0.0089 U	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	< 0.0024 U	NA	< 0.0018 U	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	< 8.8 U	NA	< 0.73 U	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	< 0.33 UJ	NA	< 0.055 U	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	< 2.2 U	NA	< 0.19 U	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	< 4.4 U	NA	< 0.37 U	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Acetophenone	mg/kg	-	-	-	NA	< 4.4 U	NA	< 0.37 U	NA	NA
Anthracene	mg/kg	1000	100	100	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	< 4.4 U	NA	< 0.37 U	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	15	NA	< 0.37 U	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	1300	NA	0.09 J	NA	NA
Carpolactam	mg/kg	-	-	-	NA	< 4.4 U	NA	< 0.37 U	NA	NA
Carbazole	mg/kg	-	-	-	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	< 4.4 U	NA	< 0.37 U	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	< 4.4 U	NA	< 0.37 U	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	< 4.4 U	NA	< 0.37 U	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	4.1 J	NA	< 0.37 U	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	130	NA	< 0.37 U	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	2.3	NA	< 0.19 U	NA	NA
Fluorene	mg/kg	386	30	100	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	< 2.2 U	NA	< 0.19 U	NA	NA
Naphthalene	mg/kg	12	12	84	NA	< 2.2 U	NA	< 0.19 U	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	< 4.4 U	NA	< 0.37 UJ	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	1.5 J	NA	< 0.19 U	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	1 J	NA	< 0.37 U	NA	NA
Pyrene	mg/kg	1000	64	100	NA	2.1 J	NA	< 0.19 U	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	< 0.26 U	NA	< 0.0044 U	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-59			SB-59			SB-59			SB-59			SB-60			SB-60		
Sample Name		SB-59-6-8			SB-59-10-12			SB-59-14-16			SB-59-18-20			SB-60-0.0-0.5			SB-60-0.8-1.0		
Sample Depth Interval (ft bgs)		6 - 8 ft			10 - 12 ft			14 - 16 ft			18 - 20 ft			0 - 0.5 ft			0.8 - 1 ft		
Sample Date		1/12/2023			1/12/2023			1/12/2023			1/12/2023			1/3/2023			1/3/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	< 0.26 U	NA	< 0.0044 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	< 0.39 U	NA	< 0.0066 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5.3 U	< 5.2 U	< 5.1 U	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	21	23	31 J	< 0.087 U	0.056 J	< 0.11 U	< 0.087 U	0.056 J	< 0.11 U	< 0.087 U	0.056 J	< 0.11 U	< 0.087 U	0.056 J	< 0.11 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	24	17	25	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	5.9 J	5.1 J	5.4 J	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5.3 U	< 5.2 U	< 5.1 U	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U	< 0.087 U	< 0.13 U	< 0.11 U
PCB (total)	mg/kg	3.2	0.1	1	51	45	61	ND	0.056	ND	ND	0.056	ND	ND	0.056	ND	ND	0.056	ND
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	6100	NA	4100	NA	NA	4100	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	0.65 J-	NA	NA	0.65 J-	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	110	NA	< 3.6 U	NA	NA	< 3.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	1600	NA	23	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	0.12 J	NA	0.12 J	NA	NA	0.12 J	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	44	NA	< 0.36 U	NA	NA	< 0.36 U	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	180 J	NA	NA	180 J	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	200	NA	3.8	NA	NA	3.8	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	58	NA	2.6	NA	NA	2.6	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	31000	NA	15	NA	NA	15	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	180000	NA	6000	NA	NA	6000	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	28000	NA	2 B	NA	NA	2 B	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	7200	NA	1200	NA	NA	1200	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	300	NA	NA	300	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	2.7	NA	< 0.027 U	NA	NA	< 0.027 U	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	6.5	NA	NA	6.5	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	510	NA	NA	510	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	6.5	NA	< 0.36 U	NA	NA	< 0.36 U	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	320	NA	< 180 U	NA	NA	< 180 U	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	19	NA	5.1	NA	NA	5.1	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	7300	NA	13	NA	NA	13	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	< 0.13 U	NA	< 0.11 U	NA	NA	< 0.11 U	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-61	SB-61	SB-62	SB-62	SB-62	SB-62
Sample Name					SB-61-0-2	SB-61-3-5	SB-62-0-2	SB-62-2-4	SB-62-6-8	SB-62-9-10
Sample Depth Interval (ft bgs)					0 - 2 ft	3 - 5 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	9 - 10 ft
Sample Date					1/11/2023	1/11/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	< 0.0048 U	< 0.0026 U	NA	< 0.003 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	< 0.0048 U	< 0.0026 U	NA	0.0017 J	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	< 0.0048 U	< 0.0026 U	NA	0.0029 J	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	< 0.048 U	0.0075 J	NA	< 0.03 U	NA
Acetone	mg/kg	0.03	0.03	100	NA	0.092 J	0.27	NA	0.082 J	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	< 0.0048 U	0.0012 J	NA	< 0.003 U	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	< 0.0048 U	< 0.0026 U	NA	< 0.003 U	NA
Ethylbenzene	mg/kg	1	1	32	NA	< 0.0048 U	< 0.0026 U	NA	< 0.003 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	< 0.0048 U	< 0.0026 U	NA	< 0.003 U	NA
Methyl Acetate	mg/kg	-	-	-	NA	0.014	< 0.0026 U	NA	< 0.003 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	< 0.097 U	0.052	NA	0.016 J	NA
Methylcyclohexane	mg/kg	-	-	-	NA	< 0.0048 U	< 0.0026 U	NA	< 0.003 U	NA
Styrene	mg/kg	-	300	-	NA	< 0.0048 U	0.00078 J	NA	< 0.003 U	NA
Toluene	mg/kg	0.7	0.7	100	NA	< 0.0048 U	0.001 J	NA	< 0.003 U	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	< 0.024 U	< 0.013 U	NA	< 0.015 U	NA
Xylenes	mg/kg	1.2	0.26	100	NA	< 0.0048 U	< 0.0026 U	NA	< 0.003 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	< 0.75 U	< 14 U	NA	< 8.8 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	< 0.056 U	0.49	NA	< 0.066 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	< 0.19 U	< 3.6 U	NA	< 2.2 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	< 0.38 U	< 7.1 U	NA	< 4.5 U	NA
Acenaphthene	mg/kg	98	20	100	NA	< 0.19 U	< 3.6 U	NA	< 2.2 U	NA
Acetophenone	mg/kg	-	-	-	NA	< 0.38 U	< 7.1 U	NA	< 4.5 U	NA
Anthracene	mg/kg	1000	100	100	NA	< 0.19 U	2.1 J	NA	< 2.2 U	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	< 0.19 U	7.3	NA	< 2.2 U	NA
Benzaldehyde	mg/kg	-	-	-	NA	< 0.38 U	0.85 J	NA	< 4.5 U	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	< 0.19 U	4.1	NA	< 2.2 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	< 0.19 U	7	NA	< 2.2 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	< 0.19 U	2 J	NA	< 2.2 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	< 0.19 U	2.3 J	NA	< 2.2 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	< 0.38 U	23	NA	3.2 J	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	< 0.38 U	340	NA	150	NA
Carpolactam	mg/kg	-	-	-	NA	< 0.38 U	< 7.1 U	NA	< 4.5 U	NA
Carbazole	mg/kg	-	-	-	NA	< 0.19 U	< 3.6 U	NA	< 2.2 U	NA
Chrysene	mg/kg	1	1	1.2	NA	< 0.19 U	7.4	NA	< 2.2 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	< 0.19 U	< 3.6 U	NA	< 2.2 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	< 0.38 U	< 7.1 U	NA	< 4.5 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	< 0.38 U	< 7.1 U	NA	< 4.5 U	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	< 0.38 U	8.6	NA	< 4.5 U	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	< 0.38 U	4.3 J	NA	< 4.5 U	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	< 0.38 U	18	NA	12	NA
Fluoranthene	mg/kg	1000	85	100	NA	< 0.19 U	21	NA	< 2.2 U	NA
Fluorene	mg/kg	386	30	100	NA	< 0.19 U	< 3.6 U	NA	< 2.2 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	< 0.19 U	1.9 J	NA	< 2.2 U	NA
Naphthalene	mg/kg	12	12	84	NA	< 0.19 U	< 3.6 U	NA	< 2.2 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	< 0.38 U	< 7.1 U	NA	< 4.5 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	< 0.19 U	7.9	NA	< 2.2 U	NA
Phenol	mg/kg	0.33	0.33	100	NA	< 0.38 U	2.8 J	NA	< 4.5 U	NA
Pyrene	mg/kg	1000	64	100	NA	< 0.19 U	16	NA	< 2.2 U	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	< 0.0045 U	< 0.28 U	NA	< 0.11 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-61			SB-61			SB-62			SB-62			SB-62			SB-62		
Sample Name		SB-61-0-2			SB-61-3-5			SB-62-0-2			SB-62-2-4			SB-62-6-8			SB-62-9-10		
Sample Depth Interval (ft bgs)		0 - 2 ft			3 - 5 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft			9 - 10 ft		
Sample Date		1/11/2023			1/11/2023			1/12/2023			1/12/2023			1/12/2023			1/12/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	< 0.0045 U	< 0.28 U	NA	< 0.11 U	NA									
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	< 0.0067 UJ	< 0.42 U	NA	< 0.16 U	NA									
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.089 U	< 0.089 U	< 5.6 U	35 J	< 5.3 U	< 0.087 U									
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	0.36	< 0.089 U	22	< 5.4 U	13	0.056 J									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	0.7	< 0.089 U	20	33	11	0.055 J									
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	0.21	< 0.089 U	5.6 J	7.4 J	3.1 J	< 0.087 U									
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.089 U	< 0.089 U	< 5.6 U	< 5.4 U	< 5.3 U	< 0.087 U									
PCB (total)	mg/kg	3.2	0.1	1	1.3	ND	48	75	27	0.11									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	2100	7200	NA	4700	NA									
Antimony	mg/kg	-	12	-	NA	< 1.8 U	59	NA	20	NA									
Arsenic	mg/kg	16	13	16	NA	< 3.6 U	2.5 J	NA	2.4 J	NA									
Barium	mg/kg	820	410	410	NA	16	3100	NA	1000	NA									
Beryllium	mg/kg	47	4.4	8.8	NA	0.16 J	0.13 J	NA	0.15 J	NA									
Cadmium	mg/kg	7.5	2.5	2.5	NA	< 0.36 U	57	NA	32	NA									
Calcium	mg/kg	-	10000	-	NA	520	33000	NA	17000	NA									
Chromium (total)	mg/kg	19	1	1	NA	3	190	NA	77	NA									
Cobalt	mg/kg	-	20	30	NA	1.3 J	38	NA	42	NA									
Copper	mg/kg	1720	50	280	NA	5.9	1700	NA	NA	NA									
Iron	mg/kg	-	2000	2000	NA	4800	220000	NA	100000	NA									
Lead	mg/kg	450	63	400	NA	1.4	2600	NA	1200	NA									
Magnesium	mg/kg	-	-	-	NA	690	7300	NA	4100	NA									
Manganese	mg/kg	2000	1600	2000	NA	95	1100	NA	490	NA									
Mercury	mg/kg	0.73	0.18	0.3	NA	< 0.027 U	2.1	NA	1.7	NA									
Nickel	mg/kg	130	30	87	NA	3.1	530	NA	310	NA									
Potassium	mg/kg	-	-	-	NA	290	270	NA	320	NA									
Silver	mg/kg	8.3	2	22	NA	< 0.36 U	2.3	NA	1.8	NA									
Sodium	mg/kg	-	-	-	NA	< 180 U	190 J	NA	200 J	NA									
Vanadium	mg/kg	-	39	100	NA	3.6	22	NA	15	NA									
Zinc	mg/kg	2480	109	1300	NA	7.9	9100	NA	4100	NA									
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	0.16	NA	< 0.11 U	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

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B - Indicates the analyte is detected in the associate blank as well as in the sample.

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J- - Reported concentration is an estimated value, and may be biased low.

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Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-63	SB-63	SB-63	SB-63	SB-64	SB-64
Sample Name					SB-63-0-2	SB-63-2-4	SB-63-6-8	SB-63-12.5-13	SB-64-0-2	SB-64-3.4-4.0
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	12.5 - 13 ft	0 - 2 ft	3.4 - 4 ft
Sample Date					1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/3/2023	1/3/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	< 0.0041 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	< 0.0041 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	< 0.0041 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	< 0.041 U	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	< 0.21 U	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	< 0.0041 U	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	< 0.0041 U	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	< 0.0041 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	< 0.0041 U	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0041 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	< 0.082 U	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0041 U	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	< 0.0041 U	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	< 0.0041 U	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.021 U	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	< 0.0041 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	< 1 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	< 0.092 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	< 0.31 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 1 U	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	< 0.31 U	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	< 1 U	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	< 0.31 U	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	< 0.31 U	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	< 1 U	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	< 0.31 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	< 0.31 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	< 0.31 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	< 0.31 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	< 1 U	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	< 1 U	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	< 1 U	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	< 0.31 U	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	< 0.31 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	< 0.31 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	< 1 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	< 1 U	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	< 1 U	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	< 1 U	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	< 1 U	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	< 0.31 U	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	< 0.31 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	< 0.31 U	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	< 0.31 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	< 1 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	< 0.31 U	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 1 U	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	< 0.31 U	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	0.0034 J	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-63			SB-63			SB-63			SB-63			SB-64			SB-64		
Sample Name		SB-63-0-2			SB-63-2-4			SB-63-6-8			SB-63-12.5-13			SB-64-0-2			SB-64-3.4-4.0		
Sample Depth Interval (ft bgs)		0 - 2 ft			2 - 4 ft			6 - 8 ft			12.5 - 13 ft			0 - 2 ft			3.4 - 4 ft		
Sample Date		1/12/2023			1/12/2023			1/12/2023			1/12/2023			1/3/2023			1/3/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0032 J	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.011 U	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 4.9 U	< 5.5 U	< 5.6 U	< 0.089 U	< 0.15 U	< 0.091 U	< 0.089 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	15	37	19	< 0.089 U	< 0.15 U	< 0.091 U	< 0.089 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	13	51	14	< 0.089 U	< 0.15 U	< 0.091 U	< 0.089 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	3.4 J	5.3 J	3.3 J	< 0.089 U	< 0.15 U	< 0.091 U	< 0.089 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 4.9 U	< 5.5 U	< 5.6 U	< 0.089 U	< 0.15 U	< 0.091 U	< 0.089 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U	< 0.15 U	< 0.091 U
PCB (total)	mg/kg	3.2	0.1	1	31	93	36	ND	0.098	ND	ND	0.098	ND	0.098	ND	0.098	ND	0.098	ND
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	1000	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 3 UJ	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3 J	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	120	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.29 U	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.5	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	6400	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.8	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.1 J	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	54	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	4400	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	55	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	580 J-	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	430	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.055 B	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA	63 J-	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	300	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 1 U	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 290 U	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.3	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	920	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-65	SB-65	SB-66	SB-66	SB-66	SB-66
Sample Name					SB-65-0-2	SB-65-3-5	SB-66-0-2	SB-66-2-4	SB-66-6-8	SB-66-9.5-10
Sample Depth Interval (ft bgs)					0 - 2 ft	3 - 5 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	9.5 - 10 ft
Sample Date					1/11/2023	1/11/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	< 0.0017 U	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	< 0.0017 U	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	< 0.0017 U	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	< 0.017 U	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	0.027 J	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	< 0.0017 U	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	< 0.0017 U	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	< 0.0017 U	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	< 0.0017 U	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	< 0.0017 U	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	< 0.033 U	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	< 0.0017 U	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	< 0.0017 U	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	< 0.0017 U	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	< 0.0084 U	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	< 0.0017 U	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	< 0.73 U	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	< 0.054 U	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	< 0.18 U	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	< 0.37 U	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	< 0.18 U	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	< 0.37 U	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	< 0.18 U	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	< 0.18 U	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	< 0.37 U	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	< 0.18 U	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	< 0.18 U	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	< 0.18 U	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	< 0.18 U	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	< 0.37 U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	< 0.37 U	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	< 0.37 UJ	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	< 0.18 U	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	< 0.18 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	< 0.18 U	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	< 0.37 U	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	< 0.37 U	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	< 0.37 U	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	< 0.37 U	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	< 0.37 U	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	< 0.18 U	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	< 0.18 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	< 0.18 U	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	< 0.18 U	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	< 0.37 U	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	< 0.18 U	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	< 0.37 U	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	< 0.18 U	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	< 0.0043 U	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-65			SB-65			SB-66			SB-66			SB-66			SB-66		
Sample Name		SB-65-0-2			SB-65-3-5			SB-66-0-2			SB-66-2-4			SB-66-6-8			SB-66-9.5-10		
Sample Depth Interval (ft bgs)		0 - 2 ft			3 - 5 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft			9.5 - 10 ft		
Sample Date		1/11/2023			1/11/2023			1/12/2023			1/12/2023			1/12/2023			1/12/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	< 0.0043 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	< 0.0065 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.089 U	< 0.087 U	< 5.1 U	< 5.3 U	< 0.5 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	0.6	< 0.087 U	18	26	2.8	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	0.99	< 0.087 U	16	17	2	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	0.32	< 0.087 U	4.9 J	5 J	0.44 J	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.089 U	< 0.087 U	< 5.1 U	< 5.3 U	< 0.5 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U
PCB (total)	mg/kg	3.2	0.1	1	1.9	ND	39	48	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	2500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	< 1.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	< 3.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	0.15 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	< 0.35 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	580	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	4.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	1.6 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	5500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	790	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	< 0.026 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	3.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	< 0.35 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	< 180 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	4.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	8.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

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R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-67	SB-67	SB-67	SB-67	SB-68	SB-68
Sample Name					SB-67-0-2	SB-67-2-4	SB-67-6-8	SB-67-10-12	SB-68-0-2	SB-68-2-4
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/13/2023	1/13/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0033 U	NA	< 0.0026 U	NA	< 0.0028 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0033 U	NA	< 0.0026 U	NA	< 0.0028 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0033 U	NA	< 0.0026 U	NA	< 0.0028 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.033 U	NA	< 0.026 U	NA	< 0.028 U	NA
Acetone	mg/kg	0.03	0.03	100	0.28	NA	0.083 J	NA	0.2	NA
Benzene	mg/kg	0.06	0.06	1.2	0.0082	NA	< 0.0026 U	NA	0.001 J	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0033 U	NA	< 0.0026 U	NA	< 0.0028 U	NA
Ethylbenzene	mg/kg	1	1	32	0.028	NA	< 0.0026 U	NA	< 0.0028 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	0.0023 J	NA	< 0.0026 U	NA	< 0.0028 U	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0033 U	NA	< 0.0026 U	NA	< 0.0028 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	0.06 J	NA	0.014 J	NA	0.026 J	NA
Methylcyclohexane	mg/kg	-	-	-	0.002 J	NA	< 0.0026 U	NA	< 0.0028 U	NA
Styrene	mg/kg	-	300	-	0.0069	NA	< 0.0026 U	NA	< 0.0028 U	NA
Toluene	mg/kg	0.7	0.7	100	0.0064	NA	< 0.0026 U	NA	0.00074 J	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.017 U	NA	< 0.013 U	NA	< 0.014 U	NA
Xylenes	mg/kg	1.2	0.26	100	0.016	NA	< 0.0026 U	NA	< 0.0028 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 8.7 U	NA	< 8.4 U	NA	< 8.6 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.33 U	NA	1.1	NA	0.79	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 4.4 U	NA	< 4.3 U	NA	< 4.4 U	NA
Acenaphthene	mg/kg	98	20	100	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
Acetophenone	mg/kg	-	-	-	< 4.4 U	NA	< 4.3 U	NA	< 4.4 U	NA
Anthracene	mg/kg	1000	100	100	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
Benz(a)anthracene	mg/kg	1	1	1	< 2.2 U	NA	0.78 J	NA	< 2.2 U	NA
Benzaldehyde	mg/kg	-	-	-	0.65 J	NA	< 4.3 U	NA	< 4.4 U	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 2.2 U	NA	1.1 J	NA	< 2.2 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	9.3	NA	7.7	NA	9	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	260	NA	1000	NA	38	NA
Carpolactam	mg/kg	-	-	-	< 4.4 U	NA	< 4.3 U	NA	< 4.4 U	NA
Carbazole	mg/kg	-	-	-	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
Chrysene	mg/kg	1	1	1.2	< 2.2 U	NA	1.3 J	NA	< 2.2 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 4.4 U	NA	< 4.3 U	NA	< 4.4 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 4.4 U	NA	< 4.3 U	NA	< 4.4 U	NA
Dimethyl phthalate	mg/kg	27	27	100	< 4.4 U	NA	< 4.3 U	NA	< 4.4 U	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	1.1 J	NA	1.2 J	NA	1.4 J	NA
Di-n-octyl phthalate	mg/kg	120	100	100	23	NA	40	NA	7.6	NA
Fluoranthene	mg/kg	1000	85	100	0.95 J	NA	2.6	NA	< 2.2 U	NA
Fluorene	mg/kg	386	30	100	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
Naphthalene	mg/kg	12	12	84	< 2.2 U	NA	< 2.1 U	NA	< 2.2 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 4.4 U	NA	< 4.3 U	NA	< 4.4 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 2.2 U	NA	0.96 J	NA	< 2.2 U	NA
Phenol	mg/kg	0.33	0.33	100	< 4.4 U	NA	< 4.3 U	NA	< 4.4 U	NA
Pyrene	mg/kg	1000	64	100	1.1 J	NA	2.5	NA	< 2.2 U	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.26 U	NA	< 0.25 U	NA	< 0.26 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-67	SB-67	SB-67	SB-67	SB-68	SB-68
Sample Name					SB-67-0-2	SB-67-2-4	SB-67-6-8	SB-67-10-12	SB-68-0-2	SB-68-2-4
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/13/2023	1/13/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.26 U	NA	< 0.25 U	NA	< 0.26 U	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.39 U	NA	< 0.38 U	NA	< 0.39 U	NA
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5.2 U	< 5.4 U	< 5 U	< 0.089 U	< 5.2 U	< 5.2 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	15	18	80	< 0.089 U	34	25
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	11	12	56	< 0.089 U	30	24
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	2.6 J	3.7 J	13 J	< 0.089 U	7	5.8
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5.2 U	< 5.4 U	< 5 U	< 0.089 U	< 5.2 U	< 5.2 U
PCB (total)	mg/kg	3.2	0.1	1	29	34	150	ND	71	55
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	8700	NA	7400	NA	12000	NA
Antimony	mg/kg	-	12	-	28	NA	72	NA	290	NA
Arsenic	mg/kg	16	13	16	4.4	NA	8.1	NA	16	NA
Barium	mg/kg	820	410	410	1400	NA	1500	NA	1700	NA
Beryllium	mg/kg	47	4.4	8.8	0.11 J	NA	0.2 J	NA	0.12 J	NA
Cadmium	mg/kg	7.5	2.5	2.5	35	NA	120	NA	63	NA
Calcium	mg/kg	-	10000	-	66000	NA	50000	NA	37000	NA
Chromium (total)	mg/kg	19	1	1	120	NA	160	NA	160	NA
Cobalt	mg/kg	-	20	30	63	NA	110	NA	41	NA
Copper	mg/kg	1720	50	280	4600	NA	13000	NA	32000	NA
Iron	mg/kg	-	2000	2000	140000	NA	170000	NA	230000	NA
Lead	mg/kg	450	63	400	1600	NA	2100	NA	2700	NA
Magnesium	mg/kg	-	-	-	11000	NA	7400	NA	10000	NA
Manganese	mg/kg	2000	1600	2000	660	NA	860	NA	850	NA
Mercury	mg/kg	0.73	0.18	0.3	1.2	NA	2.9	NA	2.1	NA
Nickel	mg/kg	130	30	87	270	NA	370	NA	330	NA
Potassium	mg/kg	-	-	-	260	NA	340	NA	260	NA
Silver	mg/kg	8.3	2	22	1.5	NA	10	NA	4.1	NA
Sodium	mg/kg	-	-	-	280	NA	270	NA	220	NA
Vanadium	mg/kg	-	39	100	17	NA	20	NA	16	NA
Zinc	mg/kg	2480	109	1300	6200	NA	15000	NA	18000	NA
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	0.19	NA	< 0.14 U	NA	1.1	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-68	SB-68	SB-68	SB-69	SB-69	SB-69
Sample Name					SB-168-2-4	SB-68-6-8	SB-68-13.5-14.5	SB-69-0-2	SB-69-2-4	SB-69-6-8
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	13.5 - 14.5 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft
Sample Date					1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	< 0.002 U	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	< 0.002 U	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	< 0.002 U	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	0.0064 J	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	0.089 J	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	< 0.002 U	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	< 0.002 U	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	< 0.002 U	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	< 0.002 U	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	< 0.002 U	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	< 0.04 U	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	< 0.002 U	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	< 0.002 U	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	< 0.002 U	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	< 0.01 U	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	< 0.002 U	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	< 0.77 U	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	< 0.057 U	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	0.11 J	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 0.39 U	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	0.36	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	0.13 J	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	0.74	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	1.9	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	0.1 J	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	1.6	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	2	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	1	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	0.85	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	4.7	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	18	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	< 0.39 U	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	0.36	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	1.9	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	0.29	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	0.21 J	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	< 0.39 U	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	< 0.39 U	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	0.12 J	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	5	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	4.9	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	0.41	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	1	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	0.14 J	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	< 0.39 U	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	3	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	0.13 J	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	3.6	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	< 0.023 U	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-68			SB-68			SB-68			SB-69			SB-69			SB-69		
Sample Name		SB-168-2-4			SB-68-6-8			SB-68-13.5-14.5			SB-69-0-2			SB-69-2-4			SB-69-6-8		
Sample Depth Interval (ft bgs)		2 - 4 ft			6 - 8 ft			13.5 - 14.5 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft		
Sample Date		1/13/2023			1/13/2023			1/13/2023			1/13/2023			1/13/2023			1/13/2023		
Analyte	Unit	Criteria			Field Duplicate														
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA			NA			< 0.023 U		NA			NA			NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA			NA			< 0.034 U		NA			NA			NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5.4 U			< 5.2 U			< 0.088 U		< 0.091 U			< 0.091 U			< 0.093 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	23			17			< 0.088 U		0.25			< 0.091 U			0.16
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	16			11			< 0.088 U		0.29			< 0.091 U			0.17
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	3.6 J			2.4 J			< 0.088 U		0.092			< 0.091 U			0.052 J
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5.4 U			< 5.2 U			< 0.088 U		< 0.091 U			< 0.091 U			< 0.093 U
PCB (total)	mg/kg	3.2	0.1	1	43			30			ND		0.63			ND			0.38
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA			NA			NA		3200			NA			NA
Antimony	mg/kg	-	12	-	NA			NA			NA		< 1.8 U			NA			NA
Arsenic	mg/kg	16	13	16	NA			NA			NA		< 3.7 U			NA			NA
Barium	mg/kg	820	410	410	NA			NA			NA		29			NA			NA
Beryllium	mg/kg	47	4.4	8.8	NA			NA			NA		< 0.18 U			NA			NA
Cadmium	mg/kg	7.5	2.5	2.5	NA			NA			NA		0.56			NA			NA
Calcium	mg/kg	-	10000	-	NA			NA			NA		1000			NA			NA
Chromium (total)	mg/kg	19	1	1	NA			NA			NA		4.1			NA			NA
Cobalt	mg/kg	-	20	30	NA			NA			NA		1.9			NA			NA
Copper	mg/kg	1720	50	280	NA			NA			NA		17			NA			NA
Iron	mg/kg	-	2000	2000	NA			NA			NA		5000			NA			NA
Lead	mg/kg	450	63	400	NA			NA			NA		21			NA			NA
Magnesium	mg/kg	-	-	-	NA			NA			NA		880			NA			NA
Manganese	mg/kg	2000	1600	2000	NA			NA			NA		87			NA			NA
Mercury	mg/kg	0.73	0.18	0.3	NA			NA			NA		0.27			NA			NA
Nickel	mg/kg	130	30	87	NA			NA			NA		6.6			NA			NA
Potassium	mg/kg	-	-	-	NA			NA			NA		290			NA			NA
Silver	mg/kg	8.3	2	22	NA			NA			NA		< 0.37 U			NA			NA
Sodium	mg/kg	-	-	-	NA			NA			NA		< 180 U			NA			NA
Vanadium	mg/kg	-	39	100	NA			NA			NA		4.7			NA			NA
Zinc	mg/kg	2480	109	1300	NA			NA			NA		100			NA			NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA			NA			NA		< 0.11 U			NA			NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-69	SB-69	SB-70	SB-70	SB-70	SB-70
Sample Name					SB-69-10-12	SB-169-10-12	SB-70-0-2	SB-170-0-2	SB-70-2-4	SB-70-6-8
Sample Depth Interval (ft bgs)					10 - 12 ft	10 - 12 ft	0 - 2 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft
Sample Date					1/13/2023	1/13/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Analyte	Unit	Criteria			Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.017 U	< 0.02 U	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	0.013 J	0.018 J	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	< 0.035 U	< 0.04 U	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.0086 U	< 0.01 U	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0017 U	< 0.002 U	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.72 U	< 0.73 U	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.054 U	< 0.055 U	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.18 U	< 0.19 U	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	0.078 J	< 0.37 U	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	< 0.18 U	< 0.19 U	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	< 0.37 U	< 0.37 U	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	< 0.18 U	< 0.19 U	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0043 U	< 0.0044 U	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-69			SB-69		SB-70		SB-70		SB-70	
Sample Name		SB-69-10-12			SB-169-10-12		SB-70-0-2		SB-170-0-2		SB-70-2-4	
Sample Depth Interval (ft bgs)		10 - 12 ft			10 - 12 ft		0 - 2 ft		0 - 2 ft		2 - 4 ft	
Sample Date		1/13/2023			1/13/2023		1/12/2023		1/12/2023		1/12/2023	
Analyte	Unit	Criteria			Field Duplicate		Field Duplicate		Field Duplicate		Field Duplicate	
		(1)	(2)	(3)								
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0043 U		< 0.0044 U		NA		NA	
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.0064 U		< 0.0066 U		NA		NA	
Polychlorinated Biphenyls (PCBs)												
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.086 U		< 0.087 U		< 6.3 U		< 4.8 U	
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	0.12		< 0.087 U		9		7.5	
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	0.14		< 0.087 U		10		6.4	
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	0.038 J		< 0.087 U		4.4 J		1.8 J	
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.086 U		< 0.087 U		< 6.3 U		< 4.8 U	
PCB (total)	mg/kg	3.2	0.1	1	0.30		ND		23		16	
Metals and Inorganics												
Aluminum	mg/kg	-	10000	-	3100		2600		NA		NA	
Antimony	mg/kg	-	12	-	< 1.8 U		< 1.8 U		NA		NA	
Arsenic	mg/kg	16	13	16	0.78 J		0.74 J		NA		NA	
Barium	mg/kg	820	410	410	38		53		NA		NA	
Beryllium	mg/kg	47	4.4	8.8	0.054 J		0.058 J		NA		NA	
Cadmium	mg/kg	7.5	2.5	2.5	0.37		< 0.36 U		NA		NA	
Calcium	mg/kg	-	10000	-	680		420		NA		NA	
Chromium (total)	mg/kg	19	1	1	18 J		3.4 J		NA		NA	
Cobalt	mg/kg	-	20	30	2.1		1.9		NA		NA	
Copper	mg/kg	1720	50	280	36 J		5.6 J		NA		NA	
Iron	mg/kg	-	2000	2000	6700		5200		NA		NA	
Lead	mg/kg	450	63	400	22 J		1.5 J		NA		NA	
Magnesium	mg/kg	-	-	-	990		980		NA		NA	
Manganese	mg/kg	2000	1600	2000	160		210		NA		NA	
Mercury	mg/kg	0.73	0.18	0.3	< 0.027 U		< 0.027 U		NA		NA	
Nickel	mg/kg	130	30	87	10 J		4.5 J		NA		NA	
Potassium	mg/kg	-	-	-	430		420		NA		NA	
Silver	mg/kg	8.3	2	22	< 0.35 U		< 0.36 U		NA		NA	
Sodium	mg/kg	-	-	-	< 180 U		< 180 U		NA		NA	
Vanadium	mg/kg	-	39	100	4.8		4.2		NA		NA	
Zinc	mg/kg	2480	109	1300	90 J		13 J		NA		NA	
Miscellaneous Parameters												
Cyanide	mg/kg	40	2.3	2.6	< 0.11 U		< 0.11 U		NA		NA	

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-70	SB-71	SB-71	SB-71	SB-71	SB-71
Sample Name					SB-70-9-10	SB-71-0-2	SB-71-2-4	SB-71-6-8	SB-71-10-12	SB-71-14.5-15
Sample Depth Interval (ft bgs)					9 - 10 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	14.5 - 15 ft
Sample Date					1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-70			SB-71			SB-71		
Sample Name		SB-70-9-10			SB-71-0-2			SB-71-2-4		
Sample Depth Interval (ft bgs)		9 - 10 ft			0 - 2 ft			2 - 4 ft		
Sample Date		1/12/2023			1/12/2023			1/12/2023		
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.099 U	< 4.9 U	< 5.3 U	< 8 U	< 0.28 U	< 0.089 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 0.099 U	14	22	15	1.5	0.1
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.099 U	11	17	12	1	0.071 J
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 0.099 U	2.9 J	4.2 J	< 8 U	0.3	< 0.089 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.099 U	< 4.9 U	< 5.3 U	< 8 U	< 0.28 U	< 0.089 U
PCB (total)	mg/kg	3.2	0.1	1	ND	28	43	27	2.8	0.17
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-72	SB-72	SB-72	SB-72	SB-73	SB-73
Sample Name					SB-72-0-2	SB-72-2-4	SB-72-6-8	SB-72-10-12	SB-73-0-2	SB-73-2-4
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	< 0.0037 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	< 0.0037 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	< 0.0037 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.038 U	NA	< 0.016 U	< 0.016 U	0.0094 J	NA
Acetone	mg/kg	0.03	0.03	100	0.14 J	NA	0.031 J	0.032 J	0.45	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	0.0014 J	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	< 0.0037 U	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	< 0.0037 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	< 0.0037 U	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	< 0.0037 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	0.026 J	NA	< 0.032 U	< 0.033 U	0.044 J	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	< 0.0037 U	NA
Styrene	mg/kg	-	300	-	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	< 0.0037 U	NA
Toluene	mg/kg	0.7	0.7	100	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	0.0014 J	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.019 U	NA	< 0.0081 U	0.00048 J	< 0.018 U	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0038 U	NA	< 0.0016 U	< 0.0016 U	< 0.0037 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 8.8 U	NA	< 0.73 U	< 0.75 U	< 0.93 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.33 U	NA	< 0.055 U	0.027 J	< 0.35 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 2.2 U	NA	< 0.19 U	< 0.19 U	0.11 J	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 4.5 U	NA	< 0.37 U	< 0.38 U	< 0.47 U	NA
Acenaphthene	mg/kg	98	20	100	< 2.2 U	NA	< 0.19 U	< 0.19 U	< 0.24 U	NA
Acetophenone	mg/kg	-	-	-	< 4.5 U	NA	< 0.37 U	< 0.38 U	< 0.47 U	NA
Anthracene	mg/kg	1000	100	100	< 2.2 U	NA	< 0.19 U	< 0.19 U	< 0.24 U	NA
Benz(a)anthracene	mg/kg	1	1	1	< 2.2 U	NA	< 0.19 U	< 0.19 U	0.14 J	NA
Benzaldehyde	mg/kg	-	-	-	0.71 J	NA	< 0.37 U	0.038 J	0.1 J	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 2.2 U	NA	< 0.19 U	< 0.19 U	0.12 J	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 2.2 U	NA	< 0.19 U	< 0.19 U	0.19 J	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 2.2 U	NA	< 0.19 U	< 0.19 U	0.15 J	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 2.2 U	NA	< 0.19 U	< 0.19 U	< 0.24 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	12	NA	< 0.37 U	1.9	7	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	130	NA	< 0.37 U	9	22	NA
Carpolactam	mg/kg	-	-	-	< 4.5 U	NA	< 0.37 U	< 0.38 U	< 0.47 U	NA
Carbazole	mg/kg	-	-	-	< 2.2 U	NA	< 0.19 U	< 0.19 U	< 0.24 U	NA
Chrysene	mg/kg	1	1	1.2	< 2.2 U	NA	< 0.19 U	< 0.19 U	0.16 J	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 2.2 U	NA	< 0.19 U	< 0.19 U	< 0.24 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 4.5 U	NA	< 0.37 U	< 0.38 U	< 0.47 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 4.5 U	NA	< 0.37 U	< 0.38 U	< 0.47 U	NA
Dimethyl phthalate	mg/kg	27	27	100	< 4.5 U	NA	< 0.37 U	< 0.38 U	0.099 J	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	1.6 J	NA	< 0.37 U	0.22 J	0.5	NA
Di-n-octyl phthalate	mg/kg	120	100	100	13	NA	< 0.37 U	1.4	1.7	NA
Fluoranthene	mg/kg	1000	85	100	< 2.2 U	NA	< 0.19 U	0.094 J	0.32	NA
Fluorene	mg/kg	386	30	100	< 2.2 U	NA	< 0.19 U	< 0.19 U	< 0.24 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 2.2 U	NA	< 0.19 U	< 0.19 U	< 0.24 U	NA
Naphthalene	mg/kg	12	12	84	< 2.2 U	NA	< 0.19 U	< 0.19 U	< 0.24 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 4.5 U	NA	< 0.37 U	< 0.38 U	< 0.47 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 2.2 U	NA	< 0.19 U	0.083 J	0.17 J	NA
Phenol	mg/kg	0.33	0.33	100	15	NA	< 0.37 U	0.51	0.14 J	NA
Pyrene	mg/kg	1000	64	100	< 2.2 U	NA	< 0.19 U	0.099 J	0.36	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.26 U	NA	< 0.0044 U	< 0.045 U	< 0.0056 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-72	SB-72	SB-72	SB-72	SB-73	SB-73
Sample Name					SB-72-0-2	SB-72-2-4	SB-72-6-8	SB-72-10-12	SB-73-0-2	SB-73-2-4
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.26 U	NA	< 0.0044 U	< 0.045 U	< 0.0056 U	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.39 U	NA	< 0.0066 U	< 0.067 U	< 0.0084 U	NA
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5.2 U	< 5.8 U	< 0.088 U	< 0.45 U	< 0.11 U	< 0.099 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	25	15	< 0.088 U	1.2	0.069 J	0.034 J
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	42	11	< 0.088 U	0.77	0.047 J	0.032 J
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	9.7	9	< 0.088 U	0.21 J	< 0.11 U	< 0.099 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5.2 U	< 5.8 U	< 0.088 U	< 0.45 U	< 0.11 U	< 0.099 U
PCB (total)	mg/kg	3.2	0.1	1	77	35	ND	2.2	0.12	0.066
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	7400	NA	4900	4900	5900	NA
Antimony	mg/kg	-	12	-	35	NA	< 1.7 U	< 1.8 U	< 2.3 U	NA
Arsenic	mg/kg	16	13	16	18	NA	0.78 J	1.2 J	0.81 J	NA
Barium	mg/kg	820	410	410	1800	NA	33	57	9.3	NA
Beryllium	mg/kg	47	4.4	8.8	0.092 J	NA	0.094 J	0.067 J	< 0.23 U	NA
Cadmium	mg/kg	7.5	2.5	2.5	54	NA	< 0.35 U	0.9	0.14 J	NA
Calcium	mg/kg	-	10000	-	42000	NA	610	1200	1800	NA
Chromium (total)	mg/kg	19	1	1	170	NA	4.4	14	4.2	NA
Cobalt	mg/kg	-	20	30	36	NA	2.8	2.8	0.64 J	NA
Copper	mg/kg	1720	50	280	2600	NA	10	170	6.3 B	NA
Iron	mg/kg	-	2000	2000	260000	NA	8900	9800	9100	NA
Lead	mg/kg	450	63	400	3600	NA	2	90	5.5	NA
Magnesium	mg/kg	-	-	-	7400	NA	1300	1100	500	NA
Manganese	mg/kg	2000	1600	2000	910	NA	84	160	22	NA
Mercury	mg/kg	0.73	0.18	0.3	1.6	NA	0.0083 J	< 0.028 U	1	NA
Nickel	mg/kg	130	30	87	760	NA	5.9	17	1.7	NA
Potassium	mg/kg	-	-	-	310	NA	650	480	170 J	NA
Silver	mg/kg	8.3	2	22	4.9	NA	< 0.35 U	< 0.37 U	< 0.46 U	NA
Sodium	mg/kg	-	-	-	340	NA	< 170 U	< 180 U	< 230 U	NA
Vanadium	mg/kg	-	39	100	18	NA	5.9	5.1	13	NA
Zinc	mg/kg	2480	109	1300	11000	NA	25	200	17	NA
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	0.18	NA	0.16	0.25	0.25	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-74	SB-74	SB-75	SB-75	SB-75	SB-75
Sample Name					SB-74-0-2	SB-74-3.2-4	SB-75-0-2	SB-75-2-4	SB-75-6-8	SB-75-8-10
Sample Depth Interval (ft bgs)					0 - 2 ft	3.2 - 4 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	8 - 10 ft
Sample Date					1/4/2023	1/4/2023	12/20/2022	12/20/2022	12/20/2022	12/20/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.069 U	NA	< 0.048 U	NA	< 0.022 U	NA
Acetone	mg/kg	0.03	0.03	100	< 0.35 U	NA	< 0.24 U	NA	< 0.11 U	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	< 0.14 U	NA	< 0.096 U	NA	< 0.043 U	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
Styrene	mg/kg	-	300	-	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
Toluene	mg/kg	0.7	0.7	100	0.0019 J	NA	< 0.0048 U	NA	< 0.0022 U	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.035 U	NA	< 0.024 U	NA	< 0.011 U	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0069 U	NA	< 0.0048 U	NA	< 0.0022 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 8 U	NA	< 5 UJ	NA	< 1 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 1 U	NA	< 1 U	NA	< 0.063 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 4 U	NA	< 3 UJ	NA	< 0.43 U	NA
Acenaphthene	mg/kg	98	20	100	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Acetophenone	mg/kg	-	-	-	< 4 U	NA	< 3 UJ	NA	< 0.43 U	NA
Anthracene	mg/kg	1000	100	100	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Benz(a)anthracene	mg/kg	1	1	1	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Benzaldehyde	mg/kg	-	-	-	< 4 U	NA	0.35 J	NA	< 0.43 U	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	4.6	NA	NA	NA	< 0.43 U	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	97	NA	37	NA	< 0.43 U	NA
Carpolactam	mg/kg	-	-	-	< 4 U	NA	< 3 UJ	NA	< 0.43 U	NA
Carbazole	mg/kg	-	-	-	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Chrysene	mg/kg	1	1	1.2	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 4 U	NA	< 3 UJ	NA	< 0.43 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 4 U	NA	< 3 U	NA	< 0.43 U	NA
Dimethyl phthalate	mg/kg	27	27	100	< 4 U	NA	< 3 UJ	NA	< 0.43 U	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	0.87 J	NA	< 3 UJ	NA	< 0.43 U	NA
Di-n-octyl phthalate	mg/kg	120	100	100	< 4 U	NA	2.6 J	NA	< 0.43 U	NA
Fluoranthene	mg/kg	1000	85	100	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Fluorene	mg/kg	386	30	100	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Naphthalene	mg/kg	12	12	84	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 4 U	NA	< 3 UJ	NA	< 0.43 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Phenol	mg/kg	0.33	0.33	100	< 4 U	NA	< 3 UJ	NA	< 0.43 U	NA
Pyrene	mg/kg	1000	64	100	< 2 U	NA	< 1 UJ	NA	< 0.21 U	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.094 U	NA	< 0.13 U	NA	< 0.005 U	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-74			SB-74			SB-75			SB-75			SB-75		
Sample Name		SB-74-0-2			SB-74-3.2-4			SB-75-0-2			SB-75-2-4			SB-75-6-8		
Sample Depth Interval (ft bgs)		0 - 2 ft			3.2 - 4 ft			0 - 2 ft			2 - 4 ft			6 - 8 ft		
Sample Date		1/4/2023			1/4/2023			12/20/2022			12/20/2022			12/20/2022		
Analyte	Unit	Criteria														
		(1)	(2)	(3)												
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.094 U	NA		< 0.13 U	NA		< 0.005 U	NA				
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.14 U	NA		< 0.19 U	NA		< 0.0075 U	NA				
Polychlorinated Biphenyls (PCBs)																
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 2 U	< 0.095 U		< 2 U	< 2 U		< 0.1 U	< 0.099 U				
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	12	< 0.095 U		21	30		< 0.1 U	< 0.099 U				
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	11	< 0.095 U		28	29		< 0.1 U	< 0.099 U				
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	2.4	< 0.095 U		7.7	7.7		< 0.1 U	< 0.099 U				
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 2 U	< 0.095 U		< 2 U	< 2 U		< 0.1 U	< 0.099 U				
PCB (total)	mg/kg	3.2	0.1	1	25	ND		57	67		ND	ND				
Metals and Inorganics																
Aluminum	mg/kg	-	10000	-	5100	NA		13000	NA		3300	NA				
Antimony	mg/kg	-	12	-	< 4 U	NA		49	NA		< 2 U	NA				
Arsenic	mg/kg	16	13	16	17	NA		14	NA		1.2 J	NA				
Barium	mg/kg	820	410	410	1900	NA		1500	NA		54	NA				
Beryllium	mg/kg	47	4.4	8.8	< 0.39 U	NA		0.079 J	NA		0.1 J	NA				
Cadmium	mg/kg	7.5	2.5	2.5	49	NA		54	NA		< 0.41 U	NA				
Calcium	mg/kg	-	10000	-	15000	NA		20000	NA		1200	NA				
Chromium (total)	mg/kg	19	1	1	95	NA		170	NA		4.8	NA				
Cobalt	mg/kg	-	20	30	18	NA		36	NA		2.5	NA				
Copper	mg/kg	1720	50	280	1800 B	NA		4800	NA		5.7	NA				
Iron	mg/kg	-	2000	2000	140000	NA		200000	NA		5500	NA				
Lead	mg/kg	450	63	400	1600	NA		2600	NA		2.5	NA				
Magnesium	mg/kg	-	-	-	3900	NA		6900	NA		1600	NA				
Manganese	mg/kg	2000	1600	2000	340	NA		920	NA		120	NA				
Mercury	mg/kg	0.73	0.18	0.3	1.1	NA		3.2	NA		< 0.032 U	NA				
Nickel	mg/kg	130	30	87	390	NA		360	NA		5.3	NA				
Potassium	mg/kg	-	-	-	350 J	NA		300	NA		NA	NA				
Silver	mg/kg	8.3	2	22	2.6	NA		< 1 U	NA		< 0.41 U	NA				
Sodium	mg/kg	-	-	-	240 J	NA		160 J	NA		59 J	NA				
Vanadium	mg/kg	-	39	100	13	NA		15	NA		7.5	NA				
Zinc	mg/kg	2480	109	1300	7500	NA		11000	NA		15	NA				
Miscellaneous Parameters																
Cyanide	mg/kg	40	2.3	2.6	0.85	NA		1 J	NA		< 0.14 UJ	NA				

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-76	SB-76	SB-77	SB-77	SB-77	SB-77
Sample Name					SB-76-0-2	SB-76-3-4	SB-77-0-2	SB-77-2-4	SB-77-6-8	SB-77-10-12
Sample Depth Interval (ft bgs)					0 - 2 ft	3 - 4 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					1/4/2023	1/4/2023	1/4/2023	1/4/2023	1/4/2023	1/4/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0033 U	NA	< 0.0056 U	NA	NA	< 0.0018 U
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0033 U	NA	< 0.0056 U	NA	NA	< 0.0018 U
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0033 U	NA	< 0.0056 U	NA	NA	< 0.0018 U
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.033 U	NA	0.026 J	NA	NA	< 0.018 U
Acetone	mg/kg	0.03	0.03	100	0.25	NA	0.69	NA	NA	< 0.09 U
Benzene	mg/kg	0.06	0.06	1.2	< 0.0033 U	NA	0.002 J	NA	NA	< 0.0018 U
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0033 U	NA	< 0.0056 U	NA	NA	< 0.0018 U
Ethylbenzene	mg/kg	1	1	32	< 0.0033 U	NA	< 0.0056 U	NA	NA	< 0.0018 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0033 U	NA	< 0.0056 U	NA	NA	< 0.0018 U
Methyl Acetate	mg/kg	-	-	-	< 0.0033 U	NA	< 0.0056 U	NA	NA	< 0.0018 U
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	0.019 J	NA	0.059 J	NA	NA	< 0.036 U
Methylcyclohexane	mg/kg	-	-	-	< 0.0033 U	NA	< 0.0056 U	NA	NA	< 0.0018 U
Styrene	mg/kg	-	300	-	< 0.0033 U	NA	< 0.0056 U	NA	NA	< 0.0018 U
Toluene	mg/kg	0.7	0.7	100	0.0027 J	NA	0.0032 J	NA	NA	< 0.0018 U
Trichlorofluoromethane	mg/kg	-	-	-	< 0.017 U	NA	< 0.028 U	NA	NA	< 0.009 U
Xylenes	mg/kg	1.2	0.26	100	< 0.0033 U	NA	< 0.0056 U	NA	NA	< 0.0018 U
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 1 U	NA	< 1 U	NA	NA	< 1 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.39 U	NA	< 0.32 U	NA	NA	< 0.058 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.26 U	NA	< 0.22 U	NA	NA	< 0.2 U
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 1 U	NA	< 0.44 U	NA	NA	< 0.39 U
Acenaphthene	mg/kg	98	20	100	< 0.26 U	NA	< 0.22 U	NA	NA	< 0.2 U
Acetophenone	mg/kg	-	-	-	< 1 U	NA	0.16 J	NA	NA	< 0.39 U
Anthracene	mg/kg	1000	100	100	< 0.26 U	NA	0.099 J	NA	NA	< 0.2 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.26 U	NA	0.29	NA	NA	< 0.2 U
Benzaldehyde	mg/kg	-	-	-	< 1 U	NA	0.093 J	NA	NA	< 0.39 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.26 U	NA	0.27	NA	NA	< 0.2 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.26 U	NA	0.37	NA	NA	< 0.2 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.26 U	NA	0.26	NA	NA	< 0.2 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.26 U	NA	0.14 J	NA	NA	< 0.2 U
Benzyl butyl phthalate	mg/kg	122	100	100	1.8	NA	6.7	NA	NA	< 0.39 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	7.7	NA	18	NA	NA	< 0.39 U
Carpolactam	mg/kg	-	-	-	< 1 U	NA	< 0.44 U	NA	NA	< 0.39 U
Carbazole	mg/kg	-	-	-	< 0.26 U	NA	< 0.22 U	NA	NA	< 0.2 U
Chrysene	mg/kg	1	1	1.2	< 0.26 U	NA	0.31	NA	NA	< 0.2 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.26 U	NA	< 0.22 U	NA	NA	< 0.2 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 1 U	NA	< 0.44 U	NA	NA	< 0.39 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 1 U	NA	< 0.44 U	NA	NA	< 0.39 U
Dimethyl phthalate	mg/kg	27	27	100	< 1 U	NA	< 0.44 U	NA	NA	< 0.39 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	0.16 J	NA	1.4	NA	NA	< 0.39 U
Di-n-octyl phthalate	mg/kg	120	100	100	0.39 J	NA	3.9	NA	NA	< 0.39 U
Fluoranthene	mg/kg	1000	85	100	< 0.26 U	NA	0.61	NA	NA	< 0.2 U
Fluorene	mg/kg	386	30	100	< 0.26 U	NA	< 0.22 U	NA	NA	< 0.2 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.26 U	NA	0.23	NA	NA	< 0.2 U
Naphthalene	mg/kg	12	12	84	< 0.26 U	NA	< 0.22 U	NA	NA	< 0.2 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 1 U	NA	< 0.44 U	NA	NA	< 0.39 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.26 U	NA	0.44	NA	NA	< 0.2 U
Phenol	mg/kg	0.33	0.33	100	< 1 U	NA	< 0.44 U	NA	NA	< 0.39 U
Pyrene	mg/kg	1000	64	100	0.11 J	NA	0.75	NA	NA	< 0.2 U
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.031 U	NA	< 0.1 U	NA	NA	< 0.0046 U

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-76	SB-76	SB-77	SB-77	SB-77	SB-77
Sample Name					SB-76-0-2	SB-76-3-4	SB-77-0-2	SB-77-2-4	SB-77-6-8	SB-77-10-12
Sample Depth Interval (ft bgs)					0 - 2 ft	3 - 4 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					1/4/2023	1/4/2023	1/4/2023	1/4/2023	1/4/2023	1/4/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.031 U	NA	< 0.1 U	NA	NA	< 0.0046 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.047 U	NA	< 0.15 U	NA	NA	< 0.0069 U
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.12 U	< 0.098 U	< 1 U	< 2 U	< 1 U	< 0.092 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	1	< 0.098 U	6.1	20	4.9 J	< 0.092 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	0.99	< 0.098 U	5.9	21	5.8	< 0.092 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	0.27	< 0.098 U	1.6	6.3	1 J	< 0.092 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.12 U	< 0.098 U	< 1 U	< 2 U	< 1 U	< 0.092 U
PCB (total)	mg/kg	3.2	0.1	1	2.3	ND	14	47	12	ND
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	7500	NA	7000	NA	NA	2800
Antimony	mg/kg	-	12	-	< 3 U	NA	< 2 U	NA	NA	< 2 U
Arsenic	mg/kg	16	13	16	7.6	NA	5.4	NA	NA	0.91 J
Barium	mg/kg	820	410	410	510	NA	510	NA	NA	14
Beryllium	mg/kg	47	4.4	8.8	0.13 J	NA	0.13 J	NA	NA	< 0.19 U
Cadmium	mg/kg	7.5	2.5	2.5	14	NA	19	NA	NA	< 0.38 U
Calcium	mg/kg	-	10000	-	8400	NA	6400	NA	NA	460
Chromium (total)	mg/kg	19	1	1	58	NA	43	NA	NA	3.3
Cobalt	mg/kg	-	20	30	12	NA	28	NA	NA	1.5 J
Copper	mg/kg	1720	50	280	850 B	NA	1200 B	NA	NA	4.8 J+
Iron	mg/kg	-	2000	2000	58000	NA	53000	NA	NA	4800
Lead	mg/kg	450	63	400	610	NA	650	NA	NA	1.6
Magnesium	mg/kg	-	-	-	2600	NA	3100	NA	NA	860
Manganese	mg/kg	2000	1600	2000	360	NA	360	NA	NA	36
Mercury	mg/kg	0.73	0.18	0.3	0.18	NA	1.4	NA	NA	< 0.03 U
Nickel	mg/kg	130	30	87	130	NA	290	NA	NA	6.3
Potassium	mg/kg	-	-	-	340	NA	330	NA	NA	260
Silver	mg/kg	8.3	2	22	0.8	NA	4	NA	NA	< 0.38 U
Sodium	mg/kg	-	-	-	100 J	NA	68 J	NA	NA	< 190 U
Vanadium	mg/kg	-	39	100	21	NA	9.4	NA	NA	4.1
Zinc	mg/kg	2480	109	1300	2600	NA	3500	NA	NA	11
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	< 0.15 U	NA	< 0.12 U	NA	NA	< 0.11 U

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-78	SB-78	SB-78	SB-78	SB-78	SB-78
Sample Name					SB-78-0-2	SB-78-2-4	SB-78-6-8	SB-78-10-12	SB-78-12-14	SB-78-18.5-19
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	12 - 14 ft	18.5 - 19 ft
Sample Date					1/10/2023	1/10/2023	1/10/2023	1/10/2023	1/10/2023	1/10/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0039 U	NA	NA	0.038 J	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0039 U	NA	NA	0.019 J	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0039 U	NA	NA	0.09 J	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.039 UJ	NA	NA	< 1.1 U	NA	NA
Acetone	mg/kg	0.03	0.03	100	0.36	NA	NA	< 5.3 U	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0039 U	NA	NA	< 0.11 U	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0039 U	NA	NA	< 0.11 U	NA	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0039 U	NA	NA	< 0.11 U	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0039 U	NA	NA	0.063 J	NA	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0039 UJ	NA	NA	0.17 J	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	0.045 J	NA	NA	< 2.1 U	NA	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0039 U	NA	NA	< 0.11 U	NA	NA
Styrene	mg/kg	-	300	-	< 0.0039 U	NA	NA	0.012 J	NA	NA
Toluene	mg/kg	0.7	0.7	100	< 0.0039 U	NA	NA	0.033 J	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.019 U	NA	NA	< 0.21 U	NA	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0039 U	NA	NA	< 0.11 U	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 4 U	NA	NA	< 9.1 U	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.37 U	NA	NA	< 0.34 UJ	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 1 U	NA	NA	< 2.3 U	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	0.54 J	NA	NA	< 4.6 U	NA	NA
Acenaphthene	mg/kg	98	20	100	< 1 U	NA	NA	< 2.3 U	NA	NA
Acetophenone	mg/kg	-	-	-	< 2 U	NA	NA	< 4.6 U	NA	NA
Anthracene	mg/kg	1000	100	100	< 1 U	NA	NA	< 2.3 U	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	< 1 U	NA	NA	< 2.3 U	NA	NA
Benzaldehyde	mg/kg	-	-	-	< 2 U	NA	NA	< 4.6 U	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 1 U	NA	NA	< 2.3 U	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 1 U	NA	NA	< 2.3 U	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 1 U	NA	NA	< 2.3 U	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 1 U	NA	NA	< 2.3 U	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	13	NA	NA	11	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	140	NA	NA	880	NA	NA
Carpolactam	mg/kg	-	-	-	< 2 U	NA	NA	< 4.6 UJ	NA	NA
Carbazole	mg/kg	-	-	-	< 1 U	NA	NA	< 2.3 U	NA	NA
Chrysene	mg/kg	1	1	1.2	< 1 U	NA	NA	< 2.3 U	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 1 U	NA	NA	< 2.3 U	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 2 U	NA	NA	< 4.6 U	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 2 U	NA	NA	< 4.6 U	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	< 2 U	NA	NA	< 4.6 U	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	8.5	NA	NA	1.8 J	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	14	NA	NA	200	NA	NA
Fluoranthene	mg/kg	1000	85	100	0.51 J	NA	NA	1.6 J	NA	NA
Fluorene	mg/kg	386	30	100	< 1 U	NA	NA	< 2.3 U	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 1 U	NA	NA	< 2.3 U	NA	NA
Naphthalene	mg/kg	12	12	84	< 1 U	NA	NA	< 2.3 U	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 2 U	NA	NA	< 4.6 U	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 1 U	NA	NA	1.8 J	NA	NA
Phenol	mg/kg	0.33	0.33	100	< 2 U	NA	NA	< 4.6 U	NA	NA
Pyrene	mg/kg	1000	64	100	0.77 J	NA	NA	1.8 J	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 3 U	NA	NA	< 2.7 U	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-78			SB-78			SB-78			SB-78			SB-78		
Sample Name		SB-78-0-2			SB-78-2-4			SB-78-6-8			SB-78-10-12			SB-78-12-14		
Sample Depth Interval (ft bgs)		0 - 2 ft			2 - 4 ft			6 - 8 ft			10 - 12 ft			12 - 14 ft		
Sample Date		1/10/2023			1/10/2023			1/10/2023			1/10/2023			1/10/2023		
Analyte	Unit	Criteria														
		(1)	(2)	(3)												
Dieldrin	mg/kg	0.1	0.005	0.017	< 3 U	NA	NA	< 2.7 U	NA	NA						
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 4.4 U	NA	NA	< 4.1 U	NA	NA						
Polychlorinated Biphenyls (PCBs)																
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5.9 U	< 5.9 U	< 5.4 U	22	25	29						
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	26	32	26	< 5.5 U	< 5.4 U	< 6.2 U						
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	40	45	32	17	14	16						
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	12 J	11	9.2	5.6	3 J	3.2 J						
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5.9 U	< 5.9 U	< 5.4 U	< 5.5 U	< 5.4 U	< 6.2 U						
PCB (total)	mg/kg	3.2	0.1	1	78	88	67	45	42	48						
Metals and Inorganics																
Aluminum	mg/kg	-	10000	-	11000	NA	NA	14000	NA	NA						
Antimony	mg/kg	-	12	-	38	NA	NA	38	NA	NA						
Arsenic	mg/kg	16	13	16	6.3	NA	NA	25	NA	NA						
Barium	mg/kg	820	410	410	1900	NA	NA	2300	NA	NA						
Beryllium	mg/kg	47	4.4	8.8	0.42	NA	NA	0.32	NA	NA						
Cadmium	mg/kg	7.5	2.5	2.5	66	NA	NA	52	NA	NA						
Calcium	mg/kg	-	10000	-	20000	NA	NA	52000	NA	NA						
Chromium (total)	mg/kg	19	1	1	190	NA	NA	190	NA	NA						
Cobalt	mg/kg	-	20	30	40	NA	NA	27	NA	NA						
Copper	mg/kg	1720	50	280	2700	NA	NA	10000	NA	NA						
Iron	mg/kg	-	2000	2000	250000	NA	NA	210000	NA	NA						
Lead	mg/kg	450	63	400	2300	NA	NA	2500	NA	NA						
Magnesium	mg/kg	-	-	-	6100	NA	NA	14000	NA	NA						
Manganese	mg/kg	2000	1600	2000	1100	NA	NA	1000	NA	NA						
Mercury	mg/kg	0.73	0.18	0.3	3.2	NA	NA	0.99	NA	NA						
Nickel	mg/kg	130	30	87	490	NA	NA	370	NA	NA						
Potassium	mg/kg	-	-	-	380	NA	NA	410	NA	NA						
Silver	mg/kg	8.3	2	22	1.8	NA	NA	3.6	NA	NA						
Sodium	mg/kg	-	-	-	170 J	NA	NA	460	NA	NA						
Vanadium	mg/kg	-	39	100	12	NA	NA	12	NA	NA						
Zinc	mg/kg	2480	109	1300	8700	NA	NA	8900	NA	NA						
Miscellaneous Parameters																
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA						

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-78	SB-79	SB-79	SB-79	SB-79	SB-79
Sample Name					SB-78-20-22	SB-79-0-2	SB-79-0-2	SB-79-2-4	SB-229-2-4	SB-79-6-8
Sample Depth Interval (ft bgs)					20 - 22 ft	0 - 2 ft	0 - 2 ft	2 - 4 ft	2 - 4 ft	6 - 8 ft
Sample Date					1/10/2023	1/5/2023	1/13/2023	1/5/2023	1/5/2023	1/5/2023
Analyte	Unit	Criteria							Field Duplicate	
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.026 UJ	NA	0.28 J	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	< 0.13 U	NA	< 8.1 U	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0026 UJ	NA	0.49 J	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	< 0.052 UJ	NA	< 3.3 U	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
Styrene	mg/kg	-	300	-	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	< 0.013 U	NA	< 0.33 U	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	< 0.0026 U	NA	< 0.16 U	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.83 U	NA	< 6.6 UJ	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.062 U	NA	< 0.099 U	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 0.42 U	NA	< 3.4 UJ	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Acetophenone	mg/kg	-	-	-	< 0.42 U	NA	< 3.4 UJ	NA	NA	NA
Anthracene	mg/kg	1000	100	100	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	< 0.42 U	NA	< 3.4 UJ	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.42 U	NA	6.2 J	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.42 U	NA	320 J	NA	NA	NA
Carpolactam	mg/kg	-	-	-	< 0.42 UJ	NA	< 3.4 UJ	NA	NA	NA
Carbazole	mg/kg	-	-	-	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.42 U	NA	< 3.4 UJ	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.42 U	NA	< 3.4 UJ	NA	NA	NA
Dimethyl phthalate	mg/kg	27	27	100	< 0.42 U	NA	< 3.4 UJ	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.42 U	NA	0.97 J	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.42 U	NA	3.7 J	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Fluorene	mg/kg	386	30	100	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Naphthalene	mg/kg	12	12	84	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.42 U	NA	< 3.4 UJ	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	< 0.42 U	NA	< 3.4 UJ	NA	NA	NA
Pyrene	mg/kg	1000	64	100	< 0.21 U	NA	< 1.7 UJ	NA	NA	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0049 U	NA	< 0.4 U	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-78			SB-79		SB-79		SB-79		SB-79	
Sample Name		SB-78-20-22			SB-79-0-2		SB-79-0-2		SB-79-2-4		SB-229-2-4	
Sample Depth Interval (ft bgs)		20 - 22 ft			0 - 2 ft		0 - 2 ft		2 - 4 ft		2 - 4 ft	
Sample Date		1/10/2023			1/5/2023		1/13/2023		1/5/2023		1/5/2023	
Analyte	Unit	Criteria									Field Duplicate	
		(1)	(2)	(3)								
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0049 U	NA	< 0.4 U	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.0074 U	NA	< 0.59 U	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)												
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.099 U	< 5 U	NA	< 5 UJ	250 J	< 12 U		
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 0.099 U	60	NA	81 J	< 26 UJ	150		
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.099 U	57	NA	65	91	150		
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 0.099 U	15	NA	14	20 J	25		
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.099 U	< 5 U	NA	< 5 U	< 26 U	< 12 U		
PCB (total)	mg/kg	3.2	0.1	1	ND	130	NA	160	360	330		
Metals and Inorganics												
Aluminum	mg/kg	-	10000	-	5100	NA	13000	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	< 2 UJ	NA	41 J-	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	< 4 U	NA	20	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	46 J-	NA	2200	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	0.32	NA	0.29 J	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	< 0.4 U	NA	110	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	11000	NA	23000	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	6.8	NA	180	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	3.5	NA	78	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	8.8	NA	7100 J	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	12000	NA	240000	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	2.8 J-	NA	2900	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	5000	NA	9200	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	440	NA	1200	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	0.013 J	NA	2.4 J	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	8.4	NA	380	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	820	NA	520	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	< 0.4 U	NA	8.6	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	310	NA	340	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	9.5	NA	20	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	17 J-	NA	13000	NA	NA	NA	NA	NA
Miscellaneous Parameters												
Cyanide	mg/kg	40	2.3	2.6	NA	NA	< 0.15 U	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-79	SB-79	SB-79	SB-79	SB-80	SB-80
Sample Name					SB-79-10-12	SB-79-12-14	SB-79-16-18	SB-79-18.5-20	SB-80-0-2	SB-80-2-4
Sample Depth Interval (ft bgs)					10 - 12 ft	12 - 14 ft	16 - 18 ft	18.5 - 20 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/5/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	NA	NA	NA	< 0.0052 U	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	NA	NA	NA	< 0.0052 U	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	NA	NA	NA	< 0.0052 U	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	NA	NA	NA	< 0.052 U	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	< 0.26 U	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	< 0.0052 U	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	NA	NA	NA	< 0.0052 U	NA
Ethylbenzene	mg/kg	1	1	32	NA	NA	NA	NA	< 0.0052 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	< 0.0052 U	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0052 U	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	NA	NA	NA	0.022 J	NA
Methylcyclohexane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0052 U	NA
Styrene	mg/kg	-	300	-	NA	NA	NA	NA	< 0.0052 U	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	< 0.0052 U	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	NA	NA	NA	< 0.026 U	NA
Xylenes	mg/kg	1.2	0.26	100	NA	NA	NA	NA	< 0.0052 U	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	< 10 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	< 1 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	< 2 U	NA
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 5 U	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	< 2 U	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	< 5 U	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	< 2 U	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	< 2 U	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	< 5 U	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	< 2 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	< 2 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	< 2 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	< 2 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	6.3	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	120	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	< 5 UJ	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	< 2 U	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	< 2 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	< 2 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	< 5 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	< 5 U	NA
Dimethyl phthalate	mg/kg	27	27	100	NA	NA	NA	NA	< 5 U	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	0.97 J	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	19	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	< 2 U	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	< 2 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	< 2 U	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	< 2 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	< 5 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	< 2 U	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 5 U	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	< 2 U	NA
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	< 0.29 UJ	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-79			SB-79			SB-79			SB-79			SB-80			SB-80		
Sample Name		SB-79-10-12			SB-79-12-14			SB-79-16-18			SB-79-18.5-20			SB-80-0-2			SB-80-2-4		
Sample Depth Interval (ft bgs)		10 - 12 ft			12 - 14 ft			16 - 18 ft			18.5 - 20 ft			0 - 2 ft			2 - 4 ft		
Sample Date		1/5/2023			1/5/2023			1/5/2023			1/5/2023			1/5/2023			1/5/2023		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.29 U	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.43 UJ	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 26 U	< 30 U	< 0.092 U	< 0.099 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	100	110	0.41	< 0.099 U	27	35	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	85	79	0.38	< 0.099 U	36	48	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	18 J	17 J	0.1	< 0.099 U	8.4 J	7.8 J	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 26 U	< 30 U	< 0.092 U	< 0.099 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U	< 11 U
PCB (total)	mg/kg	3.2	0.1	1	200	210	0.89	ND	71	91	< 0.092 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U	< 0.099 U
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	11000	NA	NA	NA	NA	NA
Antimony	mg/kg	-	12	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	56	NA	NA	NA	NA	NA
Arsenic	mg/kg	16	13	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.4	NA	NA	NA	NA	NA
Barium	mg/kg	820	410	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	1600	NA	NA	NA	NA	NA
Beryllium	mg/kg	47	4.4	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.53 B	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	58	NA	NA	NA	NA	NA
Calcium	mg/kg	-	10000	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	33000	NA	NA	NA	NA	NA
Chromium (total)	mg/kg	19	1	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	150	NA	NA	NA	NA	NA
Cobalt	mg/kg	-	20	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	37	NA	NA	NA	NA	NA
Copper	mg/kg	1720	50	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	4200	NA	NA	NA	NA	NA
Iron	mg/kg	-	2000	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	160000	NA	NA	NA	NA	NA
Lead	mg/kg	450	63	400	NA	NA	NA	NA	NA	NA	NA	NA	NA	2400	NA	NA	NA	NA	NA
Magnesium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	NA	NA	NA	NA	NA
Manganese	mg/kg	2000	1600	2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	910	NA	NA	NA	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.1	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	NA	NA	NA	NA	NA	NA	NA	NA	NA	300	NA	NA	NA	NA	NA
Potassium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	400	NA	NA	NA	NA	NA
Silver	mg/kg	8.3	2	22	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.8	NA	NA	NA	NA	NA
Sodium	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	190 J	NA	NA	NA	NA	NA
Vanadium	mg/kg	-	39	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA
Zinc	mg/kg	2480	109	1300	NA	NA	NA	NA	NA	NA	NA	NA	NA	7300	NA	NA	NA	NA	NA
Miscellaneous Parameters																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.14 U	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-80	SB-80	SB-80	SB-80	SB-81	SB-81
Sample Name					SB-80-6-8	SB-80-10-12	SB-80-12-14	SB-80-16.5-18	SB-81-0-0.5	SB-81-1.0-1.5
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	12 - 14 ft	16.5 - 18 ft	0 - 0.5 ft	1 - 1.5 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/3/2023	1/3/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0096 U	NA	< 0.0069 U	NA	NA	< 0.0025 U
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	0.0043 J	NA	0.0021 J	NA	NA	< 0.0025 U
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	0.023	NA	0.0076	NA	NA	< 0.0025 U
4-Methyl-2-Pentanone	mg/kg	1	1	-	< 0.096 U	NA	< 0.069 U	NA	NA	< 0.025 U
Acetone	mg/kg	0.03	0.03	100	< 0.48 U	NA	< 0.34 U	NA	NA	< 0.12 U
Benzene	mg/kg	0.06	0.06	1.2	< 0.0096 U	NA	0.0032 J	NA	NA	< 0.0025 U
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0096 U	NA	< 0.0069 U	NA	NA	< 0.0025 U
Ethylbenzene	mg/kg	1	1	32	< 0.0096 U	NA	0.0048 J	NA	NA	< 0.0025 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	0.0073 J	NA	< 0.0069 U	NA	NA	< 0.0025 U
Methyl Acetate	mg/kg	-	-	-	< 0.0096 U	NA	< 0.0069 U	NA	NA	< 0.0025 U
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	< 0.19 U	NA	< 0.14 U	NA	NA	< 0.049 U
Methylcyclohexane	mg/kg	-	-	-	< 0.0096 U	NA	< 0.0069 U	NA	NA	< 0.0025 U
Styrene	mg/kg	-	300	-	< 0.0096 U	NA	0.0014 J	NA	NA	< 0.0025 U
Toluene	mg/kg	0.7	0.7	100	0.0028 J	NA	0.0033 J	NA	NA	< 0.0025 U
Trichlorofluoromethane	mg/kg	-	-	-	< 0.048 U	NA	0.002 J	NA	NA	< 0.012 U
Xylenes	mg/kg	1.2	0.26	100	< 0.0096 U	NA	< 0.0069 U	NA	NA	< 0.0025 U
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 11 U	NA	< 11 U	NA	NA	< 1 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 1 U	NA	< 1 U	NA	NA	< 0.07 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 3 U	NA	1.4 J	NA	NA	< 0.24 U
3&4 Methylphenol	mg/kg	0.33	0.33	100	1.6 J	NA	1.7 J	NA	NA	< 0.48 U
Acenaphthene	mg/kg	98	20	100	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Acetophenone	mg/kg	-	-	-	1.5 J	NA	< 6 U	NA	NA	< 0.48 U
Anthracene	mg/kg	1000	100	100	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Benz(a)anthracene	mg/kg	1	1	1	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Benzaldehyde	mg/kg	-	-	-	< 5 U	NA	< 6 U	NA	NA	< 0.48 U
Benzo(a)pyrene	mg/kg	22	1	1	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Benzyl butyl phthalate	mg/kg	122	100	100	14	NA	14	NA	NA	< 0.48 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	1500	NA	4400	NA	NA	< 0.48 U
Carpolactam	mg/kg	-	-	-	< 5 UJ	NA	< 6 U	NA	NA	< 0.48 U
Carbazole	mg/kg	-	-	-	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Chrysene	mg/kg	1	1	1.2	< 3 U	NA	1.1 J	NA	NA	< 0.24 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 5 U	NA	< 6 U	NA	NA	< 0.48 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 5 U	NA	< 6 U	NA	NA	< 0.48 U
Dimethyl phthalate	mg/kg	27	27	100	< 5 U	NA	< 6 U	NA	NA	< 0.48 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	3.2 J	NA	2.4 J	NA	NA	< 0.48 U
Di-n-octyl phthalate	mg/kg	120	100	100	140	NA	320	NA	NA	< 0.48 U
Fluoranthene	mg/kg	1000	85	100	1.2 J	NA	2.2 J	NA	NA	< 0.24 U
Fluorene	mg/kg	386	30	100	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
Naphthalene	mg/kg	12	12	84	< 3 U	NA	< 3 U	NA	NA	< 0.24 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 5 U	NA	1.6 J	NA	NA	< 0.48 U
Phenanthrene	mg/kg	1000	1.1	1.2	2.1 J	NA	2.7 J	NA	NA	< 0.24 U
Phenol	mg/kg	0.33	0.33	100	3.4 J	NA	2 J	NA	NA	< 0.48 U
Pyrene	mg/kg	1000	64	100	2.2 J	NA	3.4	NA	NA	< 0.24 U
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.32 UJ	NA	< 0.33 UJ	NA	NA	< 0.0056 U

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-80	SB-80	SB-80	SB-80	SB-81	SB-81
Sample Name					SB-80-6-8	SB-80-10-12	SB-80-12-14	SB-80-16.5-18	SB-81-0-0.5	SB-81-1.0-1.5
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	12 - 14 ft	16.5 - 18 ft	0 - 0.5 ft	1 - 1.5 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/3/2023	1/3/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.32 U	NA	< 0.33 U	NA	NA	< 0.0056 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.47 U	NA	< 0.49 UJ	NA	NA	< 0.0084 U
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 6 U	< 6 U	< 13 U	< 0.099 U	4	< 0.11 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	33	46	53	< 0.099 U	< 1 U	< 0.11 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	27	27	50	< 0.099 U	7.5	< 0.11 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	8.6	8.2	17	< 0.099 U	2.5	< 0.11 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 6 U	< 6 U	< 13 U	< 0.099 U	< 1 U	< 0.11 U
PCB (total)	mg/kg	3.2	0.1	1	69	81	120	ND	14	ND
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	8000	NA	20000	NA	NA	8000
Antimony	mg/kg	-	12	-	86	NA	84	NA	NA	< 2 U
Arsenic	mg/kg	16	13	16	24	NA	15	NA	NA	1.4 J
Barium	mg/kg	820	410	410	2000	NA	2500	NA	NA	54
Beryllium	mg/kg	47	4.4	8.8	0.3 B	NA	1.9 B	NA	NA	< 0.22 U
Cadmium	mg/kg	7.5	2.5	2.5	360	NA	120	NA	NA	< 0.45 U
Calcium	mg/kg	-	10000	-	54000	NA	43000	NA	NA	2600
Chromium (total)	mg/kg	19	1	1	230	NA	200	NA	NA	7.4
Cobalt	mg/kg	-	20	30	44	NA	71	NA	NA	1.7 J
Copper	mg/kg	1720	50	280	3900	NA	8700	NA	NA	7.8
Iron	mg/kg	-	2000	2000	290000	NA	250000	NA	NA	13000
Lead	mg/kg	450	63	400	4900	NA	3600	NA	NA	5 B
Magnesium	mg/kg	-	-	-	9900	NA	9600	NA	NA	1200
Manganese	mg/kg	2000	1600	2000	1700	NA	1400	NA	NA	87
Mercury	mg/kg	0.73	0.18	0.3	1.9	NA	6.4	NA	NA	0.076 B
Nickel	mg/kg	130	30	87	900	NA	460	NA	NA	15
Potassium	mg/kg	-	-	-	420	NA	550	NA	NA	230
Silver	mg/kg	8.3	2	22	7.7	NA	200	NA	NA	< 0.45 U
Sodium	mg/kg	-	-	-	680	NA	1000	NA	NA	38 J
Vanadium	mg/kg	-	39	100	33	NA	32	NA	NA	18
Zinc	mg/kg	2480	109	1300	11000	NA	12000	NA	NA	81
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	< 0.14 U	NA	0.56	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-82	SB-82	SB-83	SB-83	SB-83	SB-84
Sample Name					SB-82-0-2	SB-82-3.5-4.0	SB-83-0-2	SB-83-2-4	SB-83-7-7.5	SB-84-0-2
Sample Depth Interval (ft bgs)					0 - 2 ft	3.5 - 4 ft	0 - 2 ft	2 - 4 ft	7 - 7.5 ft	0 - 2 ft
Sample Date					1/10/2023	1/10/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	< 0.0018 U	NA	NA	NA	NA	< 0.0033 U
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	< 0.0018 U	NA	NA	NA	NA	< 0.0033 U
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	< 0.0018 U	NA	NA	NA	NA	< 0.0033 U
4-Methyl-2-Pentanone	mg/kg	1	1	-	0.0095 J	NA	NA	NA	NA	< 0.033 U
Acetone	mg/kg	0.03	0.03	100	0.13	NA	NA	NA	NA	0.15 J
Benzene	mg/kg	0.06	0.06	1.2	< 0.0018 U	NA	NA	NA	NA	0.00091 J
Chlorobenzene	mg/kg	4.5	4.5	73	< 0.0018 U	NA	NA	NA	NA	< 0.0033 U
Ethylbenzene	mg/kg	1	1	32	< 0.0018 U	NA	NA	NA	NA	< 0.0033 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0018 U	NA	NA	NA	NA	< 0.0033 U
Methyl Acetate	mg/kg	-	-	-	0.011	NA	NA	NA	NA	0.0051
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	0.0084 J	NA	NA	NA	NA	0.039 J
Methylcyclohexane	mg/kg	-	-	-	< 0.0018 U	NA	NA	NA	NA	< 0.0033 U
Styrene	mg/kg	-	300	-	< 0.0018 U	NA	NA	NA	NA	< 0.0033 U
Toluene	mg/kg	0.7	0.7	100	0.00055 J	NA	NA	NA	NA	0.0017 J
Trichlorofluoromethane	mg/kg	-	-	-	< 0.0089 U	NA	NA	NA	NA	< 0.016 U
Xylenes	mg/kg	1.2	0.26	100	< 0.0018 U	NA	NA	NA	NA	< 0.0033 U
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.81 U	NA	NA	NA	NA	< 9.3 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.06 U	NA	NA	NA	NA	< 0.35 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.2 U	NA	NA	NA	NA	< 2.4 U
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 0.41 U	NA	NA	NA	NA	< 4.7 U
Acenaphthene	mg/kg	98	20	100	0.24	NA	NA	NA	NA	< 2.4 U
Acetophenone	mg/kg	-	-	-	< 0.41 U	NA	NA	NA	NA	< 4.7 U
Anthracene	mg/kg	1000	100	100	0.5	NA	NA	NA	NA	< 2.4 U
Benz(a)anthracene	mg/kg	1	1	1	1.3	NA	NA	NA	NA	< 2.4 U
Benzaldehyde	mg/kg	-	-	-	< 0.41 U	NA	NA	NA	NA	< 4.7 U
Benzo(a)pyrene	mg/kg	22	1	1	1.1	NA	NA	NA	NA	< 2.4 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	1.5	NA	NA	NA	NA	< 2.4 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	0.71	NA	NA	NA	NA	< 2.4 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	0.63	NA	NA	NA	NA	< 2.4 U
Benzyl butyl phthalate	mg/kg	122	100	100	1.3	NA	NA	NA	NA	8.7
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	4.8	NA	NA	NA	NA	130
Carpolactam	mg/kg	-	-	-	< 0.41 UJ	NA	NA	NA	NA	< 4.7 UJ
Carbazole	mg/kg	-	-	-	0.22	NA	NA	NA	NA	< 2.4 U
Chrysene	mg/kg	1	1	1.2	1.2	NA	NA	NA	NA	< 2.4 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	0.16 J	NA	NA	NA	NA	< 2.4 U
Dibenzofuran	mg/kg	110	2.1	4.2	0.14 J	NA	NA	NA	NA	< 4.7 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.41 U	NA	NA	NA	NA	< 4.7 U
Dimethyl phthalate	mg/kg	27	27	100	< 0.41 U	NA	NA	NA	NA	< 4.7 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	0.37 J	NA	NA	NA	NA	12
Di-n-octyl phthalate	mg/kg	120	100	100	0.64	NA	NA	NA	NA	21
Fluoranthene	mg/kg	1000	85	100	3.1	NA	NA	NA	NA	< 2.4 U
Fluorene	mg/kg	386	30	100	0.28	NA	NA	NA	NA	< 2.4 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	0.7	NA	NA	NA	NA	< 2.4 U
Naphthalene	mg/kg	12	12	84	0.12 J	NA	NA	NA	NA	< 2.4 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.41 U	NA	NA	NA	NA	< 4.7 U
Phenanthrene	mg/kg	1000	1.1	1.2	1.9	NA	NA	NA	NA	< 2.4 U
Phenol	mg/kg	0.33	0.33	100	< 0.41 U	NA	NA	NA	NA	< 4.7 U
Pyrene	mg/kg	1000	64	100	2.2	NA	NA	NA	NA	< 2.4 U
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.24 U	NA	NA	NA	NA	< 0.28 U

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-82	SB-82	SB-83	SB-83	SB-83	SB-84
Sample Name					SB-82-0-2	SB-82-3.5-4.0	SB-83-0-2	SB-83-2-4	SB-83-7-7.5	SB-84-0-2
Sample Depth Interval (ft bgs)					0 - 2 ft	3.5 - 4 ft	0 - 2 ft	2 - 4 ft	7 - 7.5 ft	0 - 2 ft
Sample Date					1/10/2023	1/10/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.24 U	NA	NA	NA	NA	< 0.28 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.36 U	NA	NA	NA	NA	< 0.42 UJ
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.096 U	< 0.086 U	< 0.25 U	< 0.11 U	< 0.089 U	< 5.6 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	0.98	< 0.086 U	2.9	< 0.11 U	< 0.089 U	64
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	1.3	< 0.086 U	3.7	< 0.11 U	< 0.089 U	49
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	0.45	< 0.086 U	0.87	< 0.11 U	< 0.089 U	14 J
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.096 U	< 0.086 U	< 0.25 U	< 0.11 U	< 0.089 U	< 5.6 U
PCB (total)	mg/kg	3.2	0.1	1	2.7	ND	7.5	ND	ND	130
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	3700	NA	NA	NA	NA	8300
Antimony	mg/kg	-	12	-	< 1.9 U	NA	NA	NA	NA	28
Arsenic	mg/kg	16	13	16	< 3.9 U	NA	NA	NA	NA	14
Barium	mg/kg	820	410	410	60	NA	NA	NA	NA	1900
Beryllium	mg/kg	47	4.4	8.8	0.19 J	NA	NA	NA	NA	0.4
Cadmium	mg/kg	7.5	2.5	2.5	1.5	NA	NA	NA	NA	62
Calcium	mg/kg	-	10000	-	4900	NA	NA	NA	NA	37000
Chromium (total)	mg/kg	19	1	1	9.7	NA	NA	NA	NA	160
Cobalt	mg/kg	-	20	30	3.2	NA	NA	NA	NA	130
Copper	mg/kg	1720	50	280	52 B	NA	NA	NA	NA	14000
Iron	mg/kg	-	2000	2000	13000	NA	NA	NA	NA	240000
Lead	mg/kg	450	63	400	73	NA	NA	NA	NA	2200
Magnesium	mg/kg	-	-	-	1800	NA	NA	NA	NA	7500
Manganese	mg/kg	2000	1600	2000	230	NA	NA	NA	NA	1000
Mercury	mg/kg	0.73	0.18	0.3	0.13	NA	NA	NA	NA	1.9
Nickel	mg/kg	130	30	87	13	NA	NA	NA	NA	770
Potassium	mg/kg	-	-	-	410	NA	NA	NA	NA	260
Silver	mg/kg	8.3	2	22	< 0.39 U	NA	NA	NA	NA	0.59
Sodium	mg/kg	-	-	-	< 190 U	NA	NA	NA	NA	240
Vanadium	mg/kg	-	39	100	6.3	NA	NA	NA	NA	13
Zinc	mg/kg	2480	109	1300	390	NA	NA	NA	NA	9300
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-84	SB-84	SB-84	SB-85	SB-85	SB-86
Sample Name					SB-84-2-4	SB-84-6-8	SB-84-9-10	SB-85-0-2	SB-85-3-4	SB-86-0-2
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	9 - 10 ft	0 - 2 ft	3 - 4 ft	0 - 2 ft
Sample Date					1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023	5/16/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA	< 0.0019 U	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA	< 0.0019 U	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA	< 0.0019 U	NA	NA	NA	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA	< 0.019 U	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	0.024 J	NA	NA	NA	NA
Benzene	mg/kg	0.06	0.06	1.2	NA	< 0.0019 U	NA	NA	NA	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA	< 0.0019 U	NA	NA	NA	NA
Ethylbenzene	mg/kg	1	1	32	NA	0.0012 J	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	< 0.0019 U	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	< 0.0019 U	NA	NA	NA	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA	< 0.037 UJ	NA	NA	NA	NA
Methylcyclohexane	mg/kg	-	-	-	NA	< 0.0019 U	NA	NA	NA	NA
Styrene	mg/kg	-	300	-	NA	< 0.0019 U	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	< 0.0019 U	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA	< 0.0094 U	NA	NA	NA	NA
Xylenes	mg/kg	1.2	0.26	100	NA	< 0.0019 U	NA	NA	NA	NA
Semi Volatile Organic Compounds										
1,1'-Biphenyl	mg/kg	-	60	-	NA	< 0.8 U	NA	NA	NA	< 0.82 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	< 0.06 U	NA	NA	NA	< 0.06 UJ
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	< 0.2 U	NA	NA	NA	< 0.21 U
3&4 Methylphenol	mg/kg	0.33	0.33	100	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Acenaphthene	mg/kg	98	20	100	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Acetophenone	mg/kg	-	-	-	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Anthracene	mg/kg	1000	100	100	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Benz(a)anthracene	mg/kg	1	1	1	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Benzaldehyde	mg/kg	-	-	-	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Benzo(a)pyrene	mg/kg	22	1	1	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Benzyl butyl phthalate	mg/kg	122	100	100	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	0.2 J	NA	NA	NA	< 0.41 U
Carpolactam	mg/kg	-	-	-	NA	< 0.41 UJ	NA	NA	NA	< 0.41 U
Carbazole	mg/kg	-	-	-	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Chrysene	mg/kg	1	1	1.2	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Dibenzofuran	mg/kg	110	2.1	4.2	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Dimethyl phthalate	mg/kg	27	27	100	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Di-n-octyl phthalate	mg/kg	120	100	100	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Fluoranthene	mg/kg	1000	85	100	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Fluorene	mg/kg	386	30	100	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Naphthalene	mg/kg	12	12	84	NA	< 0.2 U	NA	NA	NA	< 0.21 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Phenanthrene	mg/kg	1000	1.1	1.2	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Phenol	mg/kg	0.33	0.33	100	NA	< 0.41 U	NA	NA	NA	< 0.41 U
Pyrene	mg/kg	1000	64	100	NA	< 0.2 U	NA	NA	NA	< 0.21 U
Pesticides										
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	< 0.0048 U	NA	NA	NA	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-84			SB-85			SB-86		
Sample Name		SB-84-2-4			SB-85-0-2			SB-86-0-2		
Sample Depth Interval (ft bgs)		2 - 4 ft			0 - 2 ft			0 - 2 ft		
Sample Date		1/11/2023			1/11/2023			5/16/2023		
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Dieldrin	mg/kg	0.1	0.005	0.017	NA	< 0.0048 U	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	< 0.0072 UJ	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 5.6 U	< 0.096 U	< 0.09 U	< 0.11 U	< 0.09 U	< 0.094 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	38	< 0.096 U	< 0.09 U	< 0.11 U	< 0.09 U	< 0.094 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	25	< 0.096 U	< 0.09 U	< 0.11 U	< 0.09 U	< 0.094 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	5.8	< 0.096 U	< 0.09 U	< 0.11 U	< 0.09 U	< 0.094 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 5.6 U	< 0.096 U	< 0.09 U	< 0.11 U	< 0.09 U	< 0.094 U
PCB (total)	mg/kg	3.2	0.1	1	69	ND	ND	ND	ND	ND
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NA	3300	NA	NA	NA	1500
Antimony	mg/kg	-	12	-	NA	< 1.9 U	NA	NA	NA	< 2 U
Arsenic	mg/kg	16	13	16	NA	< 3.8 U	NA	NA	NA	1.6 J
Barium	mg/kg	820	410	410	NA	14	NA	NA	NA	110
Beryllium	mg/kg	47	4.4	8.8	NA	0.15 J	NA	NA	NA	< 0.2 U
Cadmium	mg/kg	7.5	2.5	2.5	NA	< 0.38 U	NA	NA	NA	1.2
Calcium	mg/kg	-	10000	-	NA	420	NA	NA	NA	1700
Chromium (total)	mg/kg	19	1	1	NA	4	NA	NA	NA	2.2
Cobalt	mg/kg	-	20	30	NA	2	NA	NA	NA	2.3
Copper	mg/kg	1720	50	280	NA	16	NA	NA	NA	19
Iron	mg/kg	-	2000	2000	NA	5800	NA	NA	NA	4900
Lead	mg/kg	450	63	400	NA	5.4	NA	NA	NA	10
Magnesium	mg/kg	-	-	-	NA	1000	NA	NA	NA	240
Manganese	mg/kg	2000	1600	2000	NA	41	NA	NA	NA	140
Mercury	mg/kg	0.73	0.18	0.3	NA	< 0.029 U	NA	NA	NA	0.02 J
Nickel	mg/kg	130	30	87	NA	5	NA	NA	NA	88
Potassium	mg/kg	-	-	-	NA	320	NA	NA	NA	250
Silver	mg/kg	8.3	2	22	NA	< 0.38 U	NA	NA	NA	< 0.4 U
Sodium	mg/kg	-	-	-	NA	< 190 U	NA	NA	NA	< 200 U
Vanadium	mg/kg	-	39	100	NA	4.7	NA	NA	NA	9.4
Zinc	mg/kg	2480	109	1300	NA	21	NA	NA	NA	710
Miscellaneous Parameters										
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-86
Sample Name					SB-86-2.5-4.0
Sample Depth Interval (ft bgs)					2.5 - 4 ft
Sample Date					5/16/2023
Analyte	Unit	Criteria			
		(1)	(2)	(3)	
Volatile Organic Compounds (VOCs)					
1,2,4-Trichlorobenzene	mg/kg	3.4	3.4	-	NA
1,3-Dichlorobenzene	mg/kg	2.6	2.6	11	NA
1,4-Dichlorobenzene	mg/kg	1.8	1.8	10	NA
4-Methyl-2-Pentanone	mg/kg	1	1	-	NA
Acetone	mg/kg	0.03	0.03	100	NA
Benzene	mg/kg	0.06	0.06	1.2	NA
Chlorobenzene	mg/kg	4.5	4.5	73	NA
Ethylbenzene	mg/kg	1	1	32	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA
Methyl Acetate	mg/kg	-	-	-	NA
Methyl ethyl ketone (2-	mg/kg	0.1	0.1	100	NA
Methylcyclohexane	mg/kg	-	-	-	NA
Styrene	mg/kg	-	300	-	NA
Toluene	mg/kg	0.7	0.7	100	NA
Trichlorofluoromethane	mg/kg	-	-	-	NA
Xylenes	mg/kg	1.2	0.26	100	NA
Semi Volatile Organic Compounds					
1,1'-Biphenyl	mg/kg	-	60	-	< 0.75 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.055 UJ
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.19 U
3&4 Methylphenol	mg/kg	0.33	0.33	100	< 0.38 U
Acenaphthene	mg/kg	98	20	100	< 0.19 U
Acetophenone	mg/kg	-	-	-	< 0.38 U
Anthracene	mg/kg	1000	100	100	< 0.19 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.19 U
Benzaldehyde	mg/kg	-	-	-	< 0.38 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.19 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.19 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.19 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.19 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.38 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.38 U
Carpolactam	mg/kg	-	-	-	< 0.38 U
Carbazole	mg/kg	-	-	-	< 0.19 U
Chrysene	mg/kg	1	1	1.2	< 0.19 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.19 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.38 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.38 U
Dimethyl phthalate	mg/kg	27	27	100	< 0.38 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.38 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.38 U
Fluoranthene	mg/kg	1000	85	100	< 0.19 U
Fluorene	mg/kg	386	30	100	< 0.19 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.19 U
Naphthalene	mg/kg	12	12	84	< 0.19 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.38 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.19 U
Phenol	mg/kg	0.33	0.33	100	< 0.38 U
Pyrene	mg/kg	1000	64	100	< 0.19 U
Pesticides					
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA

Table 5-1A
Summary of Detected Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location		SB-86			
Sample Name		SB-86-2.5-4.0			
Sample Depth Interval (ft bgs)		2.5 - 4 ft			
Sample Date		5/16/2023			
Analyte	Unit	Criteria			
		(1)	(2)	(3)	
Dieldrin	mg/kg	0.1	0.005	0.017	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA
Polychlorinated Biphenyls (PCBs)					
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	< 0.088 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	< 0.088 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.088 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	< 0.088 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	< 0.088 U
PCB (total)	mg/kg	3.2	0.1	1	ND
Metals and Inorganics					
Aluminum	mg/kg	-	10000	-	3900
Antimony	mg/kg	-	12	-	< 1.9 U
Arsenic	mg/kg	16	13	16	1.4 J
Barium	mg/kg	820	410	410	13
Beryllium	mg/kg	47	4.4	8.8	< 0.19 U
Cadmium	mg/kg	7.5	2.5	2.5	< 0.37 U
Calcium	mg/kg	-	10000	-	570
Chromium (total)	mg/kg	19	1	1	8.3
Cobalt	mg/kg	-	20	30	2.1
Copper	mg/kg	1720	50	280	3.4
Iron	mg/kg	-	2000	2000	5900
Lead	mg/kg	450	63	400	2.5
Magnesium	mg/kg	-	-	-	1200
Manganese	mg/kg	2000	1600	2000	72
Mercury	mg/kg	0.73	0.18	0.3	< 0.027 U
Nickel	mg/kg	130	30	87	5.1
Potassium	mg/kg	-	-	-	300
Silver	mg/kg	8.3	2	22	< 0.37 U
Sodium	mg/kg	-	-	-	< 190 U
Vanadium	mg/kg	-	39	100	7.7
Zinc	mg/kg	2480	109	1300	12
Miscellaneous Parameters					
Cyanide	mg/kg	40	2.3	2.6	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
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Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

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U - Analyte was analyzed for but was not detected above the reported limit.

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-14	SB-14	SB-14	SB-14	SB-14	SB-15
Sample Name					SB-14-0-2	SB-14-2-4	SB-14-6-8	SB-14-10-12	SB-164-10-12	SB-15-0-2
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	10 - 12 ft	0 - 2 ft
Sample Date					12/20/2022	12/20/2022	12/20/2022	12/20/2022	12/20/2022	12/20/2022
Analyte	Unit	Criteria							Field Duplicate	
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDaA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
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ft bgs - feet below ground surface
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-15	SB-15	SB-16	SB-16	SB-16	SB-16
Sample Name					SB-15-2-4	SB-15-6-8	SB-16-0-2	SB-16-2-4	SB-16-6-8	SB-16-10-12
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					12/20/2022	12/20/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 1 UJ	NA	< 1 UJ
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 1 UJ	NA	0.1 J
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	0.22 J	NA	2.7 J
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	0.31	NA	6.7
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	2 J+	NA	67 J
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	0.9 J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	< 0.2 U	NA	4.6
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	< 2 UJ	NA	24 J
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	0.045 J	NA	0.067 J
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	0.32 J	NA	0.24 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	0.11 J	NA	0.14 J
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	0.68	NA	0.23
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	< 0.2 U	NA	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	0.23	NA	0.12 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	0.55	NA	0.75
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	0.5	NA	0.16 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	1.3	NA	2.5
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	0.46	NA	0.16 J
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	< 0.2 U	NA	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	0.76	NA	0.34
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	0.7	NA	5
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	57	NA	40
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	1.6	NA	3.5
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	0.08 J	NA	0.17 J
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	0.57	NA	0.17 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	< 0.2 U	NA	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	0.066 J	NA	0.04 J
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	0.19 J	NA	0.078 J
PFAS, TOTAL	ug/kg				NA	NA	NA	68	NA	160

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-16	SB-16	SB-17	SB-17	SB-17	SB-17
Sample Name					SB-16-14-16	SB-16-18-20	SB-17-0-2	SB-17-2-4	SB-17-6-8	SB-17-10-12
Sample Depth Interval (ft bgs)					14 - 16 ft	18 - 20 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					12/21/2022	12/21/2022	12/20/2022	12/20/2022	12/20/2022	12/20/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 1 U	NA	< 1 UJ
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 1 U	NA	0.057 J
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	R	NA	0.98 J+
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	0.38 J+	NA	11
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	2.3 J	NA	27
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	0.29 J+
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	0.2 J+	NA	4.2
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	1.3 J	NA	6.3
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	0.093 J	NA	0.05 J
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	2.6	NA	0.32 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	0.16 J	NA	0.11 J
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	0.69	NA	0.13 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	0.02 J	NA	< 0.2 U
Perfluorododecanoic acid (PFDaA)	ug/kg				NA	NA	NA	0.32	NA	0.075 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	2	NA	0.24
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	0.35	NA	0.052 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	2.9	NA	1.2
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	0.37	NA	0.074 J
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	0.065 J	NA	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	1.1	NA	0.26
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	1.1	NA	3.1
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	190 J	NA	18
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	1.7	NA	0.71
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	0.19 J	NA	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	0.35 J	NA	0.095 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	0.18 J+	NA	0.059 J+
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	0.094 J	NA	0.044 J
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	0.22	NA	0.084 J
PFAS, TOTAL	ug/kg				NA	NA	NA	210	NA	74

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-17	SB-18	SB-18	SB-18	SB-18	SB-19
Sample Name					SB-17-13-15	SB-18-0-2	SB-18-2-4	SB-18-6-8	SB-18-11-13	SB-19-0-2
Sample Depth Interval (ft bgs)					13 - 15 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	11 - 13 ft	0 - 2 ft
Sample Date					12/20/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	< 1 UJ
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	< 1 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	< 0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	0.39 J+
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	< 2 UJ
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	< 0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	0.026 J
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	0.42 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	0.13 J
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	0.42
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	0.38
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	0.19 J
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	0.31
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	0.43
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	0.33
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	0.034 J
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	0.38
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	0.6
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	23 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	0.85 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	0.024 J
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	0.32 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	0.31
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	0.77 J
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	29

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-19	SB-19	SB-19	SB-20	SB-20	SB-20
Sample Name					SB-19-2-4	SB-19-6-8	SB-19-10-12	SB-20-0-2	SB-20-2-4	SB-20-6-8
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft
Sample Date					12/21/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	< 1 UJ	NA	NA	< 1 UJ	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	0.23 J	NA	NA	< 1 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	0.63 J	NA	NA	0.63 J	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	5.9	NA	NA	0.49	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	29 J	NA	NA	1.6 J	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	2.5 J	NA	NA	0.14 J	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	23	NA	NA	0.14 J	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	120 J	NA	NA	0.48 J	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	0.034 J	NA	NA	0.062 J	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	0.23 J	NA	NA	0.41 J	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	0.046 J	NA	NA	0.17 J	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	0.12 J	NA	NA	0.81	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	< 0.2 U	NA	NA	< 0.28 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	0.074 J	NA	NA	0.69	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	0.059 J	NA	NA	0.69	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	0.062 J	NA	NA	0.38	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	0.67	NA	NA	1.5	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	0.055 J	NA	NA	0.51	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	< 0.2 U	NA	NA	< 0.28 U	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	2	NA	NA	3.1	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	0.85	NA	NA	2.5	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	4.3	NA	NA	52	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	0.69	NA	NA	2.4	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	0.048 J	NA	NA	0.12 J	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	0.097 J	NA	NA	0.62	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	< 0.2 U	NA	NA	0.28 J	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	0.86	NA	NA	0.52	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	2.4	NA	NA	1.4	NA
PFAS, TOTAL	ug/kg				NA	190	NA	NA	72	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
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B - Indicates the analyte is detected in the associate blank as well as in the sample.
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J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-20	SB-20	SB-21	SB-21	SB-21	SB-22
Sample Name					SB-20-8.5-10	SB-170-8.5-10	SB-21-0-2	SB-21-2-4	SB-21-4.2-5.0	SB-22-0-2
Sample Depth Interval (ft bgs)					8.5 - 10 ft	8.5 - 10 ft	0 - 2 ft	2 - 4 ft	4.2 - 5 ft	0 - 2 ft
Sample Date					12/21/2022	12/21/2022	1/4/2023	1/4/2023	1/4/2023	12/21/2022
Analyte	Unit	Criteria				Field Duplicate				
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				< 1 U	< 1 U	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 1 U	< 1 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				< 2 U	< 2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				< 2 U	< 2 U	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 1 U	0.19 J	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.032 J	< 0.2 U	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				0.013 J	0.011 J	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				< 0.23 U	0.017 J	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.045 J	0.027 J	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.056 J	0.047 J	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				< 0.46 U	0.034 J	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				< 0.23 U	< 0.2 U	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				0.15	0.33	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-22	SB-22	SB-22	SB-22	SB-22	SB-22
Sample Name					SB-22-2-4	SB-22-6-8	SB-22-10-12	SB-22-14-16	SB-22-18-20	SB-22-23-24
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft	18 - 20 ft	23 - 24 ft
Sample Date					12/21/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022	12/21/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-23	SB-23	SB-23	SB-23	SB-23	SB-23
Sample Name					SB-23-0-2	SB-23-2-4	SB-23-6-8	SB-173-6-8	SB-23-10-12	SB-23-14-16
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022
Analyte	Unit	Criteria						Field Duplicate		
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDaA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-23	SB-23	SB-24	SB-24	SB-24	SB-24
Sample Name					SB-23-18-20	SB-23-24-25	SB-24-0-2	SB-24-2-4	SB-24-6-8	SB-24-10-12
Sample Depth Interval (ft bgs)					18 - 20 ft	24 - 25 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDaA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-24	SB-24	SB-24	SB-25	SB-25	SB-25
Sample Name					SB-24-14-16	SB-24-18-20	SB-24-23-24	SB-25-0-2	SB-25-2-4	SB-25-6-8
Sample Depth Interval (ft bgs)					14 - 16 ft	18 - 20 ft	23 - 24 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/21/2022	12/21/2022	12/21/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-25	SB-25	SB-26	SB-26	SB-27	SB-27
Sample Name					SB-25-10-12	SB-25-12.5-14	SB-26-0.0-1.0	SB-26-1.2-1.8	SB-27-0-2	SB-27-2-4
Sample Depth Interval (ft bgs)					10 - 12 ft	12.5 - 14 ft	0 - 1 ft	1.2 - 1.8 ft	0 - 2 ft	2 - 4 ft
Sample Date					12/21/2022	12/21/2022	1/3/2023	1/3/2023	1/4/2023	1/4/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	0.21 J	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	< 0.2 UJ	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	0.092 J	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	0.2 J	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	< 0.2 UJ	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	< 0.2 UJ	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	< 2 U	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	0.7	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	< 1 U	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	0.2 J	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	0.18 J	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	0.092 J	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	0.1 J	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	8.8	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	0.098 J	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	46	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	0.26	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	0.17 J	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	1.4	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	0.26	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	330 J	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	0.62	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	3.4	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	< 0.4 U	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	0.041 J	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	0.43	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	1.4	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	390	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-28	SB-28	SB-28	SB-28	SB-28	SB-29
Sample Name					SB-28-0-2	SB-28-2-4	SB-28-6-8	SB-28-10-12	SB-28-14-15	SB-29-0-2
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 15 ft	0 - 2 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/5/2023	12/22/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-29	SB-29	SB-29	SB-29	SB-29	SB-29
Sample Name					SB-29-2-4	SB-29-6-8	SB-29-10-12	SB-29-14-16	SB-29-18-20	SB-29-22-24
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft	18 - 20 ft	22 - 24 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-30	SB-30	SB-30	SB-30	SB-30	SB-30
Sample Name					SB-30-0-2	SB-30-2-4	SB-180-2-4	SB-30-6-8	SB-30-10-12	SB-30-14-16
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022
Analyte	Unit	Criteria					Field Duplicate			
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				< 1 UJ	NA	NA	0.1 J	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 1 UJ	NA	NA	0.16 J	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				R	NA	NA	2.4	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				< 0.2 U	NA	NA	16	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				< 2 UJ	NA	NA	21 J	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.2 UJ	NA	NA	0.62 J	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				< 0.2 U	NA	NA	5	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				< 2 UJ	NA	NA	5.2 J	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				0.047 J	NA	NA	0.043 J	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 1 U	NA	NA	< 1 U	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				0.092 J	NA	NA	0.07 J	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				0.45	NA	NA	0.29	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	NA	< 0.2 U	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				0.19 J	NA	NA	0.13 J	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				0.38	NA	NA	0.11 J	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.27	NA	NA	0.08 J	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.83	NA	NA	0.68	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				0.32	NA	NA	0.12 J	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				0.035 J	NA	NA	< 0.2 U	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				0.61	NA	NA	0.65	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				0.62	NA	NA	2.1	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	50	NA	NA	16	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	1.1	NA	NA	1.3	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				0.062 J	NA	NA	0.066 J	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				0.37 J	NA	NA	< 0.4 U	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				< 0.2 U	NA	NA	< 0.2 U	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				0.21	NA	NA	0.92	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				0.56	NA	NA	0.99	NA	NA
PFAS, TOTAL	ug/kg				56	NA	NA	74	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
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R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-30	SB-30	SB-31	SB-31	SB-31	SB-31
Sample Name					SB-30-18-20	SB-30-22.5-24	SB-31-0-2	SB-31-2-4	SB-31-6-8	SB-31-10-12
Sample Depth Interval (ft bgs)					18 - 20 ft	22.5 - 24 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022	12/22/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	< 1 U	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	< 1 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	< 0.2 UJ	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	< 2 UJ	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	< 0.2 UJ	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	< 2 U	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	0.014 J	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	< 1 U	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorododecanoic acid (PFDaA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	0.022 J	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	0.047 J	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	0.032 J	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	0.05 J	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	0.12 J	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	0.25	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	< 0.4 U	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTrA/PFTrDA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	0.54	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-31	SB-31	SB-31	SB-32	SB-32	SB-32
Sample Name					SB-31-14-16	SB-31-18-20	SB-31-21-22	SB-32-0-2	SB-32-2-4	SB-182-2-4
Sample Depth Interval (ft bgs)					14 - 16 ft	18 - 20 ft	21 - 22 ft	0 - 2 ft	2 - 4 ft	2 - 4 ft
Sample Date					12/22/2022	12/22/2022	12/22/2022	1/5/2023	1/5/2023	1/5/2023
Analyte	Unit	Criteria								Field Duplicate
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	< 1 UJ
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	< 1 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	R	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	1.6	0.37
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	2.7 J	1.5 J
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	R	0.024 J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	0.39	0.12 J
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	0.61 J	0.46 J
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	0.038 J	0.026 J
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	< 1 U	< 1 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	0.092 J	0.082 J
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	0.22	0.22
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	< 0.2 U	< 0.17 U
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	0.18 J	0.15 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	0.32	0.096 J
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	0.12 J	0.14 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	0.79	0.23
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	0.11 J	0.14 J
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	< 0.2 U	< 0.17 U
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	0.43	0.26
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	0.65	0.21
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	27	21
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	0.73	0.5
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	0.061 J	0.021 J
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	0.092 J	0.14 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	0.081 J	0.089 J
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	0.17 J	0.18
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	0.62	0.46
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	37	26

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-32	SB-32	SB-32	SB-32	SB-33	SB-33
Sample Name					SB-32-6-8	SB-32-10-12	SB-32-14-16	SB-32-19-20	SB-33-0-2	SB-33-2-4
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	14 - 16 ft	19 - 20 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/5/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	< 1 UJ	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	0.073 J	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	0.71	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	6	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	73 J	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	0.54	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	2	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	22 J	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	0.12 J	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	0.46 J	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	0.26	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	< 0.2 UJ	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	0.32	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	0.064 J	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	1.2	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	0.51	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	3 J	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	13	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	0.54	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	< 0.4 U	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	0.057 J	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	< 0.2 UJ	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	0.097 J	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	120	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-33	SB-33	SB-33	SB-33	SB-34	SB-34
Sample Name					SB-33-6-8	SB-33-10-12	SB-33-14-16	SB-33-18-20	SB-34-0-2	SB-34-2-4
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	14 - 16 ft	18 - 20 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/9/2023	1/9/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	0.1 J	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	0.45	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	2.8 J	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	< 0.2 UJ	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	0.065 J	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	0.48 J	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	0.024 J	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	1.2 J+	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	0.094 J	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	0.37	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	0.2	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	0.35	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	0.23	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	0.48	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	0.27	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	0.89	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	0.56	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	42	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	0.92	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	0.027 J	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	0.34 J	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	0.11 J	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	0.34	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	0.73	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	53	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Highlight	Concentration exceeds Criteria (1)
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-34	SB-34	SB-35	SB-35	SB-35	SB-36
Sample Name					SB-34-6-8	SB-34-11-13	SB-35-0-0.5	SB-35-0.8-1.0	SB-185-0.8-1.0	SB-36-0-2
Sample Depth Interval (ft bgs)					6 - 8 ft	11 - 13 ft	0 - 0.5 ft	0.8 - 1 ft	0.8 - 1 ft	0 - 2 ft
Sample Date					1/9/2023	1/9/2023	1/3/2023	1/3/2023	1/3/2023	1/4/2023
Analyte	Unit	Criteria							Field Duplicate	
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	0.17 J	NA	NA	NA	< 1 U
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	< 1 U	NA	NA	NA	< 1 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	< 0.2 U	NA	NA	NA	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	< 0.2 U	NA	NA	NA	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	< 2 U	NA	NA	NA	< 2 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	< 0.2 U	NA	NA	NA	< 0.2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	< 0.2 U	NA	NA	NA	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	< 2 U	NA	NA	NA	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.073 J
Perfluorobutanoic acid (PFBA)	ug/kg				NA	< 1 U	NA	NA	NA	< 1 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	< 0.2 U	NA	NA	NA	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.051 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	< 0.2 U	NA	NA	NA	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.034 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.23
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.066 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	< 0.2 U	NA	NA	NA	1.2
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.092 J
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	< 0.2 U	NA	NA	NA	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.16 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.034 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	0.05 J	NA	NA	NA	15 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	< 0.2 U	NA	NA	NA	0.2 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.15 J
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	0.02 J	NA	NA	NA	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.021 J
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.073 J
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	< 0.2 U	NA	NA	NA	0.2
PFAS, TOTAL	ug/kg				NA	0.24	NA	NA	NA	18

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-36	SB-37	SB-37	SB-37	SB-38	SB-38
Sample Name					SB-36-2-4	SB-37-0-2	SB-37-0-2	SB-37-2-4	SB-38-0-2	SB-38-2-4
Sample Depth Interval (ft bgs)					2 - 4 ft	0 - 2 ft	0 - 2 ft	2 - 4 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/4/2023	1/4/2023	1/13/2023	1/4/2023	1/5/2023	1/5/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	0.09 J	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	< 0.8 UJ	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	< 0.2 UJ	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	0.16 J	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	1.5 J	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	< 0.2 UJ	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	0.038 J	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	0.41 J	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	0.045 J	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	2 J+	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	0.048 J	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	0.15 J	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	< 0.2 U	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	0.12 J	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	0.12 J	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	0.15 J	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	0.43	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	0.21	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	< 0.2 UJ	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	0.24	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	0.12 J	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	13	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	0.52	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	0.042 J	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	0.29 J	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	0.084 J	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	0.18 J	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	0.25	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	20	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-38	SB-38	SB-38	SB-38	SB-39	SB-39
Sample Name					SB-38-6-8	SB-38-10-12	SB-38-13.7-14.1	SB-38-18-19	SB-39-0-2	SB-39-2-4
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	13.7 - 14.1 ft	18 - 19 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
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J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-39	SB-39	SB-39	SB-39	SB-40	SB-40
Sample Name					SB-39-6-8	SB-39-10-12	SB-39-12-14	SB-39-18-20	SB-40-0-2	SB-40-2-4
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	12 - 14 ft	18 - 20 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/6/2023	1/6/2023	1/6/2023	1/6/2023	1/9/2023	1/9/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
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J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
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UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-40	SB-40	SB-41	SB-41	SB-41	SB-41
Sample Name					SB-40-6-8	SB-40-10-12	SB-41-0-2	SB-41-2-4	SB-41-6-8	SB-41-8.5-10
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	8.5 - 10 ft
Sample Date					1/9/2023	1/9/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
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J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-41	SB-42	SB-42	SB-43	SB-43	SB-43
Sample Name					SB-191-8.5-10	SB-42-0-2	SB-42-2-4	SB-43-0-2	SB-43-2-4	SB-43-7-8
Sample Depth Interval (ft bgs)					8.5 - 10 ft	0 - 2 ft	2 - 4 ft	0 - 2 ft	2 - 4 ft	7 - 8 ft
Sample Date					1/6/2023	1/4/2023	1/4/2023	1/10/2023	1/10/2023	1/10/2023
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	0.23 J+	NA	0.17 J
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 0.81 UJ	NA	< 0.8 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	< 0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	0.065 J	NA	0.069 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	0.35 J	NA	< 2 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	< 0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	< 0.2 U	NA	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	< 2 U	NA	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	0.033 J	NA	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	1.4 J+	NA	< 0.8 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	0.032 J	NA	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	0.097 J	NA	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	< 0.2 U	NA	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	0.081 J	NA	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	0.053 J	NA	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	0.068 J	NA	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	0.3	NA	< 0.2 U
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	0.076 J	NA	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	< 0.2 U	NA	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	0.11 J	NA	< 0.2 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	0.054 J+	NA	0.011 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	5.4	NA	0.26
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	0.18 J	NA	0.033 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	0.044 J	NA	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	0.1 J	NA	0.027 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	0.032 J	NA	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	0.076 J	NA	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	0.27	NA	< 0.2 U
PFAS, TOTAL	ug/kg				NA	NA	NA	9.1	NA	0.57

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
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U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-43	SB-43	SB-44	SB-44	SB-44	SB-44
Sample Name					SB-193-7-8	SB-43-12-14	SB-44-0-2	SB-44-2-4	SB-44-6-8	SB-44-10-12
Sample Depth Interval (ft bgs)					7 - 8 ft	12 - 14 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					1/10/2023	1/13/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				0.19 J	< 0.8 U	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 0.81 U	< 0.8 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				0.11 J	0.046 J	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				< 2 U	< 2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				< 2 U	< 2 U	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 0.81 U	< 0.8 U	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				< 0.2 U	< 0.2 UJ	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 U	< 0.2 UJ	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				0.011 J	< 0.2 U	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.24	0.087 J	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.038 J	< 0.2 U	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				0.021 J	< 0.4 U	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				0.61	0.13	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-44	SB-45	SB-45	SB-45	SB-45	SB-45
Sample Name					SB-44-12.5-13	SB-45-0-2	SB-45-2-4	SB-45-6-8	SB-45-10-12	SB-45-17.5-18
Sample Depth Interval (ft bgs)					12.5 - 13 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	17.5 - 18 ft
Sample Date					1/6/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-46	SB-46	SB-46	SB-46	SB-46	SB-47
Sample Name					SB-46-0-2	SB-46-2-4	SB-46-6-8	SB-46-10-12	SB-46-14-16	SB-47-0-2
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	14 - 16 ft	0 - 2 ft
Sample Date					1/10/2023	1/10/2023	1/10/2023	1/10/2023	1/10/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				0.19 J	NA	< 8.1 UJ	NA	0.17 J	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 0.8 UJ	NA	< 8.1 U	NA	< 0.79 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				R	NA	0.7 J	NA	< 0.2 U	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				0.25	NA	5.3	NA	< 0.2 U	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				1.5 J	NA	49	NA	< 2 U	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				R	NA	< 2 UJ	NA	< 0.2 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				0.051 J	NA	1.9 J	NA	< 0.2 U	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				0.42 J	NA	14 J	NA	< 2 U	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				0.034 J	NA	< 2 U	NA	< 0.2 U	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 0.8 U	NA	4.6 J	NA	< 0.79 U	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				0.15 J	NA	< 2 U	NA	< 0.2 U	NA
Perfluorodecanoic acid (PFDA)	ug/kg				0.65	NA	< 2 U	NA	< 0.2 U	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	< 2 U	NA	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				0.4	NA	< 2 U	NA	< 0.2 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				0.15 J	NA	< 2 U	NA	< 0.2 U	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.31	NA	< 2 U	NA	< 0.2 U	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.41	NA	1.1 J	NA	0.03 J	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				0.32	NA	0.31 J	NA	< 0.2 U	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				0.14 J	NA	< 2 U	NA	< 0.2 U	NA
Perfluorononanoic acid (PFNA)	ug/kg				0.53	NA	< 2 U	NA	< 0.2 U	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				0.24	NA	0.89 J	NA	0.028 J	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	26	NA	3.2	NA	0.065 J	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.76	NA	1.1 J	NA	0.075 J	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				0.024 J	NA	< 2 U	NA	< 0.2 U	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				0.36 J	NA	0.43 J	NA	< 0.4 U	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				0.19 J	NA	< 2 U	NA	< 0.2 U	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				0.27	NA	< 2 U	NA	< 0.2 U	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				0.9	NA	< 2 U	NA	< 0.2 U	NA
PFAS, TOTAL	ug/kg				34	NA	83	NA	0.37	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-47	SB-47	SB-47	SB-47	SB-48	SB-48
Sample Name					SB-47-2-4	SB-47-6-8	SB-47-13.0-14	SB-197-13.0-14	SB-48-0-2	SB-48-2-4
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	13 - 14 ft	13 - 14 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/6/2023	1/6/2023	1/6/2023	1/6/2023	1/9/2023	1/9/2023
Analyte	Unit	Criteria						Field Duplicate		
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	R	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	0.42	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	1.8 J	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	R	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	0.27	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	0.38 J	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	0.07 J	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	1.2 J+	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	0.12 J	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	0.33	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	0.18 J	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	0.76	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	0.25	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	2.6	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	0.29	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	0.65	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	8.8 J	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	96	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	3.8	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	0.26	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	0.4	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	0.091 J	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	0.061 J	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	0.12 J	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	120	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-48	SB-48	SB-49	SB-49	SB-49	SB-49
Sample Name					SB-48-6-8	SB-48-11-13	SB-49-0-2	SB-49-2-4	SB-49-6-8	SB-49-11-13
Sample Depth Interval (ft bgs)					6 - 8 ft	11 - 13 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	11 - 13 ft
Sample Date					1/9/2023	1/9/2023	1/9/2023	1/9/2023	1/9/2023	1/9/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				0.11 J	NA	< 1 UJ	NA	0.12 J	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 1 UJ	NA	< 1 UJ	NA	< 1 UJ	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				0.3 J	NA	0.19 J	NA	R	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				0.58	NA	0.5	NA	0.59	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				1.3 J	NA	1.8 J	NA	1.4 J	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				0.086 J	NA	< 0.2 UJ	NA	R	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				0.16 J	NA	0.12 J	NA	0.19 J	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				0.24 J	NA	0.38 J	NA	0.35 J	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				0.084 J	NA	0.031 J	NA	0.099 J	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 1 U	NA	< 1 U	NA	< 1 U	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				0.098 J	NA	0.21	NA	0.16 J	NA
Perfluorodecanoic acid (PFDA)	ug/kg				0.46	NA	1.1	NA	0.75	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	< 0.2 U	NA	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				0.23	NA	0.6	NA	0.49	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				0.82	NA	0.52	NA	0.89	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.15 J	NA	0.36	NA	0.21	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				1.1	NA	0.77	NA	2.6	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				0.23	NA	0.36	NA	0.23	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				0.061 J	NA	0.05 J	NA	< 0.2 U	NA
Perfluorononanoic acid (PFNA)	ug/kg				0.81	NA	1.2	NA	0.65	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				3.3 J	NA	1.1	NA	3.6	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	46	NA	110	NA	65 J	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	1.7	NA	1.6	NA	2.5	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				0.069 J	NA	0.049 J	NA	0.26	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				0.15 J	NA	0.33 J	NA	0.24 J	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				0.12 J	NA	0.25	NA	0.21	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				0.15 J	NA	0.17 J	NA	0.13 J	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				0.36	NA	0.76	NA	0.28	NA
PFAS, TOTAL	ug/kg				59	NA	120	NA	81	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-50	SB-50	SB-51	SB-51	SB-52	SB-52
Sample Name					SB-50-0-2	SB-50-2.7-4.0	SB-51-0-2	SB-51-9-10	SB-52-0-2	SB-52-2-4
Sample Depth Interval (ft bgs)					0 - 2 ft	2.7 - 4 ft	0 - 2 ft	9 - 10 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/10/2023	1/10/2023	1/11/2023	1/11/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 0.8 UJ	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 0.8 UJ	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	< 2 U	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	< 2 U	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	< 0.8 U	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	0.03 J	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	0.073 J	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	< 0.2 U	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	< 0.4 U	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	0.10	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-52	SB-52	SB-52	SB-53	SB-53	SB-53
Sample Name					SB-52-6-8	SB-52-10-12	SB-52-18-18.5	SB-53-0-2	SB-53-2-4	SB-53-6-8
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	18 - 18.5 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft
Sample Date					1/6/2023	1/6/2023	1/6/2023	1/11/2023	1/11/2023	1/11/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 0.8 UJ	NA	< 0.8 UJ
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 0.8 UJ	NA	0.057 J
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	0.089 J	NA	2.2 J
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	0.24 J	NA	1.9 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	2 J	NA	4.2 J
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	0.55 J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	0.043 J	NA	0.59
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	0.45 J	NA	1 J
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	0.027 J	NA	0.061 J
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	< 0.8 U	NA	< 0.8 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	0.096 J	NA	0.11 J
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	0.4	NA	0.35
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	< 0.2 UJ
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	0.16 J	NA	0.21
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	0.2	NA	0.31
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	0.29	NA	0.23
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	0.45	NA	0.99
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	0.36	NA	0.2
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	< 0.2 U	NA	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	0.74	NA	0.89
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	0.21	NA	2.8
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	31	NA	38
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	0.96	NA	1.3
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	0.031 J	NA	0.071 J
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	0.31 J	NA	0.14 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	0.091 J	NA	0.087 J
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	0.22	NA	0.23
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	0.67	NA	0.65
PFAS, TOTAL	ug/kg				NA	NA	NA	39	NA	57

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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J+ - Reported concentration is an estimated value, and may be biased high.

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U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-53	SB-53	SB-54	SB-54	SB-54	SB-54
Sample Name					SB-53-10-12	SB-53-13.5-14	SB-54-0-2	SB-54-2-4	SB-54-6-8	SB-54-10-12
Sample Depth Interval (ft bgs)					10 - 12 ft	13.5 - 14 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					1/11/2023	1/11/2023	1/6/2023	1/6/2023	1/6/2023	1/6/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

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- J - Reported concentration is an estimated value.
- J+ - Reported concentration is an estimated value, and may be biased high.
- R - The result was rejected during validation.
- U - Analyte was analyzed for but was not detected above the reported limit.
- UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-54	SB-54	SB-55	SB-55	SB-55	SB-55
Sample Name					SB-54-14-16	SB-54-18-20	SB-55-0-2	SB-55-2-4	SB-55-6-8	SB-55-10-12
Sample Depth Interval (ft bgs)					14 - 16 ft	18 - 20 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					1/6/2023	1/6/2023	1/10/2023	1/10/2023	1/10/2023	1/10/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	< 8 U	NA	0.15 J	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	< 8 U	NA	< 0.8 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	0.35 J	NA	R	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	0.73 J	NA	0.74	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	2.4 J	NA	1.7 J	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	< 2 UJ	NA	R	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	< 2 U	NA	0.13 J	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	< 20 U	NA	0.41 J	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	< 2 U	NA	0.086 J	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	3.3 J+	NA	2.1	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	< 2 U	NA	0.073 J	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	0.63 J	NA	0.67	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	< 2 U	NA	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	0.47 J	NA	0.28 J	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	0.37 J	NA	0.75	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	0.33 J	NA	0.55	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	1.3 J	NA	1.8	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	0.57 J	NA	0.61	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	< 2 U	NA	< 0.2 U	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	0.77 J	NA	0.7	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	< 2 U	NA	1.8 J	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	38	NA	64	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	2 J	NA	3.6	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	< 2 U	NA	0.18 J	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	< 4 U	NA	0.54	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	0.27 J	NA	0.17 J	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	< 2 U	NA	0.052 J	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	0.42 J	NA	0.18 J	NA
PFAS, TOTAL	ug/kg				NA	NA	52	NA	81	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-55	SB-56	SB-56	SB-56	SB-57	SB-57
Sample Name					SB-55-14-15	SB-56-0-2	SB-56-3-4	SB-206-3-4	SB-57-0-2	SB-57-3-4
Sample Depth Interval (ft bgs)					14 - 15 ft	0 - 2 ft	3 - 4 ft	3 - 4 ft	0 - 2 ft	3 - 4 ft
Sample Date					1/10/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
Analyte	Unit	Criteria						Field Duplicate		
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				0.14 J	< 0.8 UJ	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 0.79 U	< 0.8 UJ	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				< 0.2 U	0.033 J	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				< 0.2 U	0.066 J	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				< 2 U	1.2 J	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.2 U	< 0.2 UJ	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				< 2 U	0.12 J	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 0.79 U	< 0.8 U	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				< 0.2 U	0.025 J	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	< 0.2 UJ	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				< 0.2 U	0.14 J	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				< 0.2 U	0.039 J	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				0.018 J	0.083 J	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.057 J	2.5	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.042 J	0.079 J	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				< 0.4 U	0.027 J	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				< 0.2 U	0.019 J	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				< 0.2 U	0.028 J	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				0.26	4.4	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
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Definitions:

ft bgs - feet below ground surface

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-58	SB-58	SB-58	SB-58	SB-59	SB-59
Sample Name					SB-58-0-2	SB-58-2-4	SB-58-6-8	SB-58-12-14	SB-59-0-2	SB-59-2-4
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	12 - 14 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/12/2023	1/12/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 0.8 UJ	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 0.8 UJ	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	0.062 J	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	0.099 J	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	0.76 J	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	< 0.2 UJ	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	0.47 J	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	< 0.8 U	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	0.033 J	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	0.32	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorododecanoic acid (PFDaA)	ug/kg				NA	NA	NA	NA	0.13 J	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	0.072 J	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	0.064 J	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	0.21	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	0.075 J	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	0.25	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	0.1 J	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	25	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	0.26	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	< 0.4 U	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	0.062 J	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	0.12 J	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	0.35	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	28	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-59	SB-59	SB-59	SB-59	SB-60	SB-60
Sample Name					SB-59-6-8	SB-59-10-12	SB-59-14-16	SB-59-18-20	SB-60-0.0-0.5	SB-60-0.8-1.0
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	14 - 16 ft	18 - 20 ft	0 - 0.5 ft	0.8 - 1 ft
Sample Date					1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/3/2023	1/3/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	< 0.8 UJ	NA	< 0.8 U	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	0.067 J	NA	< 0.8 U	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	R	NA	< 0.2 UJ	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	1.8	NA	0.27	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	4.7 J	NA	< 2 U	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	R	NA	< 0.2 UJ	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	0.63	NA	0.12 J	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	1.5 J	NA	< 2 U	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	0.027 J	NA	< 0.2 U	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	< 0.8 U	NA	< 0.8 U	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	0.085 J	NA	< 0.2 U	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	0.24	NA	< 0.2 U	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	< 0.2 U	NA	< 0.2 U	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	0.17 J	NA	< 0.2 U	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	0.14 J	NA	< 0.2 U	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	0.065 J	NA	< 0.2 U	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	0.92	NA	< 0.2 U	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	0.085 J	NA	< 0.2 U	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	< 0.2 U	NA	< 0.2 U	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	0.45	NA	< 0.2 U	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	2.4 J	NA	< 0.2 U	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	22	NA	0.036 J	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	1.1	NA	< 0.2 U	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	0.11 J	NA	< 0.2 U	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	< 0.4 U	NA	< 0.4 U	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	0.072 J	NA	< 0.2 U	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	0.074 J	NA	< 0.2 U	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	0.17 J	NA	< 0.2 U	NA	NA
PFAS, TOTAL	ug/kg				NA	37	NA	0.43	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-61	SB-61	SB-62	SB-62	SB-62	SB-62
Sample Name					SB-61-0-2	SB-61-3-5	SB-62-0-2	SB-62-2-4	SB-62-6-8	SB-62-9-10
Sample Depth Interval (ft bgs)					0 - 2 ft	3 - 5 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	9 - 10 ft
Sample Date					1/11/2023	1/11/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	< 0.8 U	< 0.8 UJ	NA	< 0.8 UJ	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	< 0.8 U	< 0.8 UJ	NA	< 0.8 UJ	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	< 0.2 U	R	NA	2 J	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	< 0.2 UJ	0.47	NA	2.3	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	< 2 U	1.9 J	NA	8.3 J	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	< 0.2 U	R	NA	0.32 J	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	< 0.2 U	0.14 J	NA	0.73	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	< 2 U	0.89 J	NA	0.62 J	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	< 0.2 U	0.084 J	NA	0.025 J	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	< 0.8 U	< 0.8 U	NA	< 0.8 U	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	< 0.2 U	0.076 J	NA	< 0.2 U	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	< 0.2 U	0.42	NA	0.16 J	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	< 0.2 UJ	< 0.2 U	NA	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	< 0.2 U	0.2 J	NA	0.11 J	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	< 0.2 U	0.72	NA	0.091 J	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	< 0.2 U	0.19 J	NA	0.088 J	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	< 0.2 U	1.3	NA	0.4	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	0.01 J	0.22	NA	< 0.2 U	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	< 0.2 U	0.045 J	NA	< 0.2 U	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	0.046 J	0.55	NA	0.34	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	< 0.2 U	3.1 J	NA	1.6	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	2.3	69	NA	11	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	< 0.2 U	1.3	NA	0.51	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	< 0.2 U	0.12 J	NA	0.038 J	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	0.024 J	< 0.4 U	NA	< 0.4 U	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	< 0.2 U	0.088 J	NA	0.057 J	NA
Perfluorotridecanoic acid (PFTrA/PFTrDA)	ug/kg				NA	< 0.2 U	0.2 J	NA	0.25	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	< 0.2 U	0.41	NA	0.54	NA
PFAS, TOTAL	ug/kg				NA	2.4	81	NA	29	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

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B - Indicates the analyte is detected in the associate blank as well as in the sample.

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U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-63	SB-63	SB-63	SB-63	SB-64	SB-64
Sample Name					SB-63-0-2	SB-63-2-4	SB-63-6-8	SB-63-12.5-13	SB-64-0-2	SB-64-3.4-4.0
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	12.5 - 13 ft	0 - 2 ft	3.4 - 4 ft
Sample Date					1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/3/2023	1/3/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	< 0.2 UJ	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	0.11 J	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	< 2 U	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	< 0.2 UJ	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	0.047 J	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	< 2 U	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	< 1 U	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	0.15 J	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	0.019 J	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	0.037 J	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	0.042 J	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	0.35	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	2.8	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	0.16 J	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	0.082 J	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	0.017 J	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	0.028 J	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	0.32	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	4.2	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-65	SB-65	SB-66	SB-66	SB-66	SB-66
Sample Name					SB-65-0-2	SB-65-3-5	SB-66-0-2	SB-66-2-4	SB-66-6-8	SB-66-9.5-10
Sample Depth Interval (ft bgs)					0 - 2 ft	3 - 5 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	9.5 - 10 ft
Sample Date					1/11/2023	1/11/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	< 0.8 U	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	< 0.8 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	< 0.2 UJ	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	< 2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	< 2 U	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	< 0.8 U	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	< 0.2 UJ	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	0.078 J	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	0.63	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	< 0.2 U	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	< 0.4 U	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	< 0.2 U	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	0.71	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-67	SB-67	SB-67	SB-67	SB-68	SB-68
Sample Name					SB-67-0-2	SB-67-2-4	SB-67-6-8	SB-67-10-12	SB-68-0-2	SB-68-2-4
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/13/2023	1/13/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				< 0.8 UJ	NA	0.12 J	NA	0.087 J	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 0.8 UJ	NA	0.24 J	NA	< 0.8 UJ	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				R	NA	R	NA	< 0.2 UJ	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				0.94	NA	7.3	NA	0.39	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				3.6 J	NA	16 J	NA	1.1 J	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				0.13 J	NA	0.13 J	NA	< 0.2 UJ	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				0.31	NA	1.8	NA	0.082 J	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				0.38 J	NA	2.9 J	NA	0.45 J	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				0.045 J	NA	< 0.2 U	NA	< 0.2 U	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 0.8 U	NA	< 0.81 UJ	NA	< 0.8 U	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				0.056 J	NA	0.098 J	NA	0.056 J	NA
Perfluorodecanoic acid (PFDA)	ug/kg				0.3	NA	0.17 J	NA	0.38	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	< 0.2 U	NA	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				0.17 J	NA	0.095 J	NA	0.27	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				0.2 J	NA	< 0.2 U	NA	0.23	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.15 J	NA	0.046 J	NA	0.27	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.54	NA	0.92	NA	0.78	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				0.17 J	NA	0.035 J	NA	0.29	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 U	NA	< 0.2 U	NA	0.068 J	NA
Perfluorononanoic acid (PFNA)	ug/kg				0.72	NA	2.9	NA	0.8	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				0.86	NA	1.1	NA	0.37	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	19	NA	9.3	NA	27	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.87	NA	0.63	NA	1.3	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				0.062 J	NA	< 0.2 U	NA	0.045 J	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				< 0.4 U	NA	< 0.4 U	NA	0.29 J	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				0.079 J	NA	0.049 J	NA	0.16 J	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				0.59	NA	0.87	NA	0.25	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				1.5	NA	2.9	NA	0.6	NA
PFAS, TOTAL	ug/kg				31	NA	48	NA	35	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-68	SB-68	SB-68	SB-69	SB-69	SB-69
Sample Name					SB-168-2-4	SB-68-6-8	SB-68-13.5-14.5	SB-69-0-2	SB-69-2-4	SB-69-6-8
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	13.5 - 14.5 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft
Sample Date					1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 0.8 UJ	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	< 0.8 UJ	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	0.088 J	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	1.1 J	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	0.38 J	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	2.5 J+	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	0.02 J	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	0.073 J	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	0.034 J+	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	0.045 J	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	0.03 J	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	0.12 J	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	0.019 J	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	< 0.2 UJ	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	0.16 J	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	0.11 J	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	6.3	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	0.14 J	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	< 0.2 U	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	0.054 J	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	0.024 J	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	0.027 J	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	0.12 J	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	11	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
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U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-69	SB-69	SB-70	SB-70	SB-70	SB-70
Sample Name					SB-69-10-12	SB-169-10-12	SB-70-0-2	SB-170-0-2	SB-70-2-4	SB-70-6-8
Sample Depth Interval (ft bgs)					10 - 12 ft	10 - 12 ft	0 - 2 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft
Sample Date					1/13/2023	1/13/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Analyte	Unit	Criteria				Field Duplicate		Field Duplicate		
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				< 0.8 U	< 0.8 U	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 0.8 U	< 0.8 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				< 0.2 U	< 0.2 UJ	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				< 2 U	< 2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				< 2 U	< 2 U	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 0.8 U	< 0.8 U	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				< 0.2 UJ	< 0.2 UJ	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 UJ	< 0.2 UJ	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				< 0.2 U	0.036 J	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.058 J	0.062 J	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.03 J	0.033 J	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				< 0.4 U	< 0.4 U	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				< 0.2 U	< 0.2 U	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				0.088	0.13	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-70	SB-71	SB-71	SB-71	SB-71	SB-71
Sample Name					SB-70-9-10	SB-71-0-2	SB-71-2-4	SB-71-6-8	SB-71-10-12	SB-71-14.5-15
Sample Depth Interval (ft bgs)					9 - 10 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	14.5 - 15 ft
Sample Date					1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023	1/12/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	NA	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-72	SB-72	SB-72	SB-72	SB-73	SB-73
Sample Name					SB-72-0-2	SB-72-2-4	SB-72-6-8	SB-72-10-12	SB-73-0-2	SB-73-2-4
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023	1/13/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				< 0.79 UJ	NA	< 0.8 U	< 0.79 U	< 0.8 U	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 0.79 UJ	NA	< 0.8 U	< 0.79 U	< 0.8 UJ	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				R	NA	R	< 0.2 U	< 0.2 UJ	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				0.14 J	NA	< 0.2 U	< 0.2 U	< 0.2 U	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				1 J	NA	< 2 UJ	< 2 U	< 2 U	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.2 UJ	NA	< 0.2 UJ	< 0.2 U	< 0.2 UJ	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				0.048 J	NA	< 0.2 U	< 0.2 U	< 0.2 U	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				0.41 J	NA	< 2 U	< 2 U	< 2 U	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				< 0.2 U	NA	< 0.2 U	< 0.2 U	0.019 J	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 0.79 U	NA	< 0.8 U	< 0.79 U	< 0.8 U	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				0.077 J	NA	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	NA
Perfluorodecanoic acid (PFDA)	ug/kg				0.66	NA	< 0.2 U	< 0.2 U	0.06 J	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	< 0.2 U	< 0.2 U	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				0.34	NA	< 0.2 U	< 0.2 U	0.021 J	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				0.2	NA	< 0.2 U	< 0.2 U	< 0.2 U	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.32	NA	< 0.2 U	< 0.2 U	0.025 J	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.68	NA	0.051 J	< 0.2 U	0.062 J	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				0.45	NA	< 0.2 U	< 0.2 U	0.023 J	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 UJ	NA	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	NA
Perfluorononanoic acid (PFNA)	ug/kg				0.85	NA	0.028 J	< 0.2 U	0.11 J	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				0.13 J	NA	0.022 J	< 0.2 U	< 0.2 U	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	29	NA	0.31	0.073 J	3.7	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.83	NA	0.07 J	0.029 J	0.065 J	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				0.028 J	NA	< 0.2 U	< 0.2 U	< 0.2 U	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				0.57	NA	< 0.4 U	< 0.4 U	0.045 J	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				0.16 J	NA	< 0.2 U	< 0.2 U	< 0.2 U	NA
Perfluorotridecanoic acid (PFTrA/PFTrDA)	ug/kg				0.27	NA	< 0.2 U	< 0.2 U	< 0.2 U	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				0.71	NA	< 0.2 U	< 0.2 U	0.027 J	NA
PFAS, TOTAL	ug/kg				37	NA	0.48	0.10	4.2	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

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B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-74	SB-74	SB-75	SB-75	SB-75	SB-75
Sample Name					SB-74-0-2	SB-74-3.2-4	SB-75-0-2	SB-75-2-4	SB-75-6-8	SB-75-8-10
Sample Depth Interval (ft bgs)					0 - 2 ft	3.2 - 4 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	8 - 10 ft
Sample Date					1/4/2023	1/4/2023	12/20/2022	12/20/2022	12/20/2022	12/20/2022
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				< 1 UJ	NA	0.13 J+	NA	< 1 U	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				0.085 J	NA	< 1 U	NA	< 1 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				1.1 J	NA	0.2 J	NA	< 0.2 UJ	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				5.5 J	NA	0.58	NA	0.05 J+	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				1.1 J	NA	2 J	NA	< 2 U	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				0.2 J	NA	< 0.31 UJ	NA	< 0.2 UJ	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				1.3 J	NA	0.14 J	NA	< 0.2 U	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				0.23 J	NA	0.43 J	NA	< 2 U	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				0.02 J	NA	0.031 J	NA	< 0.2 U	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 1 U	NA	0.39 J	NA	0.61 J+	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				< 0.2 U	NA	0.27 J	NA	< 0.2 U	NA
Perfluorodecanoic acid (PFDA)	ug/kg				0.15 J	NA	0.65	NA	< 0.2 U	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	< 0.31 U	NA	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				0.13 J	NA	0.48	NA	< 0.2 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				< 0.2 U	NA	0.22 J	NA	< 0.2 U	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.033 J	NA	0.37	NA	< 0.2 U	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.4	NA	0.52	NA	0.026 J	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				< 0.2 U	NA	0.47	NA	< 0.2 U	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 U	NA	0.049 J	NA	< 0.2 U	NA
Perfluorononanoic acid (PFNA)	ug/kg				0.32	NA	0.54	NA	< 0.2 U	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				1.4	NA	0.4 J	NA	< 0.2 U	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	6.6 J	NA	36	NA	0.17 J	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.76	NA	1.3	NA	0.042 J	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				< 0.2 U	NA	0.038 J	NA	< 0.2 U	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				< 0.4 U	NA	0.51 J	NA	0.028 J	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				0.036 J	NA	0.21 J	NA	< 0.2 U	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				0.056 J	NA	0.23 J	NA	< 0.2 U	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				0.18 J	NA	0.74	NA	< 0.2 U	NA
PFAS, TOTAL	ug/kg				20	NA	47	NA	0.93	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-76	SB-76	SB-77	SB-77	SB-77	SB-77
Sample Name					SB-76-0-2	SB-76-3-4	SB-77-0-2	SB-77-2-4	SB-77-6-8	SB-77-10-12
Sample Depth Interval (ft bgs)					0 - 2 ft	3 - 4 ft	0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft
Sample Date					1/4/2023	1/4/2023	1/4/2023	1/4/2023	1/4/2023	1/4/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				< 1 UJ	NA	< 1 UJ	NA	NA	< 1 U
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 1 UJ	NA	< 1 UJ	NA	NA	< 1 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				< 0.2 UJ	NA	< 0.2 UJ	NA	NA	< 0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				0.29 J	NA	0.25 J	NA	NA	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				0.55 J	NA	0.45 J	NA	NA	< 2 UJ
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.2 UJ	NA	< 0.2 UJ	NA	NA	< 0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				0.08 J	NA	< 0.2 UJ	NA	NA	0.048 J
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				0.12 J	NA	0.12 J	NA	NA	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg				0.032 J	NA	0.028 J	NA	NA	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg				< 1 U	NA	< 1 U	NA	NA	< 1 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg				< 0.2 U	NA	0.069 J	NA	NA	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg				0.18 J	NA	0.072 J	NA	NA	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	< 0.2 U	NA	NA	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg				0.088 J	NA	0.18 J	NA	NA	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				0.26	NA	< 0.2 U	NA	NA	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.045 J	NA	0.059 J	NA	NA	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.91	NA	0.12 J	NA	NA	0.029 J
Perfluorohexanoic acid (PFHxA)	ug/kg				0.07 J	NA	0.048 J	NA	NA	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 U	NA	< 0.2 U	NA	NA	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg				0.27	NA	0.067 J	NA	NA	< 0.2 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg				0.27	NA	0.09 J	NA	NA	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	26 J	NA	3.2 J	NA	NA	0.27 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.49	NA	0.12 J	NA	NA	0.03 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				0.092 J	NA	< 0.2 U	NA	NA	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg				< 0.4 U	NA	< 0.4 U	NA	NA	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				0.037 J	NA	0.098 J	NA	NA	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				0.049 J	NA	0.13 J	NA	NA	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg				0.22	NA	0.31	NA	NA	< 0.2 U
PFAS, TOTAL	ug/kg				30	NA	5.4	NA	NA	0.38

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
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Bold	Analyte was detected
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-78	SB-78	SB-78	SB-78	SB-78	SB-78
Sample Name					SB-78-0-2	SB-78-2-4	SB-78-6-8	SB-78-10-12	SB-78-12-14	SB-78-18.5-19
Sample Depth Interval (ft bgs)					0 - 2 ft	2 - 4 ft	6 - 8 ft	10 - 12 ft	12 - 14 ft	18.5 - 19 ft
Sample Date					1/10/2023	1/10/2023	1/10/2023	1/10/2023	1/10/2023	1/10/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				0.15 J	NA	NA	< 8 U	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				0.051 J	NA	NA	< 8 U	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				0.076 J	NA	NA	< 2 UJ	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				0.33 J	NA	NA	< 2 U	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				1.9 J	NA	NA	1.7 J	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.2 UJ	NA	NA	< 2 UJ	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				0.065 J	NA	NA	< 2 U	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				0.45 J	NA	NA	1.1 J	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				0.027 J	NA	NA	< 2 U	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				1.1 J+	NA	NA	3.3 J+	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				0.11 J	NA	NA	< 2 U	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				0.31	NA	NA	0.33 J	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	NA	< 2 U	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				0.19 J	NA	NA	< 2 U	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				0.13 J	NA	NA	< 2 U	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.24	NA	NA	< 2 U	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.38	NA	NA	< 2 U	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				0.36	NA	NA	0.57 J	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 U	NA	NA	< 2 U	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				0.33	NA	NA	0.27 J	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				0.21	NA	NA	< 2 U	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	25	NA	NA	0.69 J	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.59	NA	NA	0.34 J	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				0.026 J	NA	NA	< 2 U	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				0.42	NA	NA	0.9 J	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				0.09 J	NA	NA	0.14 J	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				0.13 J	NA	NA	< 2 U	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				0.34	NA	NA	0.18 J	NA	NA
PFAS, TOTAL	ug/kg				33	NA	NA	9.5	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-78	SB-79	SB-79	SB-79	SB-79	SB-79
Sample Name					SB-78-20-22	SB-79-0-2	SB-79-0-2	SB-79-2-4	SB-229-2-4	SB-79-6-8
Sample Depth Interval (ft bgs)					20 - 22 ft	0 - 2 ft	0 - 2 ft	2 - 4 ft	2 - 4 ft	6 - 8 ft
Sample Date					1/10/2023	1/5/2023	1/13/2023	1/5/2023	1/5/2023	1/5/2023
Analyte	Unit	Criteria							Field Duplicate	
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				0.21 J	NA	0.083 J	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 0.8 U	NA	< 0.79 UJ	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				< 0.2 U	NA	0.061 J	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				0.064 J	NA	0.3	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				< 2 U	NA	2.4 J	NA	NA	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.2 U	NA	< 0.2 UJ	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				< 0.2 U	NA	0.05 J	NA	NA	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				< 2 U	NA	0.52 J	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				< 0.2 U	NA	0.038 J	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ug/kg				< 0.8 U	NA	3.2 J+	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				< 0.2 U	NA	0.1 J	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg				< 0.2 U	NA	0.42	NA	NA	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	< 0.2 U	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg				< 0.2 U	NA	0.22	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				< 0.2 U	NA	0.2 J	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				< 0.2 U	NA	0.32	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.035 J	NA	0.66	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				0.013 J	NA	0.49	NA	NA	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 U	NA	< 0.2 UJ	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg				< 0.2 U	NA	0.63	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				< 0.2 U	NA	0.18 J	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.041 J	NA	33	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.1 J	NA	1.5	NA	NA	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				< 0.2 U	NA	0.07 J	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				< 0.4 U	NA	0.58	NA	NA	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				< 0.2 U	NA	0.12 J	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				< 0.2 U	NA	0.18 J	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				< 0.2 U	NA	0.46	NA	NA	NA
PFAS, TOTAL	ug/kg				0.46	NA	46	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-79	SB-79	SB-79	SB-79	SB-80	SB-80
Sample Name					SB-79-10-12	SB-79-12-14	SB-79-16-18	SB-79-18.5-20	SB-80-0-2	SB-80-2-4
Sample Depth Interval (ft bgs)					10 - 12 ft	12 - 14 ft	16 - 18 ft	18.5 - 20 ft	0 - 2 ft	2 - 4 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/5/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	NA
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	NA	NA	NA	< 1 UJ	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	NA	NA	NA	R	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	NA	NA	NA	0.28	NA
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	NA	NA	NA	2.6 J	NA
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	NA	NA	NA	R	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	NA	NA	NA	0.071 J	NA
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	NA	NA	NA	1.2 J	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	NA	NA	NA	0.023 J	NA
Perfluorobutanoic acid (PFBA)	ug/kg				NA	NA	NA	NA	< 1 U	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	NA	NA	NA	0.12 J	NA
Perfluorodecanoic acid (PFDA)	ug/kg				NA	NA	NA	NA	0.61	NA
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	NA	NA	NA	0.035 J	NA
Perfluorododecanoic acid (PFDaA)	ug/kg				NA	NA	NA	NA	0.22	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	NA	NA	NA	0.22 J	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	NA	NA	NA	0.31	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	NA	NA	NA	0.33	NA
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	NA	NA	NA	0.32	NA
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	NA	NA	NA	< 0.2 UJ	NA
Perfluorononanoic acid (PFNA)	ug/kg				NA	NA	NA	NA	0.75	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	NA	NA	NA	0.34	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA	75 J	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA	1.2	NA
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	NA	NA	NA	< 0.2 U	NA
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	NA	NA	NA	0.35 J	NA
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	NA	NA	NA	0.14 J	NA
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	NA	NA	NA	0.29	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	NA	NA	NA	0.79	NA
PFAS, TOTAL	ug/kg				NA	NA	NA	NA	85	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-80	SB-80	SB-80	SB-80	SB-81	SB-81
Sample Name					SB-80-6-8	SB-80-10-12	SB-80-12-14	SB-80-16.5-18	SB-81-0-0.5	SB-81-1.0-1.5
Sample Depth Interval (ft bgs)					6 - 8 ft	10 - 12 ft	12 - 14 ft	16.5 - 18 ft	0 - 0.5 ft	1 - 1.5 ft
Sample Date					1/5/2023	1/5/2023	1/5/2023	1/5/2023	1/3/2023	1/3/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				< 1 UJ	NA	< 1 UJ	NA	NA	< 1 UJ
13C2-8:2 Fluorotelomer sulfonate	ug/kg				0.11 J	NA	0.19 J	NA	NA	< 1 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				0.71 J	NA	0.95 J	NA	NA	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				4.6 J	NA	10	NA	NA	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				39 J	NA	22 J	NA	NA	< 2 UJ
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				0.21 J	NA	0.26 J	NA	NA	< 0.2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				1.6	NA	1.1	NA	NA	< 0.2 UJ
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				8.3 J	NA	5.9 J	NA	NA	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg				0.033 J	NA	0.086 J	NA	NA	0.019 J
Perfluorobutanoic acid (PFBA)	ug/kg				< 1 U	NA	< 1 U	NA	NA	< 1 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg				0.038 J	NA	0.068 J	NA	NA	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg				0.068 J	NA	0.15 J	NA	NA	0.18 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	< 0.2 U	NA	NA	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg				0.068 J	NA	0.17 J	NA	NA	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				0.066 J	NA	0.17 J	NA	NA	0.092 J
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.099 J	NA	0.075 J	NA	NA	0.085 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.68	NA	0.53	NA	NA	0.14 J
Perfluorohexanoic acid (PFHxA)	ug/kg				0.08 J	NA	0.11 J	NA	NA	0.054 J
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 U	NA	< 0.2 U	NA	NA	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg				0.2	NA	0.17 J	NA	NA	0.23
Perfluorooctane sulfonamide (PFOSA)	ug/kg				0.68 J	NA	1.4 J	NA	NA	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	3.9	NA	13	NA	NA	8
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.68	NA	0.92	NA	NA	0.57
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				< 0.2 U	NA	< 0.2 U	NA	NA	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg				< 0.4 U	NA	< 0.4 U	NA	NA	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				0.053 J	NA	0.088 J	NA	NA	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				0.032 J	NA	0.069 J	NA	NA	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg				0.056 J	NA	0.13 J	NA	NA	0.031 J
PFAS, TOTAL	ug/kg				61	NA	58	NA	NA	9.4

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Definitions:

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-82	SB-82	SB-83	SB-83	SB-83	SB-84
Sample Name					SB-82-0-2	SB-82-3.5-4.0	SB-83-0-2	SB-83-2.4	SB-83-7-7.5	SB-84-0-2
Sample Depth Interval (ft bgs)					0 - 2 ft	3.5 - 4 ft	0 - 2 ft	2 - 4 ft	7 - 7.5 ft	0 - 2 ft
Sample Date					1/10/2023	1/10/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				0.19 J	NA	NA	NA	NA	0.24 J
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 0.8 UJ	NA	NA	NA	NA	< 0.8 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				< 0.2 U	NA	NA	NA	NA	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				0.1 J	NA	NA	NA	NA	0.33 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				0.29 J	NA	NA	NA	NA	1.8 J
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.2 U	NA	NA	NA	NA	< 0.2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				< 0.2 U	NA	NA	NA	NA	0.14 J
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				< 2 U	NA	NA	NA	NA	0.77 J
Perfluorobutanesulfonic acid (PFBS)	ug/kg				0.021 J	NA	NA	NA	NA	0.048 J
Perfluorobutanoic acid (PFBA)	ug/kg				< 0.8 U	NA	NA	NA	NA	< 0.8 UJ
Perfluorodecanesulfonic acid (PFDS)	ug/kg				0.022 J	NA	NA	NA	NA	0.11 J
Perfluorodecanoic acid (PFDA)	ug/kg				0.039 J	NA	NA	NA	NA	0.6 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U	NA	NA	NA	NA	< 0.2 UJ
Perfluorododecanoic acid (PFDoA)	ug/kg				0.026 J	NA	NA	NA	NA	0.27 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				0.023 J	NA	NA	NA	NA	0.53 J
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.023 J	NA	NA	NA	NA	0.3 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				0.25	NA	NA	NA	NA	0.7 J
Perfluorohexanoic acid (PFHxA)	ug/kg				0.051 J	NA	NA	NA	NA	0.33 J
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 U	NA	NA	NA	NA	< 0.2 UJ
Perfluorononanoic acid (PFNA)	ug/kg				0.04 J	NA	NA	NA	NA	0.69 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg				0.074 J	NA	NA	NA	NA	1.6 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	4.1	NA	NA	NA	NA	70 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.092 J	NA	NA	NA	NA	1.9 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				< 0.2 U	NA	NA	NA	NA	0.084 J
Perfluoropentanoic acid (PFPeA)	ug/kg				0.04 J	NA	NA	NA	NA	0.22 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				0.016 J	NA	NA	NA	NA	0.12 J
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				< 0.2 U	NA	NA	NA	NA	0.11 J
Perfluoroundecanoic acid (PFUnA)	ug/kg				0.092 J	NA	NA	NA	NA	0.26 J
PFAS, TOTAL	ug/kg				5.5	NA	NA	NA	NA	81

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location					SB-84	SB-84	SB-84	SB-85	SB-85	SB-86
Sample Name					SB-84-2-4	SB-84-6-8	SB-84-9-10	SB-85-0-2	SB-85-3-4	SB-86-0-2
Sample Depth Interval (ft bgs)					2 - 4 ft	6 - 8 ft	9 - 10 ft	0 - 2 ft	3 - 4 ft	0 - 2 ft
Sample Date					1/11/2023	1/11/2023	1/11/2023	1/11/2023	1/11/2023	5/16/2023
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Per- and Polyfluoroalkyl Substances (PFAS)										
13C2-6:2 Fluorotelomer sulfonate	ug/kg				NA	< 0.68 U	NA	NA	NA	0.74 J
13C2-8:2 Fluorotelomer sulfonate	ug/kg				NA	< 0.68 U	NA	NA	NA	< 0.79 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				NA	< 0.17 UJ	NA	NA	NA	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				NA	< 0.17 UJ	NA	NA	NA	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				NA	< 1.7 U	NA	NA	NA	< 2 UJ
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				NA	< 0.17 UJ	NA	NA	NA	< 0.2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				NA	< 0.17 U	NA	NA	NA	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				NA	< 1.7 U	NA	NA	NA	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg				NA	< 0.17 U	NA	NA	NA	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg				NA	< 0.68 U	NA	NA	NA	0.21 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg				NA	< 0.17 U	NA	NA	NA	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg				NA	< 0.17 U	NA	NA	NA	0.11 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				NA	< 0.17 UJ	NA	NA	NA	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg				NA	< 0.17 U	NA	NA	NA	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				NA	< 0.17 U	NA	NA	NA	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg				NA	< 0.17 U	NA	NA	NA	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				NA	< 0.17 U	NA	NA	NA	0.047 J
Perfluorohexanoic acid (PFHxA)	ug/kg				NA	< 0.17 U	NA	NA	NA	0.023 J
Perfluorononanesulfonic acid (PFNS)	ug/kg				NA	< 0.17 U	NA	NA	NA	0.2
Perfluorononanoic acid (PFNA)	ug/kg				NA	< 0.17 U	NA	NA	NA	0.26
Perfluorooctane sulfonamide (PFOSA)	ug/kg				NA	< 0.17 U	NA	NA	NA	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	0.068 J	NA	NA	NA	1.7
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	0.028 J	NA	NA	NA	0.097 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				NA	< 0.17 U	NA	NA	NA	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg				NA	< 0.34 U	NA	NA	NA	< 0.39 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				NA	< 0.17 U	NA	NA	NA	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg				NA	< 0.17 U	NA	NA	NA	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg				NA	< 0.17 U	NA	NA	NA	0.039 J
PFAS, TOTAL	ug/kg				NA	0.096	NA	NA	NA	3.4

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

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- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Definitions:

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Table 5-1B
Summary of Detected PFAS Compounds in Soil Located in ASR Waste
Remedial Investigation
Fortino Tire Site



Location				SB-86	
Sample Name				SB-86-2.5-4.0	
Sample Depth Interval (ft bgs)				2.5 - 4 ft	
Sample Date				5/16/2023	
Analyte	Unit	Criteria			
		(1)	(2)	(3)	
Per- and Polyfluoroalkyl Substances (PFAS)					
13C2-6:2 Fluorotelomer sulfonate	ug/kg				< 0.79 U
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 0.79 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg				< 0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg				< 2 U
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ug/kg				< 0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg				< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg				< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg				0.2 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg				< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg				< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg				< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg				< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg				< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				< 0.2 U
Perfluorohexanoic acid (PFHxA)	ug/kg				< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg				< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg				0.073 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg				< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.2
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.04 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg				< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg				< 0.39 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg				< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg				< 0.2 U
PFAS, TOTAL	ug/kg				0.51

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

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- (3) Residential Use Guidance Values

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Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

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Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					BACKGR 01	BACKGR 02	BACKGR 02	BACKGR 03	SB-01
Sample Name					Background - 01	Background - 02	Background - DUP	Background - 03	SB 01-0506
Sample Date					5/17/2021	5/17/2021	5/17/2021	5/17/2021	11/21/2019
Sample Depth Interval (ft bgs)					0 - 0 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	5 - 6 ft
Analyte	Unit	Criteria					Field Duplicate		
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	0.017 J
Benzene	mg/kg	0.06	0.06	1.2	NA	NA	NA	NA	< 0.0065 U
Chloroform	mg/kg	0.37	0.37	4.8	NA	NA	NA	NA	< 0.0065 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	NA	< 0.032 U
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	NA	< 0.013 U
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	< 0.0065 U
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	< 0.22 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	< 0.22 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 0.22 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 0.43 U
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	< 0.22 U
Acenaphthylene	mg/kg	365	100	100	NA	NA	NA	NA	< 0.22 U
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	< 0.22 U
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	< 0.22 U
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	< 0.22 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	< 0.22 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	< 0.22 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	< 0.22 U
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	< 0.22 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	< 0.22 U
Caprolactam	mg/kg	-	-	-	NA	NA	NA	NA	< 0.22 U
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	< 0.22 U
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	< 0.22 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	< 0.22 U
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	< 0.22 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	< 0.22 U
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	< 0.22 U
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	< 0.22 U
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	< 0.22 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	< 0.22 U
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	< 0.22 U
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	< 0.22 U
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	< 0.22 U
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	< 0.22 U
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	NA	< 0.0021 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	< 0.0021 U
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	NA	< 0.0021 U
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	NA	< 0.0021 U
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	NA	< 0.0021 U
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	NA	< 0.0021 U
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	< 0.0021 U
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	NA	< 0.0021 U
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	NA	< 0.0021 U
Endrin	mg/kg	0.06	0.014	1.2	NA	NA	NA	NA	< 0.0021 U
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0021 U
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0021 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	< 0.0021 U
gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	< 0.0021 U
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	< 0.0021 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	NA	NA	NA	NA	< 0.0021 U
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	< 0.0021 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	NA	NA	NA	NA	< 0.29 U
PCBs (total)	mg/kg	3.2	0.1	1	NA	NA	NA	NA	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					BACKGR 01	BACKGR 02	BACKGR 02	BACKGR 03	SB-01
Sample Name					Background - 01	Background - 02	Background - DUP	Background - 03	SB 01-0506
Sample Date					5/17/2021	5/17/2021	5/17/2021	5/17/2021	11/21/2019
Sample Depth Interval (ft bgs)					0 - 0 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft	5 - 6 ft
Analyte	Unit	Criteria					Field Duplicate		
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	14000	3930	3430	11000	2740 J-
Antimony	mg/kg	-	12	-	< 20 U	< 22 U	< 20 U	< 30 U	< 20 U
Arsenic	mg/kg	16	13	16	2.1 J	0.83 J	0.93 J	2.5 J	1.6 J
Barium	mg/kg	820	410	410	39 J	45.1	36.3	53.1	21.3 J+
Beryllium	mg/kg	47	4.4	8.8	< 0.26 U	< 0.29 U	< 0.27 U	< 0.40 U	0.1 J
Cadmium	mg/kg	7.5	2.5	2.5	0.08 J	0.1 J	0.068 J	0.17 J	< 0.26 U
Calcium	mg/kg	-	10000	-	2440	1750 B	1350 B	417 B	4430 B
Chromium (total)	mg/kg	19	1	1	12.6	3.6	3.3	10.2	3.9
Cobalt	mg/kg	-	20	30	2	0.76	0.75	0.74 J	1.6 J-
Copper	mg/kg	1720	50	280	2.7	1.4	1.7	1.7 J	2.9 B
Iron	mg/kg	-	2000	2000	10500	2040	1950	3670	4700 J+
Lead	mg/kg	450	63	400	6.9	7.8	6	28.7	0.9 J-
Magnesium	mg/kg	-	-	-	1440	712	654	996	2370
Manganese	mg/kg	2000	1600	2000	56.2 J	35.2 B	30 B	14.8 B	122 B
Mercury	mg/kg	0.73	0.18	0.3	0.085	0.032	0.026	0.14	< 0.023 U
Nickel	mg/kg	130	30	87	5.1 J	2.1 J	2.1 J	2.7 J	3.7 J
Potassium	mg/kg	-	-	-	902	357 B	315 J+	1130 B	802
Selenium	mg/kg	4	3.9	22	1.3 J	< 6 U	< 5 U	0.82 J	< 5 U
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ
Sodium	mg/kg	-	-	-	< 183 U	< 200 U	< 187 U	< 277 U	47.7 J
Thallium	mg/kg	-	-	-	< 8 U	< 9 U	< 8 U	< 12 U	< 8 U
Vanadium	mg/kg	-	39	100	20.7	5.8	5.1	18.1	6.1
Zinc	mq/kg	2480	109	1300	27.4 J	8.5	7.1	15.7	8 J-

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-01	SB-02	SB-02	SB-03	SB-03
Sample Name					SB 01-1920	SB 02- 0506	SB 02- 1920	SB 03-0506	SB 03-1920
Sample Date					11/21/2019	11/21/2019	11/21/2019	11/21/2019	11/21/2019
Sample Depth Interval (ft bgs)					19 - 20 ft	5 - 6 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	0.012 J	0.023 J	0.015 J	0.016 J	0.012 J
Benzene	mg/kg	0.06	0.06	1.2	< 0.0058 U	< 0.0063 U	< 0.0060 U	< 0.0062 U	0.00059 J
Chloroform	mg/kg	0.37	0.37	4.8	< 0.0058 U	< 0.0063 U	< 0.0060 U	< 0.0062 U	< 0.0064 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.029 U	< 0.031 U	< 0.030 U	< 0.031 U	< 0.032 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0058 U	< 0.0063 U	< 0.012 U	< 0.0062 U	< 0.0064 U
Toluene	mg/kg	0.7	0.7	100	< 0.0058 U	< 0.0063 U	< 0.0060 U	< 0.0062 U	< 0.0064 U
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.39 U	< 0.41 U	< 0.39 U	< 0.41 U	< 0.42 U
Acenaphthene	mg/kg	98	20	100	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Acenaphthylene	mg/kg	365	100	100	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Anthracene	mg/kg	1000	100	100	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.20 U	< 0.21 U	0.16 J	< 0.21 U	< 0.22 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.20 U	0.11 J	0.5	0.076 J	< 0.22 U
Caprolactam	mg/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Carbazole	mg/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Chrysene	mg/kg	1	1	1.2	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.20 U	< 0.21 U	0.065 J	< 0.21 U	< 0.22 U
Fluoranthene	mg/kg	1000	85	100	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Fluorene	mg/kg	386	30	100	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Naphthalene	mg/kg	12	12	84	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Phenol	mg/kg	0.33	0.33	100	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Pyrene	mg/kg	1000	64	100	< 0.20 U	< 0.21 U	< 0.20 U	< 0.21 U	< 0.22 U
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0020 U	0.00091 J	0.012 J	0.0029 NJ	0.0011 J
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0020 U	< 0.0021 U	0.0065 NJ	< 0.0021 U	< 0.0021 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
Endrin aldehyde	mg/kg	-	-	-	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
Endrin ketone	mg/kg	-	-	-	< 0.0020 U	< 0.0021 U	< 0.0020 U	0.033 J	< 0.0021 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0020 U	< 0.0021 U	0.0042 J	< 0.0021 U	< 0.0021 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0020 U	< 0.0021 U	0.0062 J	< 0.0021 U	< 0.0021 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0020 U	< 0.0021 U	0.0074 NJ	< 0.0021 U	< 0.0021 U
Methoxychlor	mg/kg	900	1.2	100	< 0.0020 U	< 0.0021 U	< 0.0020 U	< 0.0021 U	< 0.0021 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.25 U	< 0.24 U	0.17 J	< 0.22 U	< 0.24 U
PCBs (total)	mg/kg	3.2	0.1	1	ND	ND	0.17	ND	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-01	SB-02	SB-02	SB-03	SB-03
Sample Name					SB 01-1920	SB 02- 0506	SB 02- 1920	SB 03-0506	SB 03-1920
Sample Date					11/21/2019	11/21/2019	11/21/2019	11/21/2019	11/21/2019
Sample Depth Interval (ft bgs)					19 - 20 ft	5 - 6 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	1340 J-	2770 J-	2490 J-	4040 J-	3620 J-
Antimony	mg/kg	-	12	-	< 17 U	< 18 U	< 17 U	< 18 U	< 18 U
Arsenic	mg/kg	16	13	16	0.53 J	1.6 J	0.69 J	1.2 J	0.94 J
Barium	mg/kg	820	410	410	13.5 J+	21.2 J+	43.4 J+	35.7 J+	24.4 J+
Beryllium	mg/kg	47	4.4	8.8	0.055 J	0.11 J	0.094 J	0.16 J	0.15 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.23 U	< 0.24 U	0.26 J+	< 0.24 U	< 0.25 U
Calcium	mg/kg	-	10000	-	3390 B	5800 B	5190 B	10400 B	10700 B
Chromium (total)	mg/kg	19	1	1	2.7	3.3	10.9	5.3	4.5
Cobalt	mg/kg	-	20	30	0.71 J-	1.8 J-	1.5 J-	2.4	2.1
Copper	mg/kg	1720	50	280	1.7 B	3.4 B	25.4 B	4.9 B	6.7 B
Iron	mg/kg	-	2000	2000	2680 J+	4720 J+	5860 J+	7030 J+	6150 J+
Lead	mg/kg	450	63	400	0.58 J-	1 J-	22.3 J-	2.1 J-	1.9 J-
Magnesium	mg/kg	-	-	-	1320	3060	2080	5450	4760
Manganese	mg/kg	2000	1600	2000	65.9 B	277 B	164 B	284 B	242 B
Mercury	mg/kg	0.73	0.18	0.3	< 0.023 U	< 0.024 U	0.032	< 0.025 U	< 0.024 U
Nickel	mg/kg	130	30	87	1.8 J	3.8 J	7	5.6 J	4.9 J
Potassium	mg/kg	-	-	-	408	790	636	1210	1040
Selenium	mg/kg	4	3.9	22	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U
Silver	mg/kg	8.3	2	22	< 1 UJ	< 1 UJ	< 1 UJ	< 1 U	< 1 U
Sodium	mg/kg	-	-	-	24.4 J	49 J	55.5 J	93.8 J	95.5 J
Thallium	mg/kg	-	-	-	< 7 U	< 7 U	< 7 U	< 7 U	< 7 U
Vanadium	mg/kg	-	39	100	3.5	5.8	5.6	9.3	8.4
Zinc	mg/kg	2480	109	1300	3.5 J-	8.2 J-	61.5 J-	12.5 J-	11.6 J-

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-04	SB-04	SB-05	SB-05	SB-06
Sample Name					SB 04 -0103	SB 04-1920	SB-05-0506	SB-05-1920	SB-06-0103
Sample Date					11/21/2019	11/21/2019	11/22/2019	11/22/2019	11/22/2019
Sample Depth Interval (ft bgs)					1 - 3 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft	1 - 3 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	< 0.039 U	0.013 J	< 0.027 U	< 0.026 U	0.05 J
Benzene	mg/kg	0.06	0.06	1.2	< 0.0077 U	< 0.0056 U	< 0.0053 U	< 0.0053 U	< 0.0067 U
Chloroform	mg/kg	0.37	0.37	4.8	< 0.0077 U	< 0.0056 U	< 0.0053 U	< 0.0053 U	< 0.0067 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.039 U	< 0.028 U	< 0.027 U	< 0.026 U	0.0093 J
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0077 U	< 0.0056 U	< 0.0106 U	< 0.0106 U	< 0.0134 U
Toluene	mg/kg	0.7	0.7	100	< 0.0077 U	< 0.0056 U	< 0.0053 U	< 0.0053 U	< 0.0067 U
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 150 U	< 0.37 U	< 0.36 U	< 0.36 U	< 0.45 U
Acenaphthene	mg/kg	98	20	100	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Acenaphthylene	mg/kg	365	100	100	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Anthracene	mg/kg	1000	100	100	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Benz(a)anthracene	mg/kg	1	1	1	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Benzo(a)pyrene	mg/kg	22	1	1	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Benzyl butyl phthalate	mg/kg	122	100	100	18 J	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	360	0.35	< 0.19 U	0.17 J	< 0.23 U
Caprolactam	mg/kg	-	-	-	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Carbazole	mg/kg	-	-	-	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Chrysene	mg/kg	1	1	1.2	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 78 U	< 0.19 U	0.05 J	0.067 J	< 0.23 U
Di-n-octyl phthalate	mg/kg	120	100	100	50 J	0.06 J	< 0.19 U	< 0.18 U	< 0.23 U
Fluoranthene	mg/kg	1000	85	100	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Fluorene	mg/kg	386	30	100	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Naphthalene	mg/kg	12	12	84	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Phenol	mg/kg	0.33	0.33	100	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Pyrene	mg/kg	1000	64	100	< 78 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.23 U
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.33 J	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
4,4'-DDT	mg/kg	135	0.0033	0.78	1.5 J	0.00069 J	< 0.0018 U	< 0.0018 U	< 0.0023 U
alpha-BHC	mg/kg	0.02	0.02	0.042	0.043 J	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
Endosulfan I	mg/kg	65	4.3	8.4	0.088 J	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
Endosulfan II	mg/kg	44	4.3	8.4	1 NJ	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
Endrin aldehyde	mg/kg	-	-	-	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
Endrin ketone	mg/kg	-	-	-	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
Heptachlor	mg/kg	0.38	0.013	0.12	0.2 J	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
Methoxychlor	mg/kg	900	1.2	100	< 0.13 U	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0023 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	15	< 0.23 U	< 0.23 U	< 0.25 U	< 0.27 U
PCBs (total)	mg/kg	3.2	0.1	1	15	ND	ND	ND	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-04	SB-04	SB-05	SB-05	SB-06
Sample Name					SB 04 -0103	SB 04-1920	SB-05-0506	SB-05-1920	SB-06-0103
Sample Date					11/21/2019	11/21/2019	11/22/2019	11/22/2019	11/22/2019
Sample Depth Interval (ft bgs)					1 - 3 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft	1 - 3 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	17300 J-	2730 J-	2940 J+	2620 J+	7390 J+
Antimony	mg/kg	-	12	-	51.6 J+	< 18 U	< 17 U	< 16 U	< 21 U
Arsenic	mg/kg	16	13	16	21.7 J	2 J-	1 J	0.85 J	1.3 J
Barium	mg/kg	820	410	410	1850 J+	17.8 J+	36.9	31.8	13.4
Beryllium	mg/kg	47	4.4	8.8	0.52	0.12 J	0.12 J	0.092 J	0.096 J
Cadmium	mg/kg	7.5	2.5	2.5	82.9 J-	< 0.24 U	< 0.22 U	< 0.22 U	0.095 J
Calcium	mg/kg	-	10000	-	27300	13800 B	2200	5420	1540
Chromium (total)	mg/kg	19	1	1	257	4.1	4.4	6.5	6.2
Cobalt	mg/kg	-	20	30	76.3 J-	2	1.8	1.7	1.3
Copper	mg/kg	1720	50	280	15200	5.3 B	4.1	6.7	6.3
Iron	mg/kg	-	2000	2000	178000	6920 B	5730	5350 J+	8000
Lead	mg/kg	450	63	400	3620 J+	2.6 J-	1 J	0.57 J	4.3
Magnesium	mg/kg	-	-	-	5570	3890	1500	2010	1080
Manganese	mg/kg	2000	1600	2000	1120	486 B	126 B	148 B	52.1 B
Mercury	mg/kg	0.73	0.18	0.3	6.4	< 0.022 U	< 0.023 U	< 0.021 U	0.058
Nickel	mg/kg	130	30	87	3340	5.3 J	4.6 J	4.2 J	4.3 J
Potassium	mg/kg	-	-	-	512	659	741	609	553
Selenium	mg/kg	4	3.9	22	15.7 J-	< 5 U	0.44 J-	< 4 UJ	1.1 J-
Silver	mg/kg	8.3	2	22	6.4	< 1 U	< 1 U	< 1 U	< 1 U
Sodium	mg/kg	-	-	-	301	42.2 J	32.6 J	35.3 J	47.1 J
Thallium	mg/kg	-	-	-	< 9 UJ	< 7 U	< 7 U	< 6 U	< 8 U
Vanadium	mg/kg	-	39	100	15.7	6.3	5.6	5.3	12.6
Zinc	mg/kg	2480	109	1300	15100 J-	11.5 J-	8.8	7.6	15.8 J-

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-06	SB-06	SB-07	SB-07	SB-08
Sample Name					SB-56-0103	SB-06-1920	SB-07-1213	SB-07-2930	SB-08-0.501
Sample Date					11/22/2019	11/22/2019	11/12/2019	11/12/2019	11/20/2019
Sample Depth Interval (ft bgs)					1 - 3 ft	19 - 20 ft	12 - 13 ft	29 - 30 ft	0.5 - 1 ft
Analyte	Unit	Criteria			Field Duplicate				
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	0.065 J	< 0.027 U	0.0072 J	0.0057 J	NA
Benzene	mg/kg	0.06	0.06	1.2	< 0.0064 U	< 0.0053 U	< 0.0055 U	< 0.0053 U	NA
Chloroform	mg/kg	0.37	0.37	4.8	< 0.0064 U	< 0.0053 U	< 0.0055 U	< 0.0053 U	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	0.01 J	< 0.027 U	< 0.027 U	< 0.026 U	NA
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0128 U	< 0.0106 U	< 0.011 U	< 0.0106 U	NA
Toluene	mg/kg	0.7	0.7	100	0.0006 J	< 0.0053 U	< 0.0055 U	< 0.0053 U	NA
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	110
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	400
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	28 J
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.43 U	< 0.35 U	< 0.36 U	< 0.35 U	67 J
Acenaphthene	mg/kg	98	20	100	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	860
Acenaphthylene	mg/kg	365	100	100	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	200
Anthracene	mg/kg	1000	100	100	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	1300
Benz(a)anthracene	mg/kg	1	1	1	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	1900
Benzo(a)pyrene	mg/kg	22	1	1	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	1500
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	1900
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	920
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	820
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	< 90 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	< 90 U
Caprolactam	mg/kg	-	-	-	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	< 90 U
Carbazole	mg/kg	-	-	-	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	730
Chrysene	mg/kg	1	1	1.2	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	1800
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	300
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	690
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	0.042 J	< 0.18 U	< 0.19 U	< 0.18 U	< 90 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	< 90 U
Fluoranthene	mg/kg	1000	85	100	< 0.22 U	< 0.18 U	< 0.19 U	0.019 J	4700 D
Fluorene	mg/kg	386	30	100	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	1000
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	850
Naphthalene	mg/kg	12	12	84	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	970
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	5100 D
Phenol	mg/kg	0.33	0.33	100	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	42 J
Pyrene	mg/kg	1000	64	100	< 0.22 U	< 0.18 U	< 0.19 U	< 0.18 U	3900 D
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0022 U	< 0.0018 U	0.00071 J	0.0007 J	0.04 J
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.035 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	0.12 J
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.035 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.035 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.035 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.035 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	0.012 J
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0022 U	< 0.0018 U	0.00049 J	< 0.0018 U	< 0.035 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	0.065 J
Endrin aldehyde	mg/kg	-	-	-	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.035 U
Endrin ketone	mg/kg	-	-	-	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	0.26 J
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.035 U
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	0.08 J
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.035 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	0.02 J
Methoxychlor	mg/kg	900	1.2	100	< 0.0022 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.035 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.33 U	< 0.19 U	< 0.27 U	< 0.24 U	0.53 J
PCBs (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	0.53

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-06	SB-06	SB-07	SB-07	SB-08
Sample Name					SB-56-0103	SB-06-1920	SB-07-1213	SB-07-2930	SB-08-0.501
Sample Date					11/22/2019	11/22/2019	11/12/2019	11/12/2019	11/20/2019
Sample Depth Interval (ft bgs)					1 - 3 ft	19 - 20 ft	12 - 13 ft	29 - 30 ft	0.5 - 1 ft
Analyte	Unit	Criteria			Field Duplicate				
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	7480 J+	3270 J+	3550	3080	3310 J-
Antimony	mg/kg	-	12	-	< 21 U	< 17 U	< 16 U	< 16 U	< 16 U
Arsenic	mg/kg	16	13	16	2 J	0.74 J	0.82 J	1.3 J	5.6 J+
Barium	mg/kg	820	410	410	15.2	55.2	60.4 J+	56.8 J+	632
Beryllium	mg/kg	47	4.4	8.8	0.11 J	0.12 J	0.12 J	0.12 J	0.21
Cadmium	mg/kg	7.5	2.5	2.5	0.13 J	< 0.23 U	< 0.22 U	< 0.21 U	0.98 J+
Calcium	mg/kg	-	10000	-	1490	6880	695 J+	6240 J+	114000 B
Chromium (total)	mg/kg	19	1	1	6.5	3.5	5.3	6.5	47.2
Cobalt	mg/kg	-	20	30	1.6	2	1.9	1.9	3.5 J-
Copper	mg/kg	1720	50	280	7.4	5.3	3.9	4.2	29.4 J-
Iron	mg/kg	-	2000	2000	8520	6200	5690	5410	6790 J+
Lead	mg/kg	450	63	400	5.1	0.6 J	0.72 J	0.74 J	74.9 J-
Magnesium	mg/kg	-	-	-	1210	2670	1010	2040	6860
Manganese	mg/kg	2000	1600	2000	61.3 B	175 B	228 B	144 B	267 B
Mercury	mg/kg	0.73	0.18	0.3	0.029	< 0.020 U	< 0.021 U	< 0.022 U	0.54
Nickel	mg/kg	130	30	87	5.2 J	3.8 J	4.7 J	4.3 J	23.9
Potassium	mg/kg	-	-	-	584	851	823	742	979
Selenium	mg/kg	4	3.9	22	0.57 J-	< 4 UJ	< 4 UJ	< 4 UJ	< 4 U
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ
Sodium	mg/kg	-	-	-	48.9 J	41.4 J	23.4 J	33.7 J	105 J
Thallium	mg/kg	-	-	-	< 8 U	< 7 U	< 7 U	< 6 U	< 6 UJ
Vanadium	mg/kg	-	39	100	13.5	7	5.7	5.5	10.9 J+
Zinc	mg/kg	2480	109	1300	18.9	8.2	8.5 J+	7.4 J+	163 J-

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-08	SB-08	SB-09	SB-09	SB-10
Sample Name					SB-08-0304	SB-08-1920	SB-09-0506	SB-09-1920	SB-10-2223
Sample Date					11/11/2019	11/11/2019	11/20/2019	11/20/2019	11/12/2019
Sample Depth Interval (ft bgs)					3 - 4 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft	22 - 23 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	< 4 U	0.0073 J	< 0.026 U	0.012 J	0.0087 J
Benzene	mg/kg	0.06	0.06	1.2	< 1 U	< 0.0055 U	< 0.0053 U	< 0.0054 U	< 0.0054 U
Chloroform	mg/kg	0.37	0.37	4.8	< 1 U	0.00048 J	< 0.0053 U	< 0.0054 U	< 0.0054 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 4 U	< 0.027 U	< 0.026 U	< 0.027 U	< 0.027 U
Methylene chloride	mg/kg	0.05	0.05	17	< 2 U	0.012	< 0.0053 U	< 0.0054 U	< 0.0108 U
Toluene	mg/kg	0.7	0.7	100	< 1 U	< 0.0055 U	< 0.0053 U	< 0.0054 U	< 0.0054 U
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	0.069 J	0.2	< 0.18 U	< 0.18 U	< 0.18 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	0.24	0.64	< 0.18 U	< 0.18 U	< 0.18 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	0.036 J	0.054 J	< 0.35 U	< 0.35 U	< 0.35 U
Acenaphthene	mg/kg	98	20	100	0.84	2.3	< 0.18 U	< 0.18 U	< 0.18 U
Acenaphthylene	mg/kg	365	100	100	0.22	0.22	< 0.18 U	< 0.18 U	< 0.18 U
Anthracene	mg/kg	1000	100	100	1.6	3.5	< 0.18 U	< 0.18 U	< 0.18 U
Benz(a)anthracene	mg/kg	1	1	1	3.5	4.8	< 0.18 U	< 0.18 U	0.034 J
Benzo(a)pyrene	mg/kg	22	1	1	2.9	3.7	< 0.18 U	< 0.18 U	< 0.18 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	3.6	4.1	< 0.18 U	< 0.18 U	0.035 J
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	2.2	2.6	< 0.18 U	< 0.18 U	0.019 J
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	1.5	2.3	< 0.18 U	< 0.18 U	< 0.18 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.18 U	0.089 J	< 0.18 U	< 0.18 U	< 0.18 U
Caprolactam	mg/kg	-	-	-	< 0.18 U	0.055 J	< 0.18 U	< 0.18 U	< 0.18 U
Carbazole	mg/kg	-	-	-	0.73	1.8	< 0.18 U	< 0.18 U	< 0.18 U
Chrysene	mg/kg	1	1	1.2	3.3	4.8	< 0.18 U	< 0.18 U	< 0.18 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	0.66	0.89	< 0.18 U	< 0.18 U	< 0.18 U
Dibenzofuran	mg/kg	110	2.1	4.2	0.58	1.6	< 0.18 U	< 0.18 U	< 0.18 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
Fluoranthene	mg/kg	1000	85	100	6.7 D	10 D	0.022 J	< 0.18 U	0.065 J
Fluorene	mg/kg	386	30	100	0.95	2.4	< 0.18 U	< 0.18 U	< 0.18 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	2	2.6	< 0.18 U	< 0.18 U	< 0.18 U
Naphthalene	mg/kg	12	12	84	0.44	1.3	< 0.18 U	0.034 J	< 0.18 U
Phenanthrene	mg/kg	1000	1.1	1.2	5.2	11 D	< 0.18 U	< 0.18 U	0.048 J
Phenol	mg/kg	0.33	0.33	100	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U	< 0.18 U
Pyrene	mg/kg	1000	64	100	5.3	8.4 D	< 0.18 U	< 0.18 U	0.053 J
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	0.0015 J	< 0.0090 U	< 0.0018 U	0.00065 J	0.0006 J
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
alpha-BHC	mg/kg	0.02	0.02	0.042	0.001 J	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
delta-BHC	mg/kg	0.1	0.04	100	0.0012 J	0.002 J	< 0.0018 U	< 0.0018 U	< 0.0018 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0035 U	< 0.0090 U	0.00056 J	< 0.0018 U	< 0.0018 U
Endrin aldehyde	mg/kg	-	-	-	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Endrin ketone	mg/kg	-	-	-	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0035 U	< 0.0090 U	< 0.0018 U	0.00039 J	< 0.0018 U
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0035 U	< 0.0090 U	0.0016 J	< 0.0018 U	< 0.0018 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Methoxychlor	mg/kg	900	1.2	100	< 0.0035 U	< 0.0090 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.23 U	< 0.19 U	< 0.21 U	< 0.18 U	< 0.20 U
PCBs (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-08	SB-08	SB-09	SB-09	SB-10
Sample Name					SB-08-0304	SB-08-1920	SB-09-0506	SB-09-1920	SB-10-2223
Sample Date					11/11/2019	11/11/2019	11/20/2019	11/20/2019	11/12/2019
Sample Depth Interval (ft bgs)					3 - 4 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft	22 - 23 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	4320	2600	3620 J-	3510 J-	2030
Antimony	mg/kg	-	12	-	< 17 U	< 17 U	< 17 U	< 16 U	< 16 U
Arsenic	mg/kg	16	13	16	1.1 J	0.69 J	1.2 J+	1.2 J+	1.6 J
Barium	mg/kg	820	410	410	20.6 J+	38.5 J+	43.9	42.1	23.3 J+
Beryllium	mg/kg	47	4.4	8.8	0.12 J	0.097 J	0.14 J	0.12 J	0.073 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.22 U	< 0.22 U	0.06 J	< 0.21 U	< 0.21 U
Calcium	mg/kg	-	10000	-	345 J+	6130 J+	641 B	7350 B	4700 J+
Chromium (total)	mg/kg	19	1	1	6.4	3	5.4	4.8	3
Cobalt	mg/kg	-	20	30	2.7	1.5	1.9 J-	1.9 J-	1.4
Copper	mg/kg	1720	50	280	5.6	3.7	6.2 J-	4.5 J-	3
Iron	mg/kg	-	2000	2000	6230	4760	5950 J+	5570 J+	4290
Lead	mg/kg	450	63	400	1.1	0.64 J	8.1 J-	0.83 J-	0.36 J
Magnesium	mg/kg	-	-	-	1000	2180	909	2730	1890
Manganese	mg/kg	2000	1600	2000	233 B	123 B	187 B	150 B	107 B
Mercury	mg/kg	0.73	0.18	0.3	< 0.020 U	< 0.020 U	0.0095 J	< 0.021 U	< 0.022 U
Nickel	mg/kg	130	30	87	5 J	3.6 J	5 J	4.2 J	3.1 J
Potassium	mg/kg	-	-	-	704	624	924	938	466
Selenium	mg/kg	4	3.9	22	< 4 UJ	< 4 UJ	0.55 J	< 4 U	< 4 UJ
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 UJ	< 1 UJ	< 1 U
Sodium	mg/kg	-	-	-	22 J	31 J	22 J	36.7 J	23 J
Thallium	mg/kg	-	-	-	< 7 U	< 7 U	< 7 UJ	< 6 UJ	< 6 U
Vanadium	mg/kg	-	39	100	6.2	4.6	7 J+	6.7 J+	4
Zinc	mg/kg	2480	109	1300	10.5 J+	6.4 J+	25.7 J-	7.5 J-	5.8 J+

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-10	SB-11	SB-11	SB-12	SB-12
Sample Name					SB-10-2930	SB-11-0506	SB 11-1920	SB-12-0506	SB-12-1920
Sample Date					11/13/2019	11/20/2019	11/21/2019	11/20/2019	11/20/2019
Sample Depth Interval (ft bgs)					29 - 30 ft	5 - 6 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	0.01 J	0.0063 J	0.012 J	< 0.026 U	0.015 J
Benzene	mg/kg	0.06	0.06	1.2	< 0.0054 U	< 0.0052 U	< 0.0054 U	< 0.0052 U	< 0.0055 U
Chloroform	mg/kg	0.37	0.37	4.8	< 0.0054 U	< 0.0052 U	< 0.0054 U	< 0.0052 U	< 0.0055 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.027 U	< 0.026 U	< 0.027 U	< 0.026 U	< 0.028 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.045 U	< 0.0052 U	< 0.0054 U	< 0.0052 U	< 0.0055 U
Toluene	mg/kg	0.7	0.7	100	< 0.0054 U	< 0.0052 U	< 0.0054 U	< 0.0052 U	< 0.0055 U
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	< 0.18 U	< 0.18 U	< 0.18 U	< 1 U	< 0.18 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.18 U	< 0.18 U	< 0.18 U	0.21 J	< 0.18 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.18 U	< 0.18 U	< 0.18 U	< 1 U	< 0.18 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.35 U	< 0.35 U	< 0.36 U	< 2 U	< 0.36 U
Acenaphthene	mg/kg	98	20	100	< 0.18 U	< 0.18 U	< 0.18 U	0.26 J	< 0.18 U
Acenaphthylene	mg/kg	365	100	100	< 0.18 U	< 0.18 U	< 0.18 U	< 1 U	< 0.18 U
Anthracene	mg/kg	1000	100	100	< 0.18 U	< 0.18 U	< 0.18 U	0.31 J	< 0.18 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.18 U	< 0.18 U	< 0.18 U	0.52 J	< 0.18 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.18 U	< 0.18 U	< 0.18 U	0.39 J	< 0.18 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.18 U	< 0.18 U	< 0.18 U	0.43 J	< 0.18 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.18 U	< 0.18 U	< 0.18 U	0.23 J	< 0.18 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.18 U	< 0.18 U	< 0.18 U	0.27 J	< 0.18 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.18 U	< 0.18 U	< 0.18 U	< 1 U	< 0.18 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.18 U	< 0.18 U	< 0.18 U	< 1 U	< 0.18 U
Caprolactam	mg/kg	-	-	-	< 0.18 U	< 0.18 U	< 0.18 U	< 1 U	< 0.18 U
Carbazole	mg/kg	-	-	-	< 0.18 U	< 0.18 U	< 0.18 U	0.16 J	< 0.18 U
Chrysene	mg/kg	1	1	1.2	< 0.18 U	< 0.18 U	< 0.18 U	0.46 J	< 0.18 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.18 U	< 0.18 U	< 0.18 U	< 1 U	< 0.18 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.18 U	< 0.18 U	< 0.18 U	0.2 J	< 0.18 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.18 U	< 0.18 U	< 0.18 U	< 1 U	< 0.18 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.18 U	< 0.18 U	< 0.18 U	< 1 U	< 0.18 U
Fluoranthene	mg/kg	1000	85	100	< 0.18 U	< 0.18 U	< 0.18 U	1.1	0.02 J
Fluorene	mg/kg	386	30	100	< 0.18 U	< 0.18 U	< 0.18 U	0.25 J	< 0.18 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.18 U	< 0.18 U	< 0.18 U	0.22 J	< 0.18 U
Naphthalene	mg/kg	12	12	84	< 0.18 U	< 0.18 U	< 0.18 U	0.77 J	< 0.18 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.18 U	< 0.18 U	< 0.18 U	1.2	< 0.18 U
Phenol	mg/kg	0.33	0.33	100	< 0.18 U	< 0.18 U	< 0.18 U	< 1 U	< 0.18 U
Pyrene	mg/kg	1000	64	100	< 0.18 U	< 0.18 U	< 0.18 U	0.88	< 0.18 U
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	0.00064 J	0.00062 J	< 0.0018 U	0.00062 J	0.00065 J
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0018 U	< 0.0018 U	< 0.0018 U	0.0015 J	< 0.0018 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
Endrin aldehyde	mg/kg	-	-	-	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
Endrin ketone	mg/kg	-	-	-	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
Methoxychlor	mg/kg	900	1.2	100	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U	< 0.0018 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.25 U	< 0.18 U	< 0.20 U	< 0.22 U	< 0.19 U
PCBs (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-10	SB-11	SB-11	SB-12	SB-12
Sample Name					SB-10-2930	SB-11-0506	SB 11-1920	SB-12-0506	SB-12-1920
Sample Date					11/13/2019	11/20/2019	11/21/2019	11/20/2019	11/20/2019
Sample Depth Interval (ft bgs)					29 - 30 ft	5 - 6 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	2970	2320 J-	3110 J-	1930 J-	2490 J-
Antimony	mg/kg	-	12	-	< 17 U	< 15 U	< 17 U	< 15 U	< 16 U
Arsenic	mg/kg	16	13	16	1.5 J	0.95 J+	1.1 J	0.8 J+	< 2 U
Barium	mg/kg	820	410	410	46.8 J+	27	39.3 J+	16	26
Beryllium	mg/kg	47	4.4	8.8	0.11 J	0.082 J	0.11 J	0.084 J	0.094 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.22 U	< 0.21 U	< 0.23 U	< 0.20 U	< 0.21 U
Calcium	mg/kg	-	10000	-	6960 J+	554 B	6490 B	501 B	5640 B
Chromium (total)	mg/kg	19	1	1	7.6 J+	2.9	4.1	2.7	3.7
Cobalt	mg/kg	-	20	30	1.7	1.3 J-	1.8 J-	1.3 J-	1.4 J-
Copper	mg/kg	1720	50	280	5.5	4.2 B	5.4 B	5.3 J-	4.3 B
Iron	mg/kg	-	2000	2000	5520	4220 J+	5380 J+	4110 J+	4290 J+
Lead	mg/kg	450	63	400	0.72 J	0.77 J-	0.96 J-	1.3 J-	1.1 J-
Magnesium	mg/kg	-	-	-	2120	707	2410	665	2350
Manganese	mg/kg	2000	1600	2000	132 B	108 B	149 B	123 B	90.8 B
Mercury	mg/kg	0.73	0.18	0.3	< 0.022 U	< 0.020 U	< 0.020 U	< 0.021 U	< 0.021 U
Nickel	mg/kg	130	30	87	4.3 J	3.1 J	4 J	3.1 J	4.8 J
Potassium	mg/kg	-	-	-	758	612	827	476	710
Selenium	mg/kg	4	3.9	22	< 4 UJ	< 4 U	< 4 U	< 4 U	< 4 U
Silver	mg/kg	8.3	2	22	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ
Sodium	mg/kg	-	-	-	33.2 J	19.2 J	35.1 J	15.6 J	33.8 J
Thallium	mg/kg	-	-	-	< 7 U	< 6 U	< 7 U	< 6 UJ	< 6 U
Vanadium	mg/kg	-	39	100	5.6	4.5	6.4	4.4 J+	4.8
Zinc	mg/kg	2480	109	1300	7.7 J+	6.9 J-	8.4 J-	8.4 J-	7.4 J-

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-107	SB-107	SB-108	SB-108	SB-109
Sample Name					SB-107-0102	SB-107-0809	SB-108-1213	SB-108-2425	SB-109-1112
Sample Date					11/5/2019	11/5/2019	11/6/2019	11/6/2019	11/6/2019
Sample Depth Interval (ft bgs)					1 - 2 ft	8 - 9 ft	12 - 13 ft	24 - 25 ft	11 - 12 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	0.0089 J	0.0078 J	0.01 J	< 0.029 U	< 0.032 U
Benzene	mg/kg	0.06	0.06	1.2	< 0.0057 U	< 0.0058 U	< 0.0059 U	< 0.0058 U	< 0.0064 U
Chloroform	mg/kg	0.37	0.37	4.8	< 0.0057 U	0.00053 J	0.00057 J	0.00054 J	0.00066 J
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.028 U	< 0.029 U	< 0.030 U	< 0.029 U	< 0.032 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0057 U	< 0.0058 U	< 0.0059 U	< 0.0058 U	< 0.0064 U
Toluene	mg/kg	0.7	0.7	100	< 0.0057 U	< 0.0058 U	< 0.0059 U	< 0.0058 U	< 0.0064 U
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.38 U	< 0.39 U	< 0.39 U	< 0.39 U	< 0.41 U
Acenaphthene	mg/kg	98	20	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Acenaphthylene	mg/kg	365	100	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Anthracene	mg/kg	1000	100	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Caprolactam	mg/kg	-	-	-	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Carbazole	mg/kg	-	-	-	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Chrysene	mg/kg	1	1	1.2	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Fluoranthene	mg/kg	1000	85	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Fluorene	mg/kg	386	30	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Naphthalene	mg/kg	12	12	84	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Phenol	mg/kg	0.33	0.33	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Pyrene	mg/kg	1000	64	100	< 0.19 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.21 U
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
delta-BHC	mg/kg	0.1	0.04	100	0.001 J	< 0.0020 U	0.00083 J	< 0.0020 U	< 0.0021 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
Endrin aldehyde	mg/kg	-	-	-	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
Endrin ketone	mg/kg	-	-	-	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
Methoxychlor	mg/kg	900	1.2	100	< 0.0019 U	< 0.0020 U	< 0.0020 U	< 0.0020 U	< 0.0021 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.28 U	< 0.22 U	< 0.30 U	< 0.25 U	< 0.25 U
PCBs (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-107	SB-107	SB-108	SB-108	SB-109
Sample Name					SB-107-0102	SB-107-0809	SB-108-1213	SB-108-2425	SB-109-1112
Sample Date					11/5/2019	11/5/2019	11/6/2019	11/6/2019	11/6/2019
Sample Depth Interval (ft bgs)					1 - 2 ft	8 - 9 ft	12 - 13 ft	24 - 25 ft	11 - 12 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	5200	4330	2380	2740	2040
Antimony	mg/kg	-	12	-	0.5 J	0.45 J	< 17 U	< 18 U	< 19 U
Arsenic	mg/kg	16	13	16	3	2.1 J	1 J	0.99 J	< 2 U
Barium	mg/kg	820	410	410	25.5	20	17.3	15	12.2
Beryllium	mg/kg	47	4.4	8.8	0.24	0.19 J	0.1 J	0.13 J	0.09 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.23 U	< 0.22 U	< 0.23 U	< 0.24 U	< 0.25 U
Calcium	mg/kg	-	10000	-	20500 B	17900 B	6550 B	9490 B	4770 B
Chromium (total)	mg/kg	19	1	1	7.4 J+	5.6 J+	2.9 J+	3.3 J+	2.4 J+
Cobalt	mg/kg	-	20	30	3.9	3.2	1.6	1.9	1.4
Copper	mg/kg	1720	50	280	10 J-	7.8 J-	2.5 J-	4 J-	2.8 J-
Iron	mg/kg	-	2000	2000	9770	8200	4610	5250	3680
Lead	mg/kg	450	63	400	2.8	2.3	1 J	1.1 J	0.95 J
Magnesium	mg/kg	-	-	-	8110	7360	2270	4000	1990
Manganese	mg/kg	2000	1600	2000	404 B	360 B	141 B	207 B	164 B
Mercury	mg/kg	0.73	0.18	0.3	0.01 J	0.013 J	< 0.021 U	< 0.022 U	< 0.025 U
Nickel	mg/kg	130	30	87	8.9	7	3.5 J	4 J	3 J
Potassium	mg/kg	-	-	-	1280	1040	611	691	557
Selenium	mg/kg	4	3.9	22	0.77 J-	< 4 UJ	< 5 UJ	< 5 UJ	< 5 UJ
Silver	mg/kg	8.3	2	22	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ
Sodium	mg/kg	-	-	-	87.8 J	76 J	35.7 J	53.9 J	30.3 J
Thallium	mg/kg	-	-	-	< 7 U	< 7 U	< 7 U	< 7 U	< 8 U
Vanadium	mg/kg	-	39	100	11.1	9.3	4.9	5.5	3.6
Zinc	mg/kg	2480	109	1300	18.6	13.4	7.4	8	6.6

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-109	SB-110	SB-110	SB-111	SB-111
Sample Name					SB-109-2425	SB-110-1314	SB-110-2223	SB-111-0810	SB-111-2930
Sample Date					11/7/2019	11/7/2019	11/7/2019	11/13/2019	11/19/2019
Sample Depth Interval (ft bgs)					24 - 25 ft	13 - 14 ft	22 - 23 ft	8 - 10 ft	29 - 30 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	0.0082 J	0.015 J	0.0072 J	0.0079 J	0.0085 J
Benzene	mg/kg	0.06	0.06	1.2	< 0.0056 U	< 0.0054 U	< 0.0054 U	< 0.0055 U	< 0.0054 U
Chloroform	mg/kg	0.37	0.37	4.8	< 0.0056 U	< 0.0054 U	< 0.0054 U	< 0.0055 U	< 0.0054 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.028 U	< 0.027 U	< 0.027 U	< 0.028 U	< 0.027 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0112 U	0.013	0.011	< 0.051 U	< 0.0054 U
Toluene	mg/kg	0.7	0.7	100	< 0.0056 U	< 0.0054 U	< 0.0054 U	< 0.0055 U	< 0.0054 U
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.37 U	< 0.36 U	< 0.37 U	< 0.36 U	< 0.35 U
Acenaphthene	mg/kg	98	20	100	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Acenaphthylene	mg/kg	365	100	100	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Anthracene	mg/kg	1000	100	100	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.19 U	< 0.19 U	< 0.19 U	0.038 J	< 0.18 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.19 U	< 0.19 U	< 0.19 U	0.035 J	< 0.18 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Caprolactam	mg/kg	-	-	-	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Carbazole	mg/kg	-	-	-	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Chrysene	mg/kg	1	1	1.2	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Fluoranthene	mg/kg	1000	85	100	< 0.19 U	< 0.19 U	< 0.19 U	0.074 J	< 0.18 U
Fluorene	mg/kg	386	30	100	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Naphthalene	mg/kg	12	12	84	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	0.061 J
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.19 U	< 0.19 U	< 0.19 U	0.064 J	< 0.18 U
Phenol	mg/kg	0.33	0.33	100	< 0.19 U	< 0.19 U	< 0.19 U	< 0.18 U	< 0.18 U
Pyrene	mg/kg	1000	64	100	< 0.19 U	< 0.19 U	< 0.19 U	0.059 J	< 0.18 U
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	0.00077 J	0.00074 J	0.00067 J	< 0.0018 U	0.00059 J
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0019 U	0.0009 J	< 0.0018 U	< 0.0018 U	< 0.0017 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.0019 U	< 0.0018 U	0.00068 J	< 0.0018 U	< 0.0017 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
Endosulfan II	mg/kg	44	4.3	8.4	0.00042 J	< 0.0018 U	0.0004 J	0.00049 J	< 0.0017 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0019 U	< 0.0018 U	0.00065 J	< 0.0018 U	< 0.0017 U
Endrin aldehyde	mg/kg	-	-	-	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
Endrin ketone	mg/kg	-	-	-	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
Methoxychlor	mg/kg	900	1.2	100	< 0.0019 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0017 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.22 U	< 0.22 U	< 0.27 U	< 0.24 U	< 0.23 U
PCBs (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-109	SB-110	SB-110	SB-111	SB-111
Sample Name					SB-109-2425	SB-110-1314	SB-110-2223	SB-111-0810	SB-111-2930
Sample Date					11/7/2019	11/7/2019	11/7/2019	11/13/2019	11/19/2019
Sample Depth Interval (ft bgs)					24 - 25 ft	13 - 14 ft	22 - 23 ft	8 - 10 ft	29 - 30 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	2130	3970	2630	3390	3490 J-
Antimony	mg/kg	-	12	-	< 16 U	< 16 U	< 16 U	< 17 U	< 16 U
Arsenic	mg/kg	16	13	16	0.75 J	2.3	0.92 J	1 J	1.3 J+
Barium	mg/kg	820	410	410	14.9 J+	57.8 J+	45.9 J+	43.1 J+	38.2
Beryllium	mg/kg	47	4.4	8.8	0.075 J	0.15 J	0.11 J+	0.14 J	0.15 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.22 U	< 0.22 U	< 0.22 U	< 0.22 U	0.064 J+
Calcium	mg/kg	-	10000	-	5520 J+	6990 J+	8390 B	4940 J+	7350 B
Chromium (total)	mg/kg	19	1	1	3.2	4.9	3.9	4.5 J+	5.3
Cobalt	mg/kg	-	20	30	1.5	2.7	1.6	2.2	1.8 J-
Copper	mg/kg	1720	50	280	2.4	15.8	3.8 J+	4.3	11.2 J-
Iron	mg/kg	-	2000	2000	4260	7130	5120	6140 J	6020 J+
Lead	mg/kg	450	63	400	0.5 J	0.91 J	0.77 J	1.3	3.1 J-
Magnesium	mg/kg	-	-	-	2150	2710	2590	2090	3050
Manganese	mg/kg	2000	1600	2000	150 B	184 B	129 B	175 J	146 B
Mercury	mg/kg	0.73	0.18	0.3	< 0.022 U	< 0.022 U	< 0.022 U	< 0.022 U	< 0.020 U
Nickel	mg/kg	130	30	87	3.4 J	6.1	3.8 J	5 J	5.7
Potassium	mg/kg	-	-	-	502	812	691	791	984
Selenium	mg/kg	4	3.9	22	< 4 UJ	< 4 UJ	0.61 J-	< 4 UJ	< 4 U
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 UJ
Sodium	mg/kg	-	-	-	42.8 J	49.6 J	29.6 J	35.2 J	43.5 J
Thallium	mg/kg	-	-	-	< 7 U	< 6 U	< 7 U	< 7 U	< 6 UJ
Vanadium	mg/kg	-	39	100	4.2	7	5.3	6	6.8 J+
Zinc	mg/kg	2480	109	1300	6.9 J+	13.7 J+	7.2	9.1 J+	17.6 J-

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

AECOM

Location					SB-112	SB-112	SB-112	SB-113	SB-113
Sample Name					SB-112-0809	SB-162-0809	SB-112-2930	SB-113-1718	SB-113-2728
Sample Date					11/8/2019	11/8/2019	11/8/2019	11/19/2019	11/20/2019
Sample Depth Interval (ft bgs)					8 - 9 ft	8 - 9 ft	29 - 30 ft	17 - 18 ft	27 - 28 ft
Analyte	Unit	Criteria			Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	< 0.027 U	< 0.027 U	< 0.027 U	0.0087 J	0.014 J
Benzene	mg/kg	0.06	0.06	1.2	< 0.0055 U	< 0.0055 U	< 0.0054 U	< 0.0054 U	< 0.0054 U
Chloroform	mg/kg	0.37	0.37	4.8	0.00047 J	< 0.0055 U	< 0.0054 U	< 0.0054 U	< 0.0054 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U	< 0.027 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.011 U	0.012	< 0.0108 U	< 0.0054 U	< 0.0054 U
Toluene	mg/kg	0.7	0.7	100	< 0.0055 U	< 0.0055 U	< 0.0054 U	< 0.0054 U	< 0.0054 U
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	0.24 J	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	0.87 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 1 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 2 U	< 0.36 U	< 0.35 U	< 0.35 U	< 0.35 U
Acenaphthene	mg/kg	98	20	100	1.8 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Acenaphthylene	mg/kg	365	100	100	0.32 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Anthracene	mg/kg	1000	100	100	3 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Benz(a)anthracene	mg/kg	1	1	1	5.5 J	< 0.19 UJ	0.021 J	< 0.18 U	< 0.18 U
Benzo(a)pyrene	mg/kg	22	1	1	4.4 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	5.2 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	2.8 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	2.3 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 1 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 1 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U
Caprolactam	mg/kg	-	-	-	< 1 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U
Carbazole	mg/kg	-	-	-	1.4 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Chrysene	mg/kg	1	1	1.2	5 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	0.74 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Dibenzofuran	mg/kg	110	2.1	4.2	1.4 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 1 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 1 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U
Fluoranthene	mg/kg	1000	85	100	13 J	< 0.19 UJ	0.037 J	< 0.18 U	< 0.18 U
Fluorene	mg/kg	386	30	100	2.1 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	2.5 J	< 0.19 UJ	< 0.18 U	< 0.18 U	< 0.18 U
Naphthalene	mg/kg	12	12	84	2.1 J	< 0.19 UJ	< 0.18 U	0.052 J	0.077 J
Phenanthrene	mg/kg	1000	1.1	1.2	12 J	< 0.19 UJ	0.031 J	< 0.18 U	< 0.18 U
Phenol	mg/kg	0.33	0.33	100	< 1 U	< 0.19 U	< 0.18 U	< 0.18 U	< 0.18 U
Pyrene	mg/kg	1000	64	100	9.5 J	< 0.19 UJ	0.028 J	< 0.18 U	< 0.18 U
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	0.0018 J	0.00069 J	0.00063 J	0.00068 J	0.00072 J
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
delta-BHC	mg/kg	0.1	0.04	100	0.001 J	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Endrin aldehyde	mg/kg	-	-	-	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Endrin ketone	mg/kg	-	-	-	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Methoxychlor	mg/kg	900	1.2	100	< 0.0037 U	< 0.0018 U	< 0.0018 U	< 0.0018 U	< 0.0018 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.22 U	< 0.25 U	< 0.23 U	< 0.21 U	< 0.26 U
PCBs (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-112	SB-112	SB-112	SB-113	SB-113
Sample Name					SB-112-0809	SB-162-0809	SB-112-2930	SB-113-1718	SB-113-2728
Sample Date					11/8/2019	11/8/2019	11/8/2019	11/19/2019	11/20/2019
Sample Depth Interval (ft bgs)					8 - 9 ft	8 - 9 ft	29 - 30 ft	17 - 18 ft	27 - 28 ft
Analyte	Unit	Criteria			Field Duplicate	Field Duplicate			
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	4000	4780	2870	3300 J-	3240 J-
Antimony	mg/kg	-	12	-	< 17 U	< 17 U	< 17 U	< 16 U	< 17 U
Arsenic	mg/kg	16	13	16	0.82 J	0.56 J	1.6 J	1.6 J+	1.4 J+
Barium	mg/kg	820	410	410	27.4 J+	24 J+	34.9 J+	38.5	42.6
Beryllium	mg/kg	47	4.4	8.8	0.15 J	0.16 J	0.1 J	0.11 J	0.11 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.22 U	< 0.23 U	< 0.22 U	< 0.21 U	< 0.22 U
Calcium	mg/kg	-	10000	-	457 J+	458 J+	6700 J+	5470 B	5770 B
Chromium (total)	mg/kg	19	1	1	4.9	6.4	7.1	4.6	3.5
Cobalt	mg/kg	-	20	30	2.2	3.2	2.7	1.8 J-	1.8 J-
Copper	mg/kg	1720	50	280	4.5	4.3	6.2	6.1 J-	4.5 J-
Iron	mg/kg	-	2000	2000	6240	8430	5500	5910 J+	5510 J+
Lead	mg/kg	450	63	400	0.93 J	0.92 J	0.63 J	1.1 J-	0.73 J-
Magnesium	mg/kg	-	-	-	1120	1730	2450	2220	2320
Manganese	mg/kg	2000	1600	2000	218 B	208 B	105 B	148 B	137 B
Mercury	mg/kg	0.73	0.18	0.3	< 0.022 U	< 0.020 U	< 0.020 U	< 0.022 U	< 0.021 U
Nickel	mg/kg	130	30	87	5.1 J	7.9	4.3 J	4.3 J	4.2 J
Potassium	mg/kg	-	-	-	722	730	628	893	785
Selenium	mg/kg	4	3.9	22	< 4 UJ	< 4 UJ	< 4 UJ	< 4 U	< 4 U
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 UJ
Sodium	mg/kg	-	-	-	16.9 J	18 J	26.2 J	31.8 J	34.5 J
Thallium	mg/kg	-	-	-	< 7 U	< 7 U	< 7 U	< 6 UJ	< 7 UJ
Vanadium	mg/kg	-	39	100	5.8	6.5	5.5	7 J+	6.1 J+
Zinc	mg/kg	2480	109	1300	8.9 J+	12.8 J+	7.5 J+	7.6 J-	7.9 J-

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-114	SB-114	TT-01	TT-02	TT-03
Sample Name					SB-114-0708	SB-114-2223	TT-01 1.5-2.0	TT-02-1.5-2.0	TT-03 0.5-1.0
Sample Date					11/4/2019	11/4/2019	10/24/2019	10/24/2019	10/24/2019
Sample Depth Interval (ft bgs)					7 - 8 ft	22 - 23 ft	1.5 - 2 ft	1.5 - 2 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	< 0.027 U	0.0065 J	0.071	0.023 J	0.087
Benzene	mg/kg	0.06	0.06	1.2	< 0.0054 U	< 0.0054 U	< 0.0059 U	< 0.0062 U	< 0.0077 U
Chloroform	mg/kg	0.37	0.37	4.8	0.00048 J	< 0.0054 U	< 0.0059 U	< 0.0062 U	< 0.0077 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.027 U	< 0.027 U	0.0089 J	< 0.031 U	0.013 J
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0054 U	< 0.0054 U	< 0.0059 U	< 0.0062 U	< 0.0077 U
Toluene	mg/kg	0.7	0.7	100	< 0.0054 U	< 0.0054 U	< 0.0059 U	< 0.0062 U	0.001 J
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.36 U	< 0.35 U	< 0.39 U	< 0.41 U	< 1 U
Acenaphthene	mg/kg	98	20	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Acenaphthylene	mg/kg	365	100	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Anthracene	mg/kg	1000	100	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Caprolactam	mg/kg	-	-	-	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Carbazole	mg/kg	-	-	-	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Chrysene	mg/kg	1	1	1.2	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Fluoranthene	mg/kg	1000	85	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Fluorene	mg/kg	386	30	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Naphthalene	mg/kg	12	12	84	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Phenol	mg/kg	0.33	0.33	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Pyrene	mg/kg	1000	64	100	< 0.19 U	< 0.18 U	< 0.20 U	< 0.21 U	< 0.26 U
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0018 U	< 0.0018 U	< 0.0020 U	0.00082 J	< 0.0026 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
delta-BHC	mg/kg	0.1	0.04	100	0.00084 J	0.00059 J	< 0.0020 U	< 0.0021 U	< 0.0026 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
Endrin aldehyde	mg/kg	-	-	-	< 0.0018 U	< 0.0018 U	0.0008 J	< 0.0021 U	< 0.0026 U
Endrin ketone	mg/kg	-	-	-	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0018 U	< 0.0018 U	0.0011 J	< 0.0021 U	< 0.0026 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0018 U	< 0.0018 U	< 0.0020 U	< 0.0021 U	< 0.0026 U
Methoxychlor	mg/kg	900	1.2	100	< 0.0018 U	< 0.0018 U	< 0.0020 U	0.001 J	0.0014 J
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.21 U	< 0.20 U	< 0.29 U	< 0.27 U	< 0.35 U
PCBs (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-114	SB-114	TT-01	TT-02	TT-03
Sample Name					SB-114-0708	SB-114-2223	TT-01 1.5-2.0	TT-02-1.5-2.0	TT-03 0.5-1.0
Sample Date					11/4/2019	11/4/2019	10/24/2019	10/24/2019	10/24/2019
Sample Depth Interval (ft bgs)					7 - 8 ft	22 - 23 ft	1.5 - 2 ft	1.5 - 2 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	2860	3460	9120	4630	40500
Antimony	mg/kg	-	12	-	< 16 U	< 16 U	< 18 U	< 19 U	< 24 U
Arsenic	mg/kg	16	13	16	0.53 J	< 2 U	2.9 J-	2.5 J-	4.2 J-
Barium	mg/kg	820	410	410	20	44	28.4	55.4	466
Beryllium	mg/kg	47	4.4	8.8	0.12 J	0.13 J	0.18 J	0.16 J	0.25 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.22 U	< 0.22 U	< 0.24 U	< 0.26 U	< 0.32 U
Calcium	mg/kg	-	10000	-	456 B	7590 B	263 B	1090 B	2920 B
Chromium (total)	mg/kg	19	1	1	5.3 J+	8.9 J+	10.3	6.8	39.8
Cobalt	mg/kg	-	20	30	1.6	1.8	3.3	2	4.4
Copper	mg/kg	1720	50	280	5.7 J-	4.5 J-	2.5	2.7	5.2
Iron	mg/kg	-	2000	2000	4380	5390	15700 J+	5390 J+	19600 J+
Lead	mg/kg	450	63	400	1.1	1.2	6.5	2.8	9.9
Magnesium	mg/kg	-	-	-	717	2610	1600	1160	4590
Manganese	mg/kg	2000	1600	2000	107 B	203 B	153	57.9	528
Mercury	mg/kg	0.73	0.18	0.3	< 0.022 U	< 0.021 U	0.012 J	0.02 J	0.14
Nickel	mg/kg	130	30	87	3.4 J	4.2 J	6.1	4.8 J	24.1
Potassium	mg/kg	-	-	-	611	897	763 J-	765 J-	3290 J-
Selenium	mg/kg	4	3.9	22	< 4 UJ	< 4 UJ	0.6 J	< 5 U	0.69 J
Silver	mg/kg	8.3	2	22	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 U
Sodium	mg/kg	-	-	-	17.6 J	37.7 J	132 J	62.8 J	396
Thallium	mg/kg	-	-	-	< 6 U	< 6 U	< 7 UJ	< 8 UJ	< 10 UJ
Vanadium	mg/kg	-	39	100	4.6	6	31.9	10.9	43.1
Zinc	mg/kg	2480	109	1300	6.5	7.4	16.3	12.1	71.2

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					TT-04	TT-05	TT-06	TT-06	TT-07
Sample Name					TT-04 01-1.5	TT-05 01-1.5	TT-06 01-1.5	TT-56 -01-1.5	TT-07-1.5-02
Sample Date					10/24/2019	10/24/2019	10/24/2019	10/24/2019	10/24/2019
Sample Depth Interval (ft bgs)					1 - 1.5 ft	1 - 1.5 ft	1 - 1.5 ft	1 - 1.5 ft	1.5 - 2 ft
Analyte	Unit	Criteria						Field Duplicate	
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	0.024 J	< 0.031 U	< 0.032 U	< 0.033 U	< 0.032 U
Benzene	mg/kg	0.06	0.06	1.2	< 0.0059 U	< 0.0061 U	< 0.0065 U	< 0.0067 U	< 0.0064 U
Chloroform	mg/kg	0.37	0.37	4.8	< 0.0059 U	< 0.0061 U	< 0.0065 U	< 0.0067 U	< 0.0064 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.029 U	< 0.031 U	< 0.032 U	< 0.033 U	< 0.032 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0059 U	< 0.0061 U	< 0.0065 U	< 0.0067 U	< 0.0064 U
Toluene	mg/kg	0.7	0.7	100	< 0.0059 U	< 0.0061 U	< 0.0065 U	< 0.0067 U	< 0.0064 U
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.40 U	< 0.40 U	< 0.44 U	< 0.45 U	< 0.42 U
Acenaphthene	mg/kg	98	20	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Acenaphthylene	mg/kg	365	100	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Anthracene	mg/kg	1000	100	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Caprolactam	mg/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Carbazole	mg/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Chrysene	mg/kg	1	1	1.2	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Fluoranthene	mg/kg	1000	85	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Fluorene	mg/kg	386	30	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Naphthalene	mg/kg	12	12	84	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Phenol	mg/kg	0.33	0.33	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Pyrene	mg/kg	1000	64	100	< 0.20 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.22 U
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0020 U	< 0.0020 U	0.00084 J	0.00075 J	< 0.0022 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	0.0011 J
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
Endrin aldehyde	mg/kg	-	-	-	< 0.0020 U	< 0.0020 U	0.0013 J	0.00082 J	0.00067 J
Endrin ketone	mg/kg	-	-	-	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0020 U	< 0.0020 U	< 0.0022 U	< 0.0023 U	< 0.0022 U
Methoxychlor	mg/kg	900	1.2	100	< 0.0020 U	0.0018 J	< 0.0022 U	< 0.0023 U	< 0.0022 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.30 U	< 0.25 U	< 0.26 U	< 0.24 U	< 0.30 U
PCBs (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					TT-04	TT-05	TT-06	TT-06	TT-07
Sample Name					TT-04 01-1.5	TT-05 01-1.5	TT-06 01-1.5	TT-56 -01-1.5	TT-07-1.5-02
Sample Date					10/24/2019	10/24/2019	10/24/2019	10/24/2019	10/24/2019
Sample Depth Interval (ft bgs)					1 - 1.5 ft	1 - 1.5 ft	1 - 1.5 ft	1 - 1.5 ft	1.5 - 2 ft
Analyte	Unit	Criteria						Field Duplicate	
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	5000	951	9020	9930	6600
Antimony	mg/kg	-	12	-	< 18 U	< 19 U	0.58 J	< 20 U	< 21 U
Arsenic	mg/kg	16	13	16	0.54 J-	0.62 J-	1.2 J-	1.5 J-	1.1 J-
Barium	mg/kg	820	410	410	13.9	10.8	14.5	15.5	10.4
Beryllium	mg/kg	47	4.4	8.8	0.11 J	< 0.25 U	0.14 J	0.15 J	0.08 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.24 U	< 0.25 U	< 0.27 U	< 0.27 U	< 0.28 U
Calcium	mg/kg	-	10000	-	619 B	1260	1460 B	1420 B	1730 B
Chromium (total)	mg/kg	19	1	1	4.8	1.6	7.2	8.9	5.9
Cobalt	mg/kg	-	20	30	2.2	0.084 J	1.9	2.2	1
Copper	mg/kg	1720	50	280	1.6	0.59 J	4.3	4.6	2
Iron	mg/kg	-	2000	2000	5290 J+	2040 J+	8530 J+	9610 J+	9110 J+
Lead	mg/kg	450	63	400	1.6	1.3	2.9	3.3	2.3
Magnesium	mg/kg	-	-	-	1370	151	1390	1560	995
Manganese	mg/kg	2000	1600	2000	53.8	10	95.7	92	43.9
Mercury	mg/kg	0.73	0.18	0.3	< 0.024 U	< 0.025 U	0.049	0.054	0.06
Nickel	mg/kg	130	30	87	5.6 J	0.45 J	5.2 J	5.9 J	3 J
Potassium	mg/kg	-	-	-	789 J-	93.4 J-	587 J-	685 J-	458 J-
Selenium	mg/kg	4	3.9	22	< 5 U	< 5 U	0.72 J+	0.74 J+	< 6 U
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Sodium	mg/kg	-	-	-	33.6 J	< 176 U	32.8 J	35.7 J	36.4 J
Thallium	mg/kg	-	-	-	< 7 UJ	< 8 UJ	< 8 UJ	< 8 UJ	< 8 UJ
Vanadium	mg/kg	-	39	100	7.8	5.6	12.4	13.5	10.6
Zinc	mg/kg	2480	109	1300	10.8	8	17.4	17.5	9.1

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					TT-08	TT-09	TT-10	TT-11	TT-12
Sample Name					TT-08- 1.5-02	TT-09-1.5-02	TT-10- 0.5-01	TT-11-2.5-03	TT-12-0.5-01
Sample Date					10/25/2019	10/25/2019	10/25/2019	10/25/2019	10/25/2019
Sample Depth Interval (ft bgs)					1.5 - 2 ft	1.5 - 2 ft	0.5 - 1 ft	2.5 - 3 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Volatile Organic Compounds (VOCs)									
Acetone	mg/kg	0.03	0.03	100	0.0085 J	< 0.029 U	< 0.028 U	0.1	< 0.026 U
Benzene	mg/kg	0.06	0.06	1.2	< 0.0056 U	< 0.0059 U	< 0.0057 U	< 0.0055 U	< 0.0053 U
Chloroform	mg/kg	0.37	0.37	4.8	< 0.0056 U	< 0.0059 U	< 0.0057 U	< 0.0055 U	< 0.0053 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.028 U	< 0.029 U	< 0.028 U	0.02 J	< 0.026 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0056 U	< 0.0059 U	< 0.0057 U	< 0.0055 U	< 0.0053 U
Toluene	mg/kg	0.7	0.7	100	< 0.0056 U	< 0.0059 U	< 0.0057 U	< 0.0055 U	< 0.0053 U
Semi Volatile Organic Compounds (SVOCs)									
1,1'-Biphenyl	mg/kg	-	60	-	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.37 U	< 0.38 U	< 0.37 U	< 0.37 U	< 2 U
Acenaphthene	mg/kg	98	20	100	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
Acenaphthylene	mg/kg	365	100	100	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
Anthracene	mg/kg	1000	100	100	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.42 J
Benzo(a)pyrene	mg/kg	22	1	1	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.31 J
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.49 J
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.28 J
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.18 J
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	1
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.79 J
Caprolactam	mg/kg	-	-	-	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
Carbazole	mg/kg	-	-	-	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
Chrysene	mg/kg	1	1	1.2	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.42 J
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.16 J
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.15 J
Fluoranthene	mg/kg	1000	85	100	< 0.19 U	< 0.20 U	< 0.19 U	0.027 J	0.81 J
Fluorene	mg/kg	386	30	100	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.22 J
Naphthalene	mg/kg	12	12	84	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	0.47 J
Phenol	mg/kg	0.33	0.33	100	< 0.19 U	< 0.20 U	< 0.19 U	< 0.19 U	< 1 U
Pyrene	mg/kg	1000	64	100	< 0.19 U	< 0.20 U	< 0.19 U	0.022 J	0.7 J
Pesticides									
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0090 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	0.014 J
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0090 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0019 U	< 0.0020 U	< 0.0019 U	0.0013 J	< 0.0090 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0090 U
delta-BHC	mg/kg	0.1	0.04	100	0.00053 J	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0090 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0090 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	0.0022 J
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0090 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0090 U
Endrin aldehyde	mg/kg	-	-	-	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	0.066 J
Endrin ketone	mg/kg	-	-	-	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0090 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0019 U	0.00041 J	< 0.0019 U	0.0024 J	0.0021 J
gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0019 U	< 0.0020 U	0.00068 J	< 0.0019 U	0.015 J
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0090 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0019 U	< 0.0020 U	< 0.0019 U	< 0.0019 U	< 0.0090 U
Methoxychlor	mg/kg	900	1.2	100	0.00062 J	< 0.0020 U	0.00084 J	< 0.0019 U	< 0.0090 U
Polychlorinated Biphenyls (PCBs)									
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.25 U	< 0.20 U	< 0.22 U	< 0.23 U	0.54
PCBs (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	0.54

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					TT-08	TT-09	TT-10	TT-11	TT-12
Sample Name					TT-08- 1.5-02	TT-09-1.5-02	TT-10- 0.5-01	TT-11-2.5-03	TT-12-0.5-01
Sample Date					10/25/2019	10/25/2019	10/25/2019	10/25/2019	10/25/2019
Sample Depth Interval (ft bgs)					1.5 - 2 ft	1.5 - 2 ft	0.5 - 1 ft	2.5 - 3 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	2100	3540	1040	6940	4930
Antimony	mg/kg	-	12	-	< 16 U	< 17 U	< 18 U	< 16 U	0.88 J
Arsenic	mg/kg	16	13	16	0.64 J	1.4 J	0.57 J	2 J	1.4 J
Barium	mg/kg	820	410	410	9 J+	6.5 J+	4.4 J+	14.3 J+	56.2 J+
Beryllium	mg/kg	47	4.4	8.8	0.037 J	< 0.23 U	< 0.24 U	0.19 J	0.16 J
Cadmium	mg/kg	7.5	2.5	2.5	0.04 J+	< 0.23 U	0.045 J+	< 0.21 U	0.74 J+
Calcium	mg/kg	-	10000	-	253	322	252	548	1140
Chromium (total)	mg/kg	19	1	1	2.4 J+	4.9 J+	1.8 J+	7.6 J+	8.2 J+
Cobalt	mg/kg	-	20	30	0.91	0.53 J	0.17 J	3.1	2.9
Copper	mg/kg	1720	50	280	1.4 J+	2.1 J+	0.86 J+	8.2 J+	30.5 J+
Iron	mg/kg	-	2000	2000	3250 J+	12200 J+	3230 J+	8830 J+	9630 J+
Lead	mg/kg	450	63	400	0.76 J	2.1	1.1 J	1.9	49.8
Magnesium	mg/kg	-	-	-	563	407	128	1770	1170
Manganese	mg/kg	2000	1600	2000	30.8	31 J	11.9	74.5	157
Mercury	mg/kg	0.73	0.18	0.3	0.011 J	0.025	< 0.024 U	0.013 J	0.15
Nickel	mg/kg	130	30	87	2.5 J	1.3 J	0.47 J	7	9.7
Potassium	mg/kg	-	-	-	345 J+	308 J+	140 J+	903 J+	944 J+
Selenium	mg/kg	4	3.9	22	< 4 UJ	< 4 UJ	0.53 J-	< 4 UJ	< 4 UJ
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Sodium	mg/kg	-	-	-	< 153 U	< 159 U	< 170 U	< 150 U	< 152 U
Thallium	mg/kg	-	-	-	< 6 U	< 7 U	< 7 U	< 6 U	0.73 J
Vanadium	mg/kg	-	39	100	3.9	12.9	5.1	11.4	8.3
Zinc	mg/kg	2480	109	1300	9.9 J+	5.9 J+	6.2 J+	16 J+	161 J+

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					TT-13	TT-14	TT-15
Sample Name					TT-13 -0.5-01	TT-14 -0.5-01	TT-15 -0.5-01
Sample Date					10/25/2019	10/25/2019	10/25/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft
Analyte	Unit	Criteria					
		(1)	(2)	(3)			
Volatile Organic Compounds (VOCs)							
Acetone	mg/kg	0.03	0.03	100	< 0.027 U	< 0.027 U	< 0.029 U
Benzene	mg/kg	0.06	0.06	1.2	< 0.0055 U	< 0.0054 U	< 0.0057 U
Chloroform	mg/kg	0.37	0.37	4.8	0.00039 J	< 0.0054 U	< 0.0057 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.027 U	< 0.027 U	< 0.029 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0055 U	< 0.0054 U	< 0.0057 U
Toluene	mg/kg	0.7	0.7	100	< 0.0055 U	< 0.0054 U	< 0.0057 U
Semi Volatile Organic Compounds (SVOCs)							
1,1'-Biphenyl	mg/kg	-	60	-	< 0.19 U	< 1 U	< 0.19 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.19 U	< 1 U	< 0.19 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.19 U	< 1 U	< 0.19 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.36 U	< 2 U	< 0.37 U
Acenaphthene	mg/kg	98	20	100	< 0.19 U	< 1 U	< 0.19 U
Acenaphthylene	mg/kg	365	100	100	< 0.19 U	< 1 U	< 0.19 U
Anthracene	mg/kg	1000	100	100	< 0.19 U	< 1 U	< 0.19 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.19 U	< 1 U	0.02 J
Benzo(a)pyrene	mg/kg	22	1	1	< 0.19 U	< 1 U	< 0.19 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.19 U	< 1 U	< 0.19 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.19 U	< 1 U	< 0.19 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.19 U	< 1 U	< 0.19 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.19 U	< 1 U	< 0.19 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.19 U	< 1 U	< 0.19 U
Caprolactam	mg/kg	-	-	-	< 0.19 U	< 1 U	< 0.19 U
Carbazole	mg/kg	-	-	-	< 0.19 U	< 1 U	< 0.19 U
Chrysene	mg/kg	1	1	1.2	< 0.19 U	< 1 U	< 0.19 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.19 U	< 1 U	< 0.19 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.19 U	< 1 U	< 0.19 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.19 U	< 1 U	< 0.19 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.19 U	< 1 U	< 0.19 U
Fluoranthene	mg/kg	1000	85	100	< 0.19 U	< 1 U	0.031 J
Fluorene	mg/kg	386	30	100	< 0.19 U	< 1 U	< 0.19 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.19 U	< 1 U	< 0.19 U
Naphthalene	mg/kg	12	12	84	< 0.19 U	< 1 U	< 0.19 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.19 U	< 1 U	< 0.19 U
Phenol	mg/kg	0.33	0.33	100	< 0.19 U	< 1 U	< 0.19 U
Pyrene	mg/kg	1000	64	100	< 0.19 U	< 1 U	0.028 J
Pesticides							
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0018 U	< 0.0036 U	< 0.0019 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.0012 J	0.0037 J	< 0.0019 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0018 U	< 0.0036 U	< 0.0019 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0018 U	< 0.0036 U	< 0.0019 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0018 U	< 0.0036 U	< 0.0019 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.0018 U	< 0.0036 U	< 0.0019 U
Dieldrin	mg/kg	0.1	0.005	0.017	0.00057 J	0.0013 J	< 0.0019 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0018 U	0.00073 J	< 0.0019 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0018 U	< 0.0036 U	< 0.0019 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0018 U	< 0.0036 U	< 0.0019 U
Endrin aldehyde	mg/kg	-	-	-	0.0019 J	0.0088 B	< 0.0019 U
Endrin ketone	mg/kg	-	-	-	< 0.0018 U	< 0.0036 U	< 0.0019 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	0.00042 J	0.0008 J	0.00042 J
gamma-Chlordane	mg/kg	14	0.54	0.54	0.0015 J	0.0046 J	< 0.0019 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0018 U	< 0.0036 U	< 0.0019 U
Heptachlor epoxide	mg/kg	0.02	0.02	0.077	< 0.0018 U	< 0.0036 U	< 0.0019 U
Methoxychlor	mg/kg	900	1.2	100	< 0.0018 U	< 0.0036 U	< 0.0019 U
Polychlorinated Biphenyls (PCBs)							
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	< 0.19 U	0.42	< 0.24 U
PCBs (total)	mg/kg	3.2	0.1	1	ND	0.42	ND

Table 5-2A
Summary of Detected Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					TT-13	TT-14	TT-15
Sample Name					TT-13 -0.5-01	TT-14 -0.5-01	TT-15 -0.5-01
Sample Date					10/25/2019	10/25/2019	10/25/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft
Analyte	Unit	Criteria					
		(1)	(2)	(3)			
Metals and Inorganics							
Aluminum	mg/kg	-	10000	-	6140	3900	3850
Antimony	mg/kg	-	12	-	< 17 U	< 17 U	< 16 U
Arsenic	mg/kg	16	13	16	1.1 J-	0.97 J-	1 J-
Barium	mg/kg	820	410	410	39.8 J+	42 J+	28.6 J+
Beryllium	mg/kg	47	4.4	8.8	0.18 J	0.14 J	0.16 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.23 U	0.75 J+	0.071 J+
Calcium	mg/kg	-	10000	-	619	11900	642
Chromium (total)	mg/kg	19	1	1	6	5.1	4.1
Cobalt	mg/kg	-	20	30	2.7	2.5	2
Copper	mg/kg	1720	50	280	10.9	37.6	5.6
Iron	mg/kg	-	2000	2000	8290	7100	6080
Lead	mg/kg	450	63	400	1.6	22.6	1.8
Magnesium	mg/kg	-	-	-	1450	1320	929
Manganese	mg/kg	2000	1600	2000	119	226	195
Mercury	mg/kg	0.73	0.18	0.3	0.0093 J	0.043	< 0.023 U
Nickel	mg/kg	130	30	87	7.7	10.4	4.5 J
Potassium	mg/kg	-	-	-	1300 J+	901 J+	854 J+
Selenium	mg/kg	4	3.9	22	< 5 UJ	< 4 UJ	< 4 UJ
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 U
Sodium	mg/kg	-	-	-	< 160 U	< 155 U	< 153 U
Thallium	mg/kg	-	-	-	< 7 U	< 7 U	< 7 U
Vanadium	mg/kg	-	39	100	8.3	6.9	6.6
Zinc	mg/kg	2480	109	1300	16 J+	78.9 J+	13 J+

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2B
Summary of Detected Compounds in Subsurface Soils (Metals Adjusted)
Remedial Investigation
Fortino Tire Site



Location					SB-01	SB-01	SB-02	SB-02	SB-03	SB-03
Sample Name					SB 01-0506	SB 01-1920	SB 02- 0506	SB 02- 1920	SB 03-0506	SB 03-1920
Sample Date					11/21/2019	11/21/2019	11/21/2019	11/21/2019	11/21/2019	11/21/2019
Sample Depth Interval (ft bgs)					5 - 6 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NV	NV	NV	NV	NV	NV
Antimony	mg/kg	-	12	-	NV	NV	NV	NV	NV	NV
Arsenic	mg/kg	16	13	16	NV	NV	NV	NV	NV	NV
Barium	mg/kg	820	410	410	NV	NV	NV	NV	NV	NV
Beryllium	mg/kg	47	4.4	8.8	0.1	0.055	0.11	0.094	0.16	0.15
Cadmium	mg/kg	7.5	2.5	2.5	NV	NV	NV	0.09	NV	NV
Calcium	mg/kg	-	10000	-	1990	950	3360	2750	7960	8260
Chromium (total)	mg/kg	19	1	1	NV	NV	NV	NV	NV	NV
Cobalt	mg/kg	-	20	30	NV	NV	NV	NV	0.4	0.1
Copper	mg/kg	1720	50	280	0.2	NV	0.7	22.7	2.2	4
Iron	mg/kg	-	2000	2000	NV	NV	NV	NV	NV	NV
Lead	mg/kg	450	63	400	NV	NV	NV	NV	NV	NV
Magnesium	mg/kg	-	-	-	930	NV	1620	640	4010	3320
Manganese	mg/kg	2000	1600	2000	65.8	9.7	220.8	107.8	227.8	185.8
Mercury	mg/kg	0.73	0.18	0.3	NV	NV	NV	NV	NV	NV
Nickel	mg/kg	130	30	87	NV	NV	NV	1.9	0.5	NV
Potassium	mg/kg	-	-	-	NV	NV	NV	NV	80	NV
Selenium	mg/kg	4	3.9	22	NV	NV	NV	NV	NV	NV
Silver	mg/kg	8.3	2	22	NV	NV	NV	NV	NV	NV
Sodium	mg/kg	-	-	-	47.7	24.4	49	55.5	93.8	NV
Thallium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Vanadium	mg/kg	-	39	100	NV	NV	NV	NV	NV	NV
Zinc	mg/kg	2480	109	1300	NV	NV	NV	34.1	NV	NV

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NV - No value / not adjusted

Table 5-2B
Summary of Detected Compounds in Subsurface Soils (Metals Adjusted)
Remedial Investigation
Fortino Tire Site



Location					SB-04	SB-04	SB-05	SB-05	SB-06	SB-06
Sample Name					SB 04 -0103	SB 04-1920	SB-05-0506	SB-05-1920	SB-06-0103	SB-56-0103
Sample Date					11/21/2019	11/21/2019	11/22/2019	11/22/2019	11/22/2019	11/22/2019
Sample Depth Interval (ft bgs)					1 - 3 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft	1 - 3 ft	1 - 3 ft
Analyte	Unit	Criteria								Field Duplicate
		(1)	(2)	(3)						
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	3300	NV	NV	NV	NV	NV
Antimony	mg/kg	-	12	-	51.6	NV	NV	NV	NV	NV
Arsenic	mg/kg	16	13	16	19.2	NV	NV	NV	NV	NV
Barium	mg/kg	820	410	410	1796.9	NV	NV	NV	NV	NV
Beryllium	mg/kg	47	4.4	8.8	0.52	0.12	0.12	0.092	0.096	0.11
Cadmium	mg/kg	7.5	2.5	2.5	82.73	NV	NV	NV	NV	NV
Calcium	mg/kg	-	10000	-	24860	11360	NV	2980	NV	NV
Chromium (total)	mg/kg	19	1	1	244.4	NV	NV	NV	NV	NV
Cobalt	mg/kg	-	20	30	74.3	0	NV	NV	NV	NV
Copper	mg/kg	1720	50	280	15197.3	2.6	1.4	4	3.6	4.7
Iron	mg/kg	-	2000	2000	167500	NV	NV	NV	NV	NV
Lead	mg/kg	450	63	400	3591.3	NV	NV	NV	NV	NV
Magnesium	mg/kg	-	-	-	4130	2450	60	570	NV	NV
Manganese	mg/kg	2000	1600	2000	1063.8	429.8	69.8	91.8	NV	5.1
Mercury	mg/kg	0.73	0.18	0.3	6.26	NV	NV	NV	NV	NV
Nickel	mg/kg	130	30	87	3334.9	0.2	NV	NV	NV	0.1
Potassium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Selenium	mg/kg	4	3.9	22	14.4	NV	NV	NV	NV	NV
Silver	mg/kg	8.3	2	22	6.4	NV	NV	NV	NV	NV
Sodium	mg/kg	-	-	-	301	42.2	32.6	35.3	47.1	48.9
Thallium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Vanadium	mg/kg	-	39	100	NV	NV	NV	NV	NV	NV
Zinc	mg/kg	2480	109	1300	15072.6	NV	NV	NV	NV	NV

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NV - No value / not adjusted

Table 5-2B
Summary of Detected Compounds in Subsurface Soils (Metals Adjusted)
Remedial Investigation
Fortino Tire Site



Location					SB-06	SB-07	SB-07	SB-08	SB-08	SB-08
Sample Name					SB-06-1920	SB-07-1213	SB-07-2930	SB-08-0.501	SB-08-0304	SB-08-1920
Sample Date					11/22/2019	11/12/2019	11/12/2019	11/20/2019	11/11/2019	11/11/2019
Sample Depth Interval (ft bgs)					19 - 20 ft	12 - 13 ft	29 - 30 ft	0.5 - 1 ft	3 - 4 ft	19 - 20 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NV	NV	NV	NV	NV	NV
Antimony	mg/kg	-	12	-	NV	NV	NV	NV	NV	NV
Arsenic	mg/kg	16	13	16	NV	NV	NV	3.1	NV	NV
Barium	mg/kg	820	410	410	2.1	7.3	3.7	578.9	NV	NV
Beryllium	mg/kg	47	4.4	8.8	0.12	0.12	0.12	0.21	0.12	0.097
Cadmium	mg/kg	7.5	2.5	2.5	NV	NV	NV	0.81	NV	NV
Calcium	mg/kg	-	10000	-	4440	NV	3800	111560	NV	3690
Chromium (total)	mg/kg	19	1	1	NV	NV	NV	34.6	NV	NV
Cobalt	mg/kg	-	20	30	0	NV	NV	1.5	0.7	NV
Copper	mg/kg	1720	50	280	2.6	1.2	1.5	26.7	2.9	1
Iron	mg/kg	-	2000	2000	NV	NV	NV	NV	NV	NV
Lead	mg/kg	450	63	400	NV	NV	NV	46.2	NV	NV
Magnesium	mg/kg	-	-	-	1230	NV	600	5420	NV	740
Manganese	mg/kg	2000	1600	2000	118.8	171.8	87.8	210.8	176.8	66.8
Mercury	mg/kg	0.73	0.18	0.3	NV	NV	NV	0.4	NV	NV
Nickel	mg/kg	130	30	87	NV	NV	NV	18.8	NV	NV
Potassium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Selenium	mg/kg	4	3.9	22	NV	NV	NV	NV	NV	NV
Silver	mg/kg	8.3	2	22	NV	NV	NV	NV	NV	NV
Sodium	mg/kg	-	-	-	41.4	23.4	33.7	105	22	31
Thallium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Vanadium	mg/kg	-	39	100	NV	NV	NV	NV	NV	NV
Zinc	mg/kg	2480	109	1300	NV	NV	NV	135.6	NV	NV

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NV - No value / not adjusted

Table 5-2B
Summary of Detected Compounds in Subsurface Soils (Metals Adjusted)
Remedial Investigation
Fortino Tire Site



Location					SB-09	SB-09	SB-10	SB-10	SB-11	SB-11
Sample Name					SB-09-0506	SB-09-1920	SB-10-2223	SB-10-2930	SB-11-0506	SB-11-1920
Sample Date					11/20/2019	11/20/2019	11/12/2019	11/13/2019	11/20/2019	11/21/2019
Sample Depth Interval (ft bgs)					5 - 6 ft	19 - 20 ft	22 - 23 ft	29 - 30 ft	5 - 6 ft	19 - 20 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NV	NV	NV	NV	NV	NV
Antimony	mg/kg	-	12	-	NV	NV	NV	NV	NV	NV
Arsenic	mg/kg	16	13	16	NV	NV	NV	NV	NV	NV
Barium	mg/kg	820	410	410	NV	NV	NV	NV	NV	NV
Beryllium	mg/kg	47	4.4	8.8	0.14	0.12	0.073	0.11	0.082	0.11
Cadmium	mg/kg	7.5	2.5	2.5	NV	NV	NV	NV	NV	NV
Calcium	mg/kg	-	10000	-	NV	4910	2260	4520	NV	4050
Chromium (total)	mg/kg	19	1	1	NV	NV	NV	NV	NV	NV
Cobalt	mg/kg	-	20	30	NV	NV	NV	NV	NV	NV
Copper	mg/kg	1720	50	280	3.5	1.8	0.3	2.8	1.5	2.7
Iron	mg/kg	-	2000	2000	NV	NV	NV	NV	NV	NV
Lead	mg/kg	450	63	400	NV	NV	NV	NV	NV	NV
Magnesium	mg/kg	-	-	-	NV	1290	450	680	NV	970
Manganese	mg/kg	2000	1600	2000	130.8	93.8	50.8	75.8	51.8	92.8
Mercury	mg/kg	0.73	0.18	0.3	NV	NV	NV	NV	NV	NV
Nickel	mg/kg	130	30	87	NV	NV	NV	NV	NV	NV
Potassium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Selenium	mg/kg	4	3.9	22	NV	NV	NV	NV	NV	NV
Silver	mg/kg	8.3	2	22	NV	NV	NV	NV	NV	NV
Sodium	mg/kg	-	-	-	22	36.7	23	33.2	19.2	35.1
Thallium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Vanadium	mg/kg	-	39	100	NV	NV	NV	NV	NV	NV
Zinc	mg/kg	2480	109	1300	NV	NV	NV	NV	NV	NV

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NV - No value / not adjusted

Table 5-2B
Summary of Detected Compounds in Subsurface Soils (Metals Adjusted)
Remedial Investigation
Fortino Tire Site



Location					SB-12	SB-12	SB-107	SB-107	SB-108	SB-108
Sample Name					SB-12-0506	SB-12-1920	SB-107-0102	SB-107-0809	SB-108-1213	SB-108-2425
Sample Date					11/20/2019	11/20/2019	11/5/2019	11/5/2019	11/6/2019	11/6/2019
Sample Depth Interval (ft bgs)					5 - 6 ft	19 - 20 ft	1 - 2 ft	8 - 9 ft	12 - 13 ft	24 - 25 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NV	NV	NV	NV	NV	NV
Antimony	mg/kg	-	12	-	NV	NV	0.5	0.45	NV	NV
Arsenic	mg/kg	16	13	16	NV	NV	0.5	NV	NV	NV
Barium	mg/kg	820	410	410	NV	NV	NV	NV	NV	NV
Beryllium	mg/kg	47	4.4	8.8	0.084	0.094	0.24	0.19	0.1	0.13
Cadmium	mg/kg	7.5	2.5	2.5	NV	NV	NV	NV	NV	NV
Calcium	mg/kg	-	10000	-	NV	3200	18060	15460	4110	7050
Chromium (total)	mg/kg	19	1	1	NV	NV	NV	NV	NV	NV
Cobalt	mg/kg	-	20	30	NV	NV	1.9	1.2	NV	NV
Copper	mg/kg	1720	50	280	2.6	1.6	7.3	5.1	NV	1.3
Iron	mg/kg	-	2000	2000	NV	NV	NV	NV	NV	NV
Lead	mg/kg	450	63	400	NV	NV	NV	NV	NV	NV
Magnesium	mg/kg	-	-	-	NV	910	6670	5920	830	2560
Manganese	mg/kg	2000	1600	2000	66.8	34.6	347.8	303.8	84.8	150.8
Mercury	mg/kg	0.73	0.18	0.3	NV	NV	NV	NV	NV	NV
Nickel	mg/kg	130	30	87	NV	NV	3.8	1.9	NV	NV
Potassium	mg/kg	-	-	-	NV	NV	150	NV	NV	NV
Selenium	mg/kg	4	3.9	22	NV	NV	NV	NV	NV	NV
Silver	mg/kg	8.3	2	22	NV	NV	NV	NV	NV	NV
Sodium	mg/kg	-	-	-	15.6	33.8	87.8	76	35.7	53.9
Thallium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Vanadium	mg/kg	-	39	100	NV	NV	NV	NV	NV	NV
Zinc	mg/kg	2480	109	1300	NV	NV	NV	NV	NV	NV

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NV - No value / not adjusted

Table 5-2B
Summary of Detected Compounds in Subsurface Soils (Metals Adjusted)
Remedial Investigation
Fortino Tire Site



Location					SB-109	SB-109	SB-110	SB-110	SB-111	SB-111
Sample Name					SB-109-1112	SB-109-2425	SB-110-1314	SB-110-2223	SB-111-0810	SB-111-2930
Sample Date					11/6/2019	11/7/2019	11/7/2019	11/7/2019	11/13/2019	11/19/2019
Sample Depth Interval (ft bgs)					11 - 12 ft	24 - 25 ft	13 - 14 ft	22 - 23 ft	8 - 10 ft	29 - 30 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NV	NV	NV	NV	NV	NV
Antimony	mg/kg	-	12	-	NV	NV	NV	NV	NV	NV
Arsenic	mg/kg	16	13	16	NV	NV	NV	NV	NV	NV
Barium	mg/kg	820	410	410	NV	NV	4.7	NV	NV	NV
Beryllium	mg/kg	47	4.4	8.8	0.09	0.075	0.15	0.11	0.14	0.15
Cadmium	mg/kg	7.5	2.5	2.5	NV	NV	NV	NV	NV	NV
Calcium	mg/kg	-	10000	-	2330	3080	4550	5950	2500	4910
Chromium (total)	mg/kg	19	1	1	NV	NV	NV	NV	NV	NV
Cobalt	mg/kg	-	20	30	NV	NV	0.7	NV	0.2	NV
Copper	mg/kg	1720	50	280	0.1	NV	13.1	1.1	1.6	8.5
Iron	mg/kg	-	2000	2000	NV	NV	NV	NV	NV	NV
Lead	mg/kg	450	63	400	NV	NV	NV	NV	NV	NV
Magnesium	mg/kg	-	-	-	550	710	1270	1150	650	1610
Manganese	mg/kg	2000	1600	2000	107.8	93.8	127.8	72.8	118.8	89.8
Mercury	mg/kg	0.73	0.18	0.3	NV	NV	NV	NV	NV	NV
Nickel	mg/kg	130	30	87	NV	NV	1	NV	NV	0.6
Potassium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Selenium	mg/kg	4	3.9	22	NV	NV	NV	NV	NV	NV
Silver	mg/kg	8.3	2	22	NV	NV	NV	NV	NV	NV
Sodium	mg/kg	-	-	-	30.3	42.8	49.6	29.6	35.2	43.5
Thallium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Vanadium	mg/kg	-	39	100	NV	NV	NV	NV	NV	NV
Zinc	mg/kg	2480	109	1300	NV	NV	NV	NV	NV	NV

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NV - No value / not adjusted

Table 5-2B
Summary of Detected Compounds in Subsurface Soils (Metals Adjusted)
Remedial Investigation
Fortino Tire Site



Location					SB-112	SB-112	SB-112	SB-113	SB-113	SB-114
Sample Name					SB-112-0809	SB-162-0809	SB-112-2930	SB-113-1718	SB-113-2728	SB-114-0708
Sample Date					11/8/2019	11/8/2019	11/8/2019	11/19/2019	11/20/2019	11/4/2019
Sample Depth Interval (ft bgs)					8 - 9 ft	8 - 9 ft	29 - 30 ft	17 - 18 ft	27 - 28 ft	7 - 8 ft
Analyte	Unit	Criteria			Field Duplicate	Field Duplicate				
		(1)	(2)	(3)						
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NV	NV	NV	NV	NV	NV
Antimony	mg/kg	-	12	-	NV	NV	NV	NV	NV	NV
Arsenic	mg/kg	16	13	16	NV	NV	NV	NV	NV	NV
Barium	mg/kg	820	410	410	NV	NV	NV	NV	NV	NV
Beryllium	mg/kg	47	4.4	8.8	0.15	0.16	0.1	0.11	0.11	0.12
Cadmium	mg/kg	7.5	2.5	2.5	NV	NV	NV	NV	NV	NV
Calcium	mg/kg	-	10000	-	NV	NV	4260	3030	3330	NV
Chromium (total)	mg/kg	19	1	1	NV	NV	NV	NV	NV	NV
Cobalt	mg/kg	-	20	30	0.2	1.2	0.7	NV	NV	NV
Copper	mg/kg	1720	50	280	1.8	1.6	3.5	3.4	1.8	3
Iron	mg/kg	-	2000	2000	NV	NV	NV	NV	NV	NV
Lead	mg/kg	450	63	400	NV	NV	NV	NV	NV	NV
Magnesium	mg/kg	-	-	-	NV	290	1010	780	880	NV
Manganese	mg/kg	2000	1600	2000	161.8	151.8	48.8	91.8	80.8	50.8
Mercury	mg/kg	0.73	0.18	0.3	NV	NV	NV	NV	NV	NV
Nickel	mg/kg	130	30	87	0	2.8	NV	NV	NV	NV
Potassium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Selenium	mg/kg	4	3.9	22	NV	NV	NV	NV	NV	NV
Silver	mg/kg	8.3	2	22	NV	NV	NV	NV	NV	NV
Sodium	mg/kg	-	-	-	16.9	18	26.2	31.8	34.5	17.6
Thallium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Vanadium	mg/kg	-	39	100	NV	NV	NV	NV	NV	NV
Zinc	mg/kg	2480	109	1300	NV	NV	NV	NV	NV	NV

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NV - No value / not adjusted

Table 5-2B
Summary of Detected Compounds in Subsurface Soils (Metals Adjusted)
Remedial Investigation
Fortino Tire Site



Location					SB-114	TT-01	TT-02	TT-03	TT-04	TT-05
Sample Name					SB-114-2223	TT-01 1.5-2.0	TT-02-1.5-2.0	TT-03 0.5-1.0	TT-04 01-1.5	TT-05 01-1.5
Sample Date					11/4/2019	10/24/2019	10/24/2019	10/24/2019	10/24/2019	10/24/2019
Sample Depth Interval (ft bgs)					22 - 23 ft	1.5 - 2 ft	1.5 - 2 ft	0.5 - 1 ft	1 - 1.5 ft	1 - 1.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NV	NV	NV	26500	NV	NV
Antimony	mg/kg	-	12	-	NV	NV	NV	NV	NV	NV
Arsenic	mg/kg	16	13	16	NV	0.4	0	1.7	NV	NV
Barium	mg/kg	820	410	410	NV	NV	2.3	412.9	NV	NV
Beryllium	mg/kg	47	4.4	8.8	0.13	0.18	0.16	0.25	0.11	NV
Cadmium	mg/kg	7.5	2.5	2.5	NV	NV	NV	NV	NV	NV
Calcium	mg/kg	-	10000	-	5150	NV	NV	480	NV	NV
Chromium (total)	mg/kg	19	1	1	NV	NV	NV	27.2	NV	NV
Cobalt	mg/kg	-	20	30	NV	1.3	0	2.4	0.2	NV
Copper	mg/kg	1720	50	280	1.8	NV	0	2.5	NV	NV
Iron	mg/kg	-	2000	2000	NV	5200	NV	9100	NV	NV
Lead	mg/kg	450	63	400	NV	NV	NV	NV	NV	NV
Magnesium	mg/kg	-	-	-	1170	160	NV	3150	NV	NV
Manganese	mg/kg	2000	1600	2000	146.8	96.8	1.7	471.8	NV	NV
Mercury	mg/kg	0.73	0.18	0.3	NV	NV	NV	0	NV	NV
Nickel	mg/kg	130	30	87	NV	1	NV	19	0.5	NV
Potassium	mg/kg	-	-	-	NV	NV	NV	2160	NV	NV
Selenium	mg/kg	4	3.9	22	NV	NV	NV	NV	NV	NV
Silver	mg/kg	8.3	2	22	NV	NV	NV	NV	NV	NV
Sodium	mg/kg	-	-	-	37.7	132	62.8	396	33.6	NV
Thallium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Vanadium	mg/kg	-	39	100	NV	11.2	NV	22.4	NV	NV
Zinc	mg/kg	2480	109	1300	NV	NV	NV	43.8	NV	NV

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NV - No value / not adjusted

Table 5-2B
Summary of Detected Compounds in Subsurface Soils (Metals Adjusted)
Remedial Investigation
Fortino Tire Site



Location					TT-06	TT-06	TT-07	TT-08	TT-09	TT-10
Sample Name					TT-06 01-1.5	TT-56 -01-1.5	TT-07-1.5-02	TT-08- 1.5-02	TT-09-1.5-02	TT-10- 0.5-01
Sample Date					10/24/2019	10/24/2019	10/24/2019	10/25/2019	10/25/2019	10/25/2019
Sample Depth Interval (ft bgs)					1 - 1.5 ft	1 - 1.5 ft	1.5 - 2 ft	1.5 - 2 ft	1.5 - 2 ft	0.5 - 1 ft
Analyte	Unit	Criteria			Field Duplicate	Field Duplicate				
		(1)	(2)	(3)						
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	NV	NV	NV	NV	NV	NV
Antimony	mg/kg	-	12	-	0.58	NV	NV	NV	NV	NV
Arsenic	mg/kg	16	13	16	NV	NV	NV	NV	NV	NV
Barium	mg/kg	820	410	410	NV	NV	NV	NV	NV	NV
Beryllium	mg/kg	47	4.4	8.8	0.14	0.15	0.08	0.037	NV	NV
Cadmium	mg/kg	7.5	2.5	2.5	NV	NV	NV	NV	NV	NV
Calcium	mg/kg	-	10000	-	NV	NV	NV	NV	NV	NV
Chromium (total)	mg/kg	19	1	1	NV	NV	NV	NV	NV	NV
Cobalt	mg/kg	-	20	30	NV	0.2	NV	NV	NV	NV
Copper	mg/kg	1720	50	280	1.6	1.9	NV	NV	NV	NV
Iron	mg/kg	-	2000	2000	NV	NV	NV	NV	1700	NV
Lead	mg/kg	450	63	400	NV	NV	NV	NV	NV	NV
Magnesium	mg/kg	-	-	-	NV	120	NV	NV	NV	NV
Manganese	mg/kg	2000	1600	2000	39.5	35.8	NV	NV	NV	NV
Mercury	mg/kg	0.73	0.18	0.3	NV	NV	NV	NV	NV	NV
Nickel	mg/kg	130	30	87	0.1	0.8	NV	NV	NV	NV
Potassium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Selenium	mg/kg	4	3.9	22	NV	NV	NV	NV	NV	NV
Silver	mg/kg	8.3	2	22	NV	NV	NV	NV	NV	NV
Sodium	mg/kg	-	-	-	32.8	35.7	36.4	NV	NV	NV
Thallium	mg/kg	-	-	-	NV	NV	NV	NV	NV	NV
Vanadium	mg/kg	-	39	100	NV	NV	NV	NV	NV	NV
Zinc	mg/kg	2480	109	1300	NV	NV	NV	NV	NV	NV

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NV - No value / not adjusted

Table 5-2B
Summary of Detected Compounds in Subsurface Soils (Metals Adjusted)
Remedial Investigation
Fortino Tire Site



Location					TT-11	TT-12	TT-13	TT-14	TT-15
Sample Name					TT-11-2.5-03	TT-12-0.5-01	TT-13 -0.5-01	TT-14 -0.5-01	TT-15 -0.5-01
Sample Date					10/25/2019	10/25/2019	10/25/2019	10/25/2019	10/25/2019
Sample Depth Interval (ft bgs)					2.5 - 3 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Metals and Inorganics									
Aluminum	mg/kg	-	10000	-	NV	NV	NV	NV	NV
Antimony	mg/kg	-	12	-	NV	0.88	NV	NV	NV
Arsenic	mg/kg	16	13	16	NV	NV	NV	NV	NV
Barium	mg/kg	820	410	410	NV	3.1	NV	NV	NV
Beryllium	mg/kg	47	4.4	8.8	0.19	0.16	0.18	0.14	0.16
Cadmium	mg/kg	7.5	2.5	2.5	NV	0.57	NV	0.58	NV
Calcium	mg/kg	-	10000	-	NV	NV	NV	9460	NV
Chromium (total)	mg/kg	19	1	1	NV	NV	NV	NV	NV
Cobalt	mg/kg	-	20	30	1.1	0.9	0.7	0.5	0
Copper	mg/kg	1720	50	280	5.5	27.8	8.2	34.9	2.9
Iron	mg/kg	-	2000	2000	NV	NV	NV	NV	NV
Lead	mg/kg	450	63	400	NV	21.1	NV	NV	NV
Magnesium	mg/kg	-	-	-	330	NV	10	NV	NV
Manganese	mg/kg	2000	1600	2000	18.3	100.8	62.8	169.8	138.8
Mercury	mg/kg	0.73	0.18	0.3	NV	0.01	NV	NV	NV
Nickel	mg/kg	130	30	87	1.9	4.6	2.6	5.3	NV
Potassium	mg/kg	-	-	-	NV	NV	170	NV	NV
Selenium	mg/kg	4	3.9	22	NV	NV	NV	NV	NV
Silver	mg/kg	8.3	2	22	NV	NV	NV	NV	NV
Sodium	mg/kg	-	-	-	NV	NV	NV	NV	NV
Thallium	mg/kg	-	-	-	NV	NV	NV	NV	NV
Vanadium	mg/kg	-	39	100	NV	NV	NV	NV	NV
Zinc	mg/kg	2480	109	1300	NV	133.6	NV	51.5	NV

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil
Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51
Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NV - No value / not adjusted

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					BACKGR 01	BACKGR 02	BACKGR 02	BACKGR 03
Sample Name					Background - 01	Background - 02	Background - DUP	Background - 03
Sample Date					5/17/2021	5/17/2021	5/17/2021	5/17/2021
Sample Depth Interval (ft bgs)					0 - 0 ft	0 - 0 ft	0 - 0 ft	0 - 0 ft
Analyte	Unit	Criteria					Field Duplicate	
		(1)	(2)	(3)				
Per- and Polyfluoroalkyl Substances (PFAS)								
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	NA	NA	NA
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	NA	NA	NA	NA
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	NA	NA	NA	NA
PFAS (total)	ug/kg	-	-	-	NA	NA	NA	NA

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-01	SB-01	SB-02	SB-02	SB-03
Sample Name					SB 01-0506	SB 01-1920	SB 02- 0506	SB 02- 1920	SB 03-0506
Sample Date					11/21/2019	11/21/2019	11/21/2019	11/21/2019	11/21/2019
Sample Depth Interval (ft bgs)					5 - 6 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft	5 - 6 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.25 U	< 0.22 U	< 0.24 U	< 0.23 U	< 0.24 U
PFAS (total)	ug/kg	-	-	-	ND	ND	ND	ND	ND

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-03	SB-04	SB-04	SB-05	SB-05
Sample Name					SB 03-1920	SB 04 -0103	SB 04-1920	SB-05-0506	SB-05-1920
Sample Date					11/21/2019	11/21/2019	11/21/2019	11/22/2019	11/22/2019
Sample Depth Interval (ft bgs)					19 - 20 ft	1 - 3 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	2.4 J	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	0.96 J	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.24 U	0.044 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.24 U	0.079 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.24 U	0.35 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.24 U	0.18 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.24 U	0.22 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.24 U	0.17 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.24 U	0.94 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.24 U	0.29 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.24 U	2.4 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.24 U	1 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 1 U	26 J	< 1 U	< 1 U	< 1 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.24 U	1.5 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.24 U	0.24 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.24 U	0.46 J	< 0.22 U	< 0.21 U	< 0.21 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.24 U	1.4 J	< 0.22 U	< 0.21 U	< 0.21 U
PFAS (total)	ug/kg	-	-	-	ND	38.633	ND	ND	ND

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-06	SB-06	SB-06	SB-07	SB-07
Sample Name					SB-06-0103	SB-56-0103	SB-06-1920	SB-07-1213	SB-07-2930
Sample Date					11/22/2019	11/22/2019	11/22/2019	11/12/2019	11/12/2019
Sample Depth Interval (ft bgs)					1 - 3 ft	1 - 3 ft	19 - 20 ft	12 - 13 ft	29 - 30 ft
Analyte	Unit	Criteria			Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate	Field Duplicate
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.041 J	0.04 J	< 0.21 U	< 0.20 U	< 0.21 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.20 U	< 0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.11 J	0.052 J	< 0.21 U	< 0.20 U	< 0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.20 U	< 0.21 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.06 J	< 0.25 U	< 0.21 U	< 0.20 U	< 0.21 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.053 J	< 0.25 U	< 0.21 U	< 0.20 U	< 0.21 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.20 U	< 0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.20 U	< 0.21 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.16 J	0.072 J	< 0.21 U	< 0.20 U	< 0.21 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.20 U	< 0.21 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	5.5 J	2.6 J	< 1 U	< 1 U	< 1 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.43 J	0.21 J	< 0.21 U	< 0.20 U	< 0.21 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.20 U	< 0.21 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.20 U	< 0.21 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.066 J	< 0.25 U	< 0.21 U	< 0.20 U	< 0.21 U
PFAS (total)	ug/kg	-	-	-	6.42	2.974	ND	ND	ND

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-08	SB-08	SB-08	SB-09	SB-09
Sample Name					SB-08-0.501	SB-08-0304	SB-08-1920	SB-09-0506	SB-09-1920
Sample Date					11/20/2019	11/11/2019	11/11/2019	11/20/2019	11/20/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	3 - 4 ft	19 - 20 ft	5 - 6 ft	19 - 20 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	NA	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	NA	< 2 U	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	NA	0.026 J	< 0.21 U	< 0.21 U	< 0.22 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	0.021 J	< 0.22 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	NA	< 1 U	< 1 U	0.32	< 0.22 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	NA	0.5 J	< 0.21 U	< 0.21 U	< 0.22 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	NA	< 0.20 U	< 0.21 U	< 0.21 U	< 0.22 U
PFAS (total)	ug/kg	-	-	-	NA	0.526	ND	0.341	ND

1

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

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NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

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Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-10	SB-10	SB-11	SB-11	SB-12
Sample Name					SB-10-2223	SB-10-2930	SB-11-0506	SB 11-1920	SB-12-0506
Sample Date					11/12/2019	11/13/2019	11/20/2019	11/21/2019	11/20/2019
Sample Depth Interval (ft bgs)					22 - 23 ft	29 - 30 ft	5 - 6 ft	19 - 20 ft	5 - 6 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.26 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	0.02 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 1 U	< 1 U	< 0.21 U	< 1 U	0.29
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.21 U	< 0.21 U	< 0.21 U	< 0.21 U	< 0.20 U
PFAS (total)	ug/kg	-	-	-	ND	ND	ND	ND	0.31

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

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J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

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NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-12	SB-107	SB-107	SB-108	SB-108
Sample Name					SB-12-1920	SB-107-0102	SB-107-0809	SB-108-1213	SB-108-2425
Sample Date					11/20/2019	11/5/2019	11/5/2019	11/6/2019	11/6/2019
Sample Depth Interval (ft bgs)					19 - 20 ft	1 - 2 ft	8 - 9 ft	12 - 13 ft	24 - 25 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.22 U	0.029 J	< 0.22 U	< 0.24 U	< 0.22 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.22 U	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.22 U	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.22 U	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.22 U	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.22 U	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.22 U	0.66	0.52	< 0.24 U	< 0.22 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.22 U	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.22 U	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.013 J	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 0.22 U	< 1 U	< 1 U	< 1 U	< 1 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.22 U	0.27	0.2 J	< 0.24 U	< 0.22 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.22 U	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.22 U	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.22 U	< 0.23 U	< 0.22 U	< 0.24 U	< 0.22 U
PFAS (total)	ug/kg	-	-	-	0.013	0.959	0.72	ND	ND

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-109	SB-109	SB-110	SB-110	SB-111
Sample Name					SB-109-1112	SB-109-2425	SB-110-1314	SB-110-2223	SB-111-0810
Sample Date					11/6/2019	11/7/2019	11/7/2019	11/7/2019	11/13/2019
Sample Depth Interval (ft bgs)					11 - 12 ft	24 - 25 ft	13 - 14 ft	22 - 23 ft	8 - 10 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.24 U	< 0.22 U	< 0.21 U	< 0.21 U	< 0.21 U
PFAS (total)	ug/kg	-	-	-	ND	ND	ND	ND	ND

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

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NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-111	SB-112	SB-112	SB-112	SB-113
Sample Name					SB-111-2930	SB-112-0809	SB-162-0809	SB-112-2930	SB-113-1718
Sample Date					11/19/2019	11/8/2019	11/8/2019	11/8/2019	11/19/2019
Sample Depth Interval (ft bgs)					29 - 30 ft	8 - 9 ft	8 - 9 ft	29 - 30 ft	17 - 18 ft
Analyte	Unit	Criteria					Field		
		(1)	(2)	(3)			Duplicate		
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 UJ	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 UJ	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 0.20 U	< 1 U	< 1 U	< 1 UJ	< 0.21 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.21 U	< 0.21 UJ	< 0.21 U
PFAS (total)	ug/kg	-	-	-	ND	ND	ND	ND	ND

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

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J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					SB-113	SB-114	SB-114	TT-01	TT-02
Sample Name					SB-113-2728	SB-114-0708	SB-114-2223	TT-01 1.5-2.0	TT-02-1.5-2.0
Sample Date					11/20/2019	11/4/2019	11/4/2019	10/24/2019	10/24/2019
Sample Depth Interval (ft bgs)					27 - 28 ft	7 - 8 ft	22 - 23 ft	1.5 - 2 ft	1.5 - 2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 0.20 U	< 1 U	< 0.50 U	< 1 U	< 1 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.20 U	< 0.21 U	< 0.20 U	< 0.23 U	< 0.24 U
PFAS (total)	ug/kg	-	-	-	ND	ND	ND	ND	ND

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					TT-03	TT-04	TT-05	TT-06	TT-06
Sample Name					TT-03 0.5-1.0	TT-04 01-1.5	TT-05 01-1.5	TT-06 01-1.5	TT-56 -01-1.5
Sample Date					10/24/2019	10/24/2019	10/24/2019	10/24/2019	10/24/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 1.5 ft	1 - 1.5 ft	1 - 1.5 ft	1 - 1.5 ft
Analyte	Unit	Criteria							Field Duplicate
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 3 U	< 2 U	< 2 U	< 2 U	< 3 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 3 U	< 2 U	< 2 U	< 2 U	< 3 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.30 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.27 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.30 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.27 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.033 J	< 0.23 U	< 0.24 U	0.048 J	0.061 J
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.30 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.27 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.30 U	< 0.23 U	0.041 J	< 0.24 U	< 0.27 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.048 J	< 0.23 U	< 0.24 U	< 0.24 U	< 0.27 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.30 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.27 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.30 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.27 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.68 J	< 0.23 U	0.11 J	0.054 J	0.068 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.30 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.27 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 1 U	< 1 U	< 2 U	< 3 U	< 3 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.39 J	< 0.23 U	0.2 J	0.15 J	0.18 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.30 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.27 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.30 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.27 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.30 U	< 0.23 U	< 0.24 U	< 0.24 U	< 0.27 U
PFAS (total)	ug/kg	-	-	-	1.151	ND	0.351	0.252	0.309

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					TT-07	TT-08	TT-09	TT-10	TT-11
Sample Name					TT-07-1.5-02	TT-08- 1.5-02	TT-09-1.5-02	TT-10- 0.5-01	TT-11-2.5-03
Sample Date					10/24/2019	10/25/2019	10/25/2019	10/25/2019	10/25/2019
Sample Depth Interval (ft bgs)					1.5 - 2 ft	1.5 - 2 ft	1.5 - 2 ft	0.5 - 1 ft	2.5 - 3 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 3 U	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 3 U	< 2 U	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.22 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.22 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.029 J	< 0.21 U	< 0.22 U	< 0.22 U	< 0.22 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.22 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.22 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	0.062 J	< 0.22 U	< 0.22 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.22 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	0.086 J	< 0.22 U	< 0.22 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.1 J	0.06 J	0.084 J	< 0.22 U	< 0.22 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.22 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 2 U	< 1 U	< 1 U	< 1 U	< 1 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.18 J	< 0.21 U	0.27 J	< 0.22 U	< 0.22 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	0.093 J	< 0.22 U	< 0.22 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.22 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.26 U	< 0.21 U	< 0.22 U	< 0.22 U	< 0.22 U
PFAS (total)	ug/kg	-	-	-	0.309	0.06	0.595	ND	ND

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

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J - Reported concentration is an estimated value.

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U - Analyte was analyzed for but was not detected above the reported limit.

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Table 5-2C
Summary of Detected PFAS Compounds in Subsurface Soils
Remedial Investigation
Fortino Tire Site



Location					TT-12	TT-13	TT-14	TT-15
Sample Name					TT-12-0.5-01	TT-13 -0.5-01	TT-14 -0.5-01	TT-15 -0.5-01
Sample Date					10/25/2019	10/25/2019	10/25/2019	10/25/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft	0.5 - 1 ft
Analyte	Unit	Criteria						
		(1)	(2)	(3)				
Per- and Polyfluoroalkyl Substances (PFAS)								
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.20 U	0.088 J	< 0.21 U	< 0.21 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.024 J	< 0.22 U	0.028 J	< 0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 1 U	< 2 U	< 2 U	< 2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.20 U	< 0.22 U	< 0.21 U	< 0.21 U
PFAS (total)	ug/kg	-	-	-	0.024	0.088	0.028	ND

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Not analyzed, ND - Non Detect

B - Analyte is detected in the associate blank and the sample.

D - Analyte is detected at a secondary dilution factor.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-01	SD-02	SD-03	SD-03R	SD-03R	SD-04
Sample Name					SD-01-00-0.5	SD-02-00-0.5	SD-03-00-0.5	SD-03R-6-12	SD-03R-12-24	SD-04-00-0.5
Sample Date					10/29/2019	10/29/2019	10/29/2019	11/30/2022	11/30/2022	10/29/2019
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.038 U	< 0.21 U	< 0.076 U	0.061 J	< 0.027 U	< 0.063 U
Acetone	mg/kg	0.03	0.03	100	< 0.038 U	0.055 J	< 0.076 U	0.15 J	0.063 J	0.02 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.0076 U	< 0.042 U	< 0.015 U	< 0.006 U	< 0.006 U	< 0.013 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0076 U	< 0.042 UJ	< 0.015 U	< 0.003 U	< 0.003 U	< 0.013 U
Methyl Acetate	mg/kg	-	-	-	< 0.038 U	< 0.21 U	< 0.076 U	< 0.007 U	< 0.007 U	< 0.063 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.038 U	< 0.21 U	< 0.076 U	< 0.027 U	< 0.027 U	< 0.063 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0076 U	< 0.042 U	< 0.015 U	< 0.007 U	< 0.007 U	< 0.013 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0076 U	< 0.042 U	< 0.015 U	< 0.003 UJ	< 0.003 U	< 0.013 U
Toluene	mg/kg	0.7	0.7	100	< 0.0076 U	< 0.042 U	< 0.015 U	0.012	< 0.002 U	0.0037 J
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 100 U	< 2 UJ	< 100 UJ	< 0.18 U	< 0.18 U	< 2 UJ
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 120 U	< 2 UJ	< 120 UJ	R	R	< 2 UJ
2,4-Dimethylphenol	mg/kg	-	-	-	< 100 U	< 2 UJ	< 100 UJ	< 0.3 U	< 0.29 U	< 2 UJ
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 100 U	< 2 UJ	< 100 UJ	< 0.26 U	< 0.26 U	< 2 UJ
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	< 0.25 U	< 0.25 U	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	NA	< 0.25 U	< 0.25 U	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	< 200 U	< 3 UJ	< 200 UJ	< 0.21 U	< 0.21 U	< 4 UJ
4-Chloroaniline	mg/kg	0.22	0.22	100	< 100 U	< 2 UJ	< 100 UJ	< 0.15 U	< 0.15 U	< 2 UJ
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 200 U	0.53 J	< 200 UJ	NA	NA	< 4 UJ
4-Nitroaniline	mg/kg	-	-	-	< 200 U	< 3 UJ	< 200 UJ	< 0.24 U	< 0.24 U	< 4 UJ
Acenaphthene	mg/kg	98	20	100	< 100 U	< 2 UJ	< 100 UJ	< 0.24 U	< 0.24 U	< 2 UJ
Acenaphthylene	mg/kg	365	100	100	< 100 U	< 2 UJ	< 100 UJ	< 0.24 U	< 0.23 U	< 2 UJ
Acetophenone	mg/kg	-	-	-	< 100 U	< 2 UJ	< 100 UJ	< 0.23 U	< 0.23 U	< 2 UJ
Anthracene	mg/kg	1000	100	100	< 100 U	< 2 UJ	< 100 UJ	< 0.24 U	< 0.24 U	< 2 UJ
Benz(a)anthracene	mg/kg	1	1	1	< 100 U	< 2 UJ	< 100 UJ	< 0.21 U	< 0.21 U	< 2 UJ
Benzaldehyde	mg/kg	-	-	-	< 100 U	< 2 UJ	< 100 UJ	0.43 J	< 0.11 U	< 2 UJ
Benzo(a)pyrene	mg/kg	22	1	1	< 100 U	< 2 UJ	< 100 UJ	< 0.2 U	< 0.2 U	< 2 UJ
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 100 U	< 2 UJ	< 100 UJ	< 0.21 U	< 0.2 U	< 2 UJ
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 100 U	< 2 UJ	< 100 UJ	< 0.25 U	< 0.25 U	< 2 UJ
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 100 U	< 2 UJ	< 100 UJ	< 0.2 U	< 0.2 U	< 2 UJ
Benzyl butyl phthalate	mg/kg	122	100	100	31 J	< 2 UJ	< 100 UJ	< 0.21 U	< 0.21 U	< 2 UJ
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	970	< 2 UJ	52 J	0.37 J	0.33 J	< 2 UJ
Carpolactam	mg/kg	-	-	-	< 100 U	< 2 UJ	< 100 UJ	< 0.17 U	< 0.17 U	< 2 UJ
Carbazole	mg/kg	-	-	-	< 100 U	< 2 UJ	< 100 UJ	< 0.23 U	< 0.23 U	< 2 UJ
Chrysene	mg/kg	1	1	1.2	< 100 U	< 2 UJ	< 100 UJ	< 0.22 U	< 0.21 U	< 2 UJ
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 100 U	< 2 UJ	< 100 UJ	< 0.23 U	< 0.23 U	< 2 UJ
Dibenzofuran	mg/kg	110	2.1	4.2	< 100 U	< 2 UJ	< 100 UJ	< 0.23 U	< 0.23 U	< 2 UJ
Diethyl phthalate	mg/kg	7.1	7.1	100	< 100 U	< 2 UJ	< 100 UJ	< 0.22 U	< 0.22 U	< 2 UJ
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 100 U	< 2 UJ	< 100 UJ	< 0.21 U	< 0.2 U	< 2 UJ
Di-n-octyl phthalate	mg/kg	120	100	100	370 J	< 2 UJ	< 100 UJ	< 0.34 U	< 0.34 U	< 2 UJ
Fluoranthene	mg/kg	1000	85	100	< 100 U	< 2 UJ	< 100 UJ	< 0.22 U	< 0.22 U	< 2 UJ
Fluorene	mg/kg	386	30	100	< 100 U	< 2 UJ	< 100 UJ	< 0.24 U	< 0.24 U	< 2 UJ
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 100 U	< 2 UJ	< 100 UJ	< 0.039 U	< 0.006 U	< 2 UJ
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 100 U	< 2 UJ	< 100 UJ	< 0.27 U	< 0.26 U	< 2 UJ
Naphthalene	mg/kg	12	12	84	< 100 U	< 2 UJ	< 100 UJ	< 0.23 U	< 0.23 U	< 2 UJ
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 100 U	< 2 UJ	< 100 UJ	< 0.23 U	< 0.23 U	< 2 UJ
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 100 U	< 2 UJ	< 100 UJ	< 0.23 U	< 0.22 U	< 2 UJ
Phenanthrene	mg/kg	1000	1.1	1.2	< 100 U	< 2 UJ	< 100 UJ	< 0.24 U	< 0.24 U	< 2 UJ
Phenol	mg/kg	0.33	0.33	100	< 100 U	< 2 UJ	< 100 UJ	< 0.26 U	< 0.26 U	< 2 UJ
Pyrene	mg/kg	1000	64	100	< 100 U	< 2 UJ	< 100 UJ	< 0.23 U	< 0.23 U	< 2 UJ
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.13 U	< 0.014 UJ	< 0.1 UJ	< 0.013 U	< 0.003 U	< 0.0042 UJ
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.53 J	< 0.014 UJ	0.26 NJ	< 0.007 U	< 0.001 U	< 0.0042 UJ
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.13 U	< 0.014 UJ	0.76 J	< 0.008 U	< 0.002 U	< 0.0042 UJ
Aldrin	mg/kg	0.19	0.0048	0.0088	0.37 NJ	< 0.014 UJ	< 0.1 UJ	< 0.008 U	< 0.002 U	< 0.0042 UJ
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.13 U	0.0078 J	< 0.1 UJ	< 0.037 U	< 0.007 U	< 0.0042 UJ
alpha-Chlordane	mg/kg	4.5	0.014	0.14	< 0.13 U	< 0.014 UJ	< 0.1 UJ	NA	NA	< 0.0042 UJ
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.13 U	< 0.014 UJ	< 0.1 UJ	< 0.031 U	< 0.006 U	< 0.0042 UJ
delta-BHC	mg/kg	0.1	0.04	100	< 0.13 U	< 0.014 UJ	< 0.1 UJ	< 0.042 U	< 0.008 U	< 0.0042 UJ
Dieldrin	mg/kg	0.1	0.005	0.017	0.37 NJ	< 0.014 UJ	0.15 NJ	< 0.006 U	< 0.001 U	< 0.0042 UJ
Endosulfan I	mg/kg	65	4.3	8.4	< 0.13 U	< 0.014 UJ	< 0.1 UJ	< 0.03 U	< 0.006 U	< 0.0042 UJ
Endosulfan II	mg/kg	44	4.3	8.4	< 0.13 U	< 0.014 UJ	< 0.1 UJ	< 0.03 U	< 0.006 U	< 0.0042 UJ
Endrin	ma/kg	0.06	0.014	1.2	< 0.13 U	< 0.014 UJ	< 0.1 UJ	< 0.03 U	< 0.006 U	< 0.0042 UJ

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-01		SD-02		SD-03		SD-03R		SD-03R		SD-04	
Sample Name		SD-01-00-0.5		SD-02-00-0.5		SD-03-00-0.5		SD-03R-6-12		SD-03R-12-24		SD-04-00-0.5	
Sample Date		10/29/2019		10/29/2019		10/29/2019		11/30/2022		11/30/2022		10/29/2019	
Sample Depth Interval (ft bgs)		0 - 0.5 ft		0 - 0.5 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft	
Analyte	Unit	Criteria											
		(1)	(2)	(3)									
Endrin aldehyde	mg/kg	-	-	-	0.24 J	< 0.014 UJ	< 0.1 UJ	< 0.069 U	< 0.014 U	< 0.0042 UJ			
Endrin ketone	mg/kg	-	-	-	< 0.13 U	< 0.014 UJ	0.029 J	< 0.039 U	< 0.008 U	< 0.0042 UJ			
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.13 U	< 0.014 UJ	< 0.1 UJ	< 0.008 U	< 0.002 U	< 0.0042 UJ			
Gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.13 U	< 0.014 UJ	< 0.1 UJ	NA	NA	< 0.0042 UJ			
Heptachlor	mg/kg	0.38	0.013	0.12	0.054 J	< 0.014 UJ	< 0.1 UJ	< 0.009 U	< 0.002 U	< 0.0042 UJ			
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.13 U	< 0.014 UJ	< 0.1 UJ	< 0.008 U	< 0.002 U	< 0.0042 UJ			
Methoxychlor	mg/kg	900	1.2	100	0.33 NJ	< 0.014 UJ	< 0.1 UJ	< 0.11 U	< 0.02 U	0.0013 J			
Polychlorinated Biphenyls (PCBs)													
Aroclor 1242	mg/kg	-	-	-	< 2 U	< 2 UJ	< 1 UJ	< 0.1 U	< 0.1 U	< 1 UJ			
Aroclor 1248	mg/kg	-	-	-	< 2 U	< 2 UJ	< 1 UJ	0.23 J	< 0.096 U	< 1 UJ			
Aroclor 1254	mg/kg	-	-	-	21	< 2 UJ	8.2 J	0.45 D	< 0.084 U	< 1 UJ			
Aroclor 1260	mg/kg	-	-	-	< 2 U	< 2 UJ	< 1 UJ	0.14 J	< 0.1 U	< 1 UJ			
Aroclor 1268	mg/kg	-	-	-	< 2 U	< 2 UJ	< 1 UJ	< 0.12 U	< 0.12 U	< 1 UJ			
PCB (total)	mg/kg	3.2	0.1	1	21	ND	8.2	0.82	ND	ND			
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	8960 J+	2210 J+	7970 J+	14000	6900	20100 J+			
Antimony	mg/kg	-	12	-	41.2 J+	< 136 UJ	32.7 J	< 1 U	< 1 U	1.2 J			
Arsenic	mg/kg	16	13	16	19.6 J+	6.7 J	8.1 J	< 11 U	1.6 J	3 J			
Barium	mg/kg	820	410	410	1350	463 J	1190 J	650	440	220 J			
Beryllium	mg/kg	47	4.4	8.8	0.15 J	< 2 UJ	0.21 J	< 0.14 U	< 0.14 U	0.43 J			
Cadmium	mg/kg	7.5	2.5	2.5	51.7	0.73 J	31 J	6.7	1.3	0.2 J			
Calcium	mg/kg	-	10000	-	57900 B	15300 J	15600 J	9200	6200	2860 J			
Chromium (total)	mg/kg	19	1	1	147	4.9 J	62.9 J	16	5.9	19.2 J			
Cobalt	mg/kg	-	20	30	37	1.7 J	52.2 J	< 1 U	< 1 U	4.1 J			
Copper	mg/kg	1720	50	280	1500 J-	25.4 J-	1970 J-	280	35	5.3 J-			
Iron	mg/kg	-	2000	2000	291000 B	9950 J	82900 J	15000	3600	9980 J			
Lead	mg/kg	450	63	400	2120 J-	25.9 J	1120 J	100	30	9.2 J			
Magnesium	mg/kg	-	-	-	8080 J+	1880 J+	3020 J+	2700	1200	2620 J+			
Manganese	mg/kg	2000	1600	2000	1190	1330 J	1210 J	85	75	140 J			
Mercury	mg/kg	0.73	0.18	0.3	5.7	0.18 J	4.3 J	0.47	0.17	0.12 J			
Nickel	mg/kg	130	30	87	317	13.5 J	596 J	380	62	12.3 J			
Potassium	mg/kg	-	-	-	373	613 J	538 J	780	580	1460 J			
Selenium	mg/kg	4	3.9	22	< 32 UJ	< 36 UJ	< 12 UJ	< 2 U	< 2 U	< 11 UJ			
Silver	mg/kg	8.3	2	22	1.7 J-	< 6 UJ	2.1 J-	< 0.42 U	< 0.42 U	< 2 UJ			
Sodium	mg/kg	-	-	-	< 221 U	< 1270 UJ	< 426 UJ	400 J	300 J	< 376 UJ			
Thallium	mg/kg	-	5	-	32.5 J	< 55 UJ	< 91 UJ	< 2 U	< 2 U	< 16 UJ			
Vanadium	mg/kg	-	39	100	14.3	4.8 J	12 J	27	8.3	26.4 J			
Zinc	mg/kg	2480	109	1300	6270 J+	164 J+	6780 J	3200	360	63.9 J+			
Miscellaneous													
Cyanide	mg/kg	40	2.3	2.6	< 1 U	< 8 UJ	< 3 UJ	< 0.26 U	< 0.21 UJ	< 2 UJ			
Total Organic Carbon (TOC)	mg/kg	-	-	-	84800	303000	107000	NA	NA	33500			

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-05	SD-05R	SD-05R	SD-06	SD-07	SD-08
Sample Name					SD-05-00-0.5	SD-05R-6-12	SD-05R-12-24	SD-06-00-0.5	SD-07-00-0.5	SD-08-00-0.5
Sample Date					10/29/2019	11/28/2022	11/28/2022	10/29/2019	10/29/2019	10/29/2019
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.057 U	< 0.019 U	< 0.028 U	< 0.15 UJ	< 0.035 U	< 0.16 UJ
Acetone	mg/kg	0.03	0.03	100	0.026 J	< 0.096 U	0.031 J	< 0.15 UJ	< 0.035 U	< 0.16 UJ
Chloroethane	mg/kg	1.9	1.9	-	< 0.011 U	< 0.019 U	< 0.028 U	< 0.03 UJ	< 0.0071 U	< 0.033 UJ
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.011 UJ	< 0.0019 U	< 0.0028 U	< 0.03 UJ	< 0.0071 U	< 0.033 UJ
Methyl Acetate	mg/kg	-	-	-	< 0.057 U	< 0.0019 U	< 0.0028 U	< 0.15 UJ	< 0.035 U	< 0.16 UJ
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.057 U	< 0.039 UJ	< 0.057 U	< 0.15 UJ	< 0.035 U	< 0.16 UJ
Methylene chloride	mg/kg	0.05	0.05	17	< 0.011 U	< 0.019 U	< 0.028 U	< 0.03 UJ	< 0.0071 U	< 0.033 UJ
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.011 U	< 0.0019 U	< 0.0028 U	< 0.03 UJ	< 0.0071 U	< 0.033 UJ
Toluene	mg/kg	0.7	0.7	100	< 0.011 U	< 0.0019 U	< 0.0028 U	< 0.03 UJ	< 0.0071 U	< 0.033 UJ
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 39 UJ	< 0.81 U	< 1 U	< 5 UJ	< 1 U	< 6 UJ
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 45 UJ	< 0.061 U	< 0.14 U	< 6 UJ	< 1 U	< 6 UJ
2,4-Dimethylphenol	mg/kg	-	-	-	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	< 0.41 U	< 0.51 U	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	< 75 UJ	< 0.41 U	< 0.51 U	< 10 UJ	< 2 U	< 11 UJ
4-Chloroaniline	mg/kg	0.22	0.22	100	< 39 UJ	< 0.8 U	< 0.98 U	< 5 UJ	< 1 U	< 6 UJ
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 75 UJ	NA	NA	< 10 UJ	< 2 U	< 11 UJ
4-Nitroaniline	mg/kg	-	-	-	< 75 UJ	< 0.41 U	< 0.51 U	< 10 UJ	< 2 U	< 11 UJ
Acenaphthene	mg/kg	98	20	100	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Acenaphthylene	mg/kg	365	100	100	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Acetophenone	mg/kg	-	-	-	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Anthracene	mg/kg	1000	100	100	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Benz(a)anthracene	mg/kg	1	1	1	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Benzaldehyde	mg/kg	-	-	-	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Benzo(a)pyrene	mg/kg	22	1	1	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Benzyl butyl phthalate	mg/kg	122	100	100	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	13 J	1.2 J	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Carpolactam	mg/kg	-	-	-	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Carbazole	mg/kg	-	-	-	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Chrysene	mg/kg	1	1	1.2	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Dibenzofuran	mg/kg	110	2.1	4.2	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Diethyl phthalate	mg/kg	7.1	7.1	100	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Di-n-octyl phthalate	mg/kg	120	100	100	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Fluoranthene	mg/kg	1000	85	100	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Fluorene	mg/kg	386	30	100	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 39 UJ	< 0.41 UJ	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Naphthalene	mg/kg	12	12	84	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Phenanthrene	mg/kg	1000	1.1	1.2	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Phenol	mg/kg	0.33	0.33	100	< 39 UJ	< 0.41 U	< 0.51 U	< 5 UJ	< 1 U	< 6 UJ
Pyrene	mg/kg	1000	64	100	< 39 UJ	< 0.21 U	< 0.25 U	< 5 UJ	< 1 U	< 6 UJ
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	0.11 NJ	< 0.0049 U	< 0.0059 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.019 UJ	0.00051 J	< 0.0059 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
4,4'-DDT	mg/kg	135	0.0033	0.78	0.16 J	< 0.0049 U	< 0.0059 U	0.0053 J	< 0.0024 U	< 0.052 UJ
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.019 UJ	< 0.0061 U	< 0.0074 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.019 UJ	< 0.0061 U	< 0.0074 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
alpha-Chlordane	mg/kg	4.5	0.014	0.14	< 0.019 UJ	NA	NA	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.019 UJ	< 0.0061 U	< 0.0074 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
delta-BHC	mg/kg	0.1	0.04	100	0.036 NJ	< 0.0061 U	< 0.0074 U	< 0.01 UJ	0.0011 J	< 0.052 UJ
Dieldrin	mg/kg	0.1	0.005	0.017	0.044 NJ	< 0.0049 U	< 0.0059 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
Endosulfan I	mg/kg	65	4.3	8.4	0.23 NJ	< 0.0061 U	< 0.0074 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
Endosulfan II	mg/kg	44	4.3	8.4	< 0.019 U	< 0.0097 U	< 0.012 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
Endrin	mg/kg	0.06	0.014	1.2	< 0.019 U	< 0.0097 U	< 0.012 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-05	SD-05R	SD-05R	SD-06	SD-07	SD-08
Sample Name					SD-05-00-0.5	SD-05R-6-12	SD-05R-12-24	SD-06-00-0.5	SD-07-00-0.5	SD-08-00-0.5
Sample Date					10/29/2019	11/28/2022	11/28/2022	10/29/2019	10/29/2019	10/29/2019
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Endrin aldehyde	mg/kg	-	-	-	0.027 J	< 0.0097 U	< 0.012 U	< 0.01 UJ	0.0044	< 0.052 UJ
Endrin ketone	mg/kg	-	-	-	0.021 J	< 0.0097 U	< 0.012 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	0.0054 J	< 0.0024 U	< 0.003 UJ	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
Gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.019 UJ	NA	NA	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.019 UJ	< 0.0061 U	< 0.0074 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.019 UJ	< 0.0061 U	< 0.0074 U	< 0.01 UJ	< 0.0024 U	< 0.052 UJ
Methoxychlor	mg/kg	900	1.2	100	0.054 NJ	< 0.061 U	< 0.074 U	< 0.01 UJ	< 0.0024 U	0.016 J
Polychlorinated Biphenyls (PCBs)										
Aroclor 1242	mg/kg	-	-	-	< 1 UJ	< 0.097 U	< 0.12 U	< 2 UJ	< 0.31 U	< 2 UJ
Aroclor 1248	mg/kg	-	-	-	< 1 UJ	< 0.097 U	< 0.12 U	< 2 UJ	< 0.31 U	< 2 UJ
Aroclor 1254	mg/kg	-	-	-	1.9 J	< 0.097 U	< 0.12 U	< 2 UJ	< 0.31 U	< 2 UJ
Aroclor 1260	mg/kg	-	-	-	< 1 UJ	< 0.097 U	< 0.12 U	< 2 UJ	< 0.31 U	< 2 UJ
Aroclor 1268	mg/kg	-	-	-	< 1 UJ	< 0.097 U	< 0.12 U	< 2 UJ	< 0.31 U	< 2 UJ
PCB (total)	mg/kg	3.2	0.1	1	1.9	ND	ND	ND	ND	ND
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	4970 J+	1600	7800	17600 J-	2150	666 J
Antimony	mg/kg	-	12	-	17.7 J+	< 1.9 U	< 2.4 U	4.2 J	< 22 U	< 103 UJ
Arsenic	mg/kg	16	13	16	28.6 J+	1.5 J	< 4.9 U	5.8 J	1.1 J	< 14 UJ
Barium	mg/kg	820	410	410	436 J	17	68	545 J	6.4 J+	68.9 J+
Beryllium	mg/kg	47	4.4	8.8	0.16 J	< 0.19 U	< 0.24 U	0.55 J	< 0.29 U	< 1 UJ
Cadmium	mg/kg	7.5	2.5	2.5	18.3 J	< 0.38 U	< 0.49 U	1.7 J	< 0.29 U	0.74 J
Calcium	mg/kg	-	10000	-	9090 J	1100	2800	20800 J	109 B	6510 J
Chromium (total)	mg/kg	19	1	1	198 J	1.9	6.7	17.8 J	2.1 B	< 3 UJ
Cobalt	mg/kg	-	20	30	22.5 J	< 1.9 U	< 2.4 U	6.9 J	0.13 J-	0.34 J-
Copper	mg/kg	1720	50	280	746 J-	2.1	6	54.2 J	0.99 J	17.9 J
Iron	mg/kg	-	2000	2000	197000 J	3200	15000	24800 J	798	1050 J
Lead	mg/kg	450	63	400	628 J-	2.3	5.2	54 J	7.1	8.2 J
Magnesium	mg/kg	-	-	-	1390 J+	170	1100	3140 J	226	1340 J
Manganese	mg/kg	2000	1600	2000	371 J	7.9	55	4880 J	8.3	184 J
Mercury	mg/kg	0.73	0.18	0.3	1.5 J	< 0.03 U	0.08	0.24 J	0.062	0.15 J
Nickel	mg/kg	130	30	87	219 J	0.87	24	51.1 J	0.47 J	< 34 UJ
Potassium	mg/kg	-	-	-	604 J	140 J	220 J	1400 J	261	1150 J
Selenium	mg/kg	4	3.9	22	< 18 UJ	< 3.8 U	< 4.9 U	< 25 UJ	0.66 J	< 27 UJ
Silver	mg/kg	8.3	2	22	< 1 UJ	< 0.38 U	< 0.49 U	< 4 UJ	< 1 U	< 4 UJ
Sodium	mg/kg	-	-	-	< 309 UJ	< 190 U	< 240 U	< 869 UJ	< 206 U	< 959 UJ
Thallium	mg/kg	-	5	-	12.4 J	< 1.9 U	< 2.4 U	< 37 UJ	< 9 U	< 41 UJ
Vanadium	mg/kg	-	39	100	12.6 J	20	21	28.5 J	6.2 J+	1.9 J+
Zinc	mg/kg	2480	109	1300	2610 J+	11	120	474 J+	6.2 J+	72 J+
Miscellaneous										
Cyanide	mg/kg	40	2.3	2.6	< 2 UJ	< 0.13 U	R	< 6 UJ	< 1 U	< 6 UJ
Total Organic Carbon (TOC)	mg/kg	-	-	-	110000	NA	NA	177000	21000	377000

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-09	SD-10	SD-10	SD-11	SD-12	SD-17
Sample Name					SD-09-00-0.5	SD-10-00-0.5	SD-60-00-0.5	SD-11-00-0.5	SD-12-00-0.5	SD-17-0-6
Sample Date					10/29/2019	10/29/2019	10/29/2019	10/29/2019	10/29/2019	10/25/2022
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Unit	Criteria					Field Duplicate			
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.15 UJ	< 0.061 U	< 1 UJ	< 0.034 U	< 0.12 UJ	< 0.013 U
Acetone	mg/kg	0.03	0.03	100	< 0.15 UJ	< 0.061 U	< 1 UJ	< 0.034 U	0.021 J	0.1 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.03 UJ	< 0.012 U	< 0.11 UJ	< 0.0068 U	< 0.024 UJ	< 0.003 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.03 UJ	< 0.012 U	< 0.11 UJ	< 0.0068 U	< 0.024 UJ	< 0.002 U
Methyl Acetate	mg/kg	-	-	-	< 0.15 UJ	< 0.061 U	< 1 UJ	< 0.034 U	< 0.12 UJ	< 0.003 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.15 UJ	< 0.061 U	< 1 UJ	< 0.034 U	< 0.12 UJ	< 0.013 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.03 UJ	< 0.012 U	< 0.11 UJ	< 0.0068 U	< 0.024 UJ	< 0.003 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.03 UJ	< 0.012 U	< 0.11 UJ	< 0.0068 U	< 0.024 UJ	< 0.002 U
Toluene	mg/kg	0.7	0.7	100	< 0.03 UJ	< 0.012 U	< 0.11 UJ	< 0.0068 U	< 0.024 UJ	< 0.001 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.085 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 6 UJ	< 0.49 UJ	< 5 UJ	< 1 U	< 5 UJ	NA
2,4-Dimethylphenol	mg/kg	-	-	-	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.14 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.12 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	< 0.11 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	< 0.11 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 10 UJ	< 1 UJ	< 9 UJ	< 2 U	< 8 UJ	< 0.098 UJ
4-Chloroaniline	mg/kg	0.22	0.22	100	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.07 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 10 UJ	0.078 J	< 9 UJ	< 2 U	< 8 UJ	NA
4-Nitroaniline	mg/kg	-	-	-	< 10 UJ	< 1 UJ	< 9 UJ	< 2 U	< 8 UJ	< 0.11 UJ
Acenaphthene	mg/kg	98	20	100	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
Acenaphthylene	mg/kg	365	100	100	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
Acetophenone	mg/kg	-	-	-	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
Anthracene	mg/kg	1000	100	100	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
Benz(a)anthracene	mg/kg	1	1	1	< 5 UJ	0.046 J	< 4 UJ	< 1 U	< 4 UJ	< 0.096 U
Benzaldehyde	mg/kg	-	-	-	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.052 U
Benzo(a)pyrene	mg/kg	22	1	1	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.093 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 5 UJ	0.075 J	< 4 UJ	< 1 U	< 4 UJ	< 0.095 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.12 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.093 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.098 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
Carpolactam	mg/kg	-	-	-	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.077 U
Carbazole	mg/kg	-	-	-	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.1 U
Chrysene	mg/kg	1	1	1.2	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.099 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.1 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.095 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.16 U
Fluoranthene	mg/kg	1000	85	100	< 5 UJ	0.087 J	< 4 UJ	< 1 U	< 4 UJ	< 0.1 U
Fluorene	mg/kg	386	30	100	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.004 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.12 U
Naphthalene	mg/kg	12	12	84	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.1 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
Phenol	mg/kg	0.33	0.33	100	< 5 UJ	< 0.42 UJ	< 4 UJ	< 1 U	< 4 UJ	< 0.12 U
Pyrene	mg/kg	1000	64	100	< 5 UJ	0.077 J	< 4 UJ	< 1 U	< 4 UJ	< 0.11 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	0.0053 J	< 0.0041 UJ	0.0039 J	< 0.0023 U	0.0049 J	< 0.001 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.02 UJ	0.00096 J	< 0.009 UJ	0.00069 J	< 0.016 UJ	0.0039 J
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.02 UJ	< 0.0041 UJ	0.0046 J	0.0022 J	< 0.016 UJ	< 0.001 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	< 0.001 U
alpha-BHC	mg/kg	0.02	0.02	0.042	0.012 J	< 0.0041 UJ	0.0024 J	< 0.0023 U	< 0.016 UJ	< 0.003 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.02 UJ	0.0041 J	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	< 0.003 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.02 UJ	< 0.0041 UJ	0.0024 J	< 0.0023 U	< 0.016 UJ	< 0.004 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	0.003 J
Endosulfan I	mg/kg	65	4.3	8.4	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	< 0.002 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	< 0.003 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	< 0.003 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-09			SD-10			SD-11			SD-12			SD-17		
Sample Name		SD-09-00-0.5			SD-10-00-0.5			SD-11-00-0.5			SD-12-00-0.5			SD-17-0-6		
Sample Date		10/29/2019			10/29/2019			10/29/2019			10/29/2019			10/25/2022		
Sample Depth Interval (ft bgs)		0 - 0.5 ft			0 - 0.5 ft			0 - 0.5 ft			0 - 0.5 ft			0 - 0.5 ft		
Analyte	Unit	Criteria						Field Duplicate								
		(1)	(2)	(3)												
Endrin aldehyde	mg/kg	-	-	-	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	< 0.006 U						
Endrin ketone	mg/kg	-	-	-	< 0.02 UJ	< 0.0041 UJ	0.0077 J	< 0.0023 U	< 0.016 UJ	< 0.004 U						
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.02 UJ	< 0.0041 UJ	0.0048 J	< 0.0023 U	< 0.016 UJ	< 0.001 U						
Gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	NA						
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	< 0.001 U						
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	< 0.001 U						
Methoxychlor	mg/kg	900	1.2	100	< 0.02 UJ	< 0.0041 UJ	< 0.009 UJ	< 0.0023 U	< 0.016 UJ	< 0.01 U						
Polychlorinated Biphenyls (PCBs)																
Aroclor 1242	mg/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 UJ	< 0.31 U	< 1 UJ	< 0.048 U						
Aroclor 1248	mg/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 UJ	< 0.31 U	< 1 UJ	< 0.045 U						
Aroclor 1254	mg/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 UJ	< 0.31 U	< 1 UJ	< 0.039 U						
Aroclor 1260	mg/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 UJ	< 0.31 U	< 1 UJ	< 0.047 U						
Aroclor 1268	mg/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 UJ	< 0.31 U	< 1 UJ	< 0.054 U						
PCB (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	ND	ND						
Metals and Inorganics																
Aluminum	mg/kg	-	10000	-	11100 J	7900 J	1070 J	2060	14500 J	8000						
Antimony	mg/kg	-	12	-	< 95 UJ	< 36 UJ	< 76 UJ	< 21 U	< 72 UJ	< 1 U						
Arsenic	mg/kg	16	13	16	3.6 J	1.8 J-	< 10 UJ	1.5 J-	3.3 J-	1.4 J						
Barium	mg/kg	820	410	410	99 J	66.7 J	64.6 J	16.4	64.9 J	91						
Beryllium	mg/kg	47	4.4	8.8	0.25 J	0.25 J	< 1 UJ	0.048 J	0.25 J	0.39						
Cadmium	mg/kg	7.5	2.5	2.5	1.5 J	0.28 J	0.42 J	0.14 J	1.2 J	0.69						
Calcium	mg/kg	-	10000	-	13500 J	906 J	13400 J	258 B	385 J	3400						
Chromium (total)	mg/kg	19	1	1	7.5 J	7 J	< 2 UJ	3.6 B	4.8 J	8.9						
Cobalt	mg/kg	-	20	30	2.3 J	0.78 J	0.47 J-	0.43 J	2.3 J	5.4						
Copper	mg/kg	1720	50	280	15.7 J	3.7 J	9.9 J	6	20.4 J	10						
Iron	mg/kg	-	2000	2000	5630 J-	2760 J-	1340 J	4980 J-	4650 J-	10000						
Lead	mg/kg	450	63	400	55.3 J	27.6 J	12.1 J	18.3	84.8 J	20						
Magnesium	mg/kg	-	-	-	2330 J	722 J	2230 J	213	320 J	1300						
Manganese	mg/kg	2000	1600	2000	628 J	15.4 J	101 J	48.4	28.4 J	140						
Mercury	mg/kg	0.73	0.18	0.3	0.37 J	0.16 J	0.11 J	0.057	0.28 J	0.058						
Nickel	mg/kg	130	30	87	7.8 J	2.9 J	2 J	1.9 J	9.4 J	7.6						
Potassium	mg/kg	-	-	-	654 J	716 J	1110 J	244	445 J	350						
Selenium	mg/kg	4	3.9	22	< 25 UJ	< 10 UJ	< 20 UJ	< 6 UJ	4.2 J-	< 1 U						
Silver	mg/kg	8.3	2	22	< 4 UJ	< 1 UJ	< 3 UJ	< 1 U	< 3 UJ	< 0.19 U						
Sodium	mg/kg	-	-	-	< 884 UJ	< 334 UJ	< 713 UJ	< 197 U	< 669 UJ	< 36 U						
Thallium	mg/kg	-	5	-	< 38 UJ	< 14 UJ	< 30 UJ	< 8 U	< 29 UJ	< 1 U						
Vanadium	mg/kg	-	39	100	9.4 J	10.5 J	2.4 J	10.5	7.5 J	17						
Zinc	mg/kg	2480	109	1300	76.7 J+	16.6 J+	60.3 J+	9.2 J+	71.3 J+	120						
Miscellaneous																
Cyanide	mg/kg	40	2.3	2.6	< 6 UJ	< 2 UJ	< 5 UJ	< 1 U	< 4 UJ	0.51 J						
Total Organic Carbon (TOC)	mg/kg	-	-	-	164000	65200 J	268000 J	27400	180000 J	27000 J						

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-17	SD-17	SD-18	SD-18	SD-19	SD-19
Sample Name					SD-17-6-12	SD-17-12-24	SD-18-0-6	SD-18-6-12	SD-19-0-6	FD1-20221025
Sample Date					10/25/2022	10/25/2022	10/25/2022	11/30/2022	10/25/2022	10/25/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Unit	Criteria								Field Duplicate
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.011 U	< 0.008 U	< 0.011 U	< 0.008 U	< 0.077 U	< 0.072 U
Acetone	mg/kg	0.03	0.03	100	0.02 J	0.014 J	0.041 J	0.014 J	< 0.12 U	0.16 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.017 U	< 0.016 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.01 U	< 0.009 U
Methyl Acetate	mg/kg	-	-	-	< 0.003 U	< 0.002 U	< 0.003 U	< 0.002 U	< 0.02 U	< 0.019 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.011 U	< 0.008 U	< 0.011 U	< 0.008 U	< 0.077 U	< 0.072 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.003 U	< 0.002 U	< 0.003 U	< 0.002 U	< 0.02 U	< 0.019 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 UJ	< 0.009 U	< 0.008 U
Toluene	mg/kg	0.7	0.7	100	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.007 U	< 0.006 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.1 U	< 0.071 U	< 0.18 U	< 0.078 U	< 0.39 U	< 0.46 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	R	NA	NA
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.17 U	< 0.11 U	< 0.29 U	< 0.13 U	< 0.63 U	< 0.74 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.15 U	< 0.1 U	< 0.25 U	< 0.11 U	< 0.55 U	< 0.64 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.14 U	< 0.096 U	< 0.24 U	< 0.11 U	< 1 U	< 1 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.14 U	< 0.096 U	< 0.24 U	< 0.11 U	< 0.53 U	< 0.62 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.12 UJ	< 0.082 UJ	< 0.21 UJ	< 0.091 U	< 0.45 UJ	0.87 J
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.086 U	< 0.059 U	< 0.15 U	< 0.065 U	< 0.32 U	< 0.38 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.13 UJ	< 0.092 UJ	< 0.23 UJ	< 0.1 U	< 0.5 UJ	< 0.59 UJ
Acenaphthene	mg/kg	98	20	100	< 0.14 U	< 0.092 U	< 0.23 U	< 0.1 U	< 0.51 U	< 0.6 U
Acenaphthylene	mg/kg	365	100	100	< 0.13 U	< 0.091 U	< 0.23 U	< 0.1 U	< 0.5 U	< 0.58 U
Acetophenone	mg/kg	-	-	-	< 0.13 U	< 0.089 U	< 0.23 U	< 0.098 U	< 0.49 U	< 0.57 U
Anthracene	mg/kg	1000	100	100	< 0.13 U	< 0.092 U	< 0.23 U	< 0.1 U	< 0.5 U	< 0.59 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.12 U	< 0.081 U	< 0.2 U	< 0.089 U	< 0.44 U	< 0.52 U
Benzaldehyde	mg/kg	-	-	-	0.065 J	< 0.043 U	0.14 J	0.22 J	0.46 J	0.52 J
Benzo(a)pyrene	mg/kg	22	1	1	< 0.11 U	< 0.078 U	< 0.2 U	< 0.086 U	< 0.43 U	< 0.5 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.12 U	< 0.08 U	< 0.2 U	< 0.088 U	< 0.44 U	< 0.51 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.14 U	< 0.098 U	< 0.25 U	< 0.11 U	< 0.54 U	< 0.63 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.11 U	< 0.078 U	< 0.2 U	< 0.086 U	< 0.43 U	< 0.5 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.12 U	< 0.082 U	3.1	0.26 J	< 0.45 U	< 0.53 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.13 U	< 0.09 U	8.9	0.38 J	< 0.5 U	< 0.58 U
Carpolactam	mg/kg	-	-	-	< 0.095 U	< 0.065 U	< 0.16 U	< 0.071 U	< 0.35 U	< 0.42 U
Carbazole	mg/kg	-	-	-	< 0.13 U	< 0.088 U	< 0.22 U	< 0.097 U	< 0.48 U	< 0.57 U
Chrysene	mg/kg	1	1	1.2	< 0.12 U	< 0.083 U	< 0.21 U	< 0.092 U	< 0.46 U	< 0.54 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.13 U	< 0.09 U	< 0.23 U	< 0.099 U	< 0.49 U	< 0.58 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.13 U	< 0.089 U	< 0.23 U	< 0.099 U	< 0.49 U	< 0.58 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.12 U	< 0.085 U	< 0.22 U	< 0.094 U	< 0.47 U	< 0.55 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.12 U	< 0.079 U	0.56 J	< 0.088 U	< 0.44 U	< 0.51 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.19 U	< 0.13 U	< 0.34 U	< 0.15 U	< 0.72 U	< 0.85 U
Fluoranthene	mg/kg	1000	85	100	< 0.12 U	< 0.084 U	< 0.21 U	< 0.093 U	< 0.46 U	< 0.55 U
Fluorene	mg/kg	386	30	100	< 0.13 U	< 0.092 U	< 0.23 U	< 0.1 U	< 0.5 U	< 0.59 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.004 U	< 0.003 U	< 0.077 U	< 0.003 U	< 0.082 U	< 0.57 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.15 U	< 0.1 U	< 0.26 U	< 0.11 U	< 0.56 U	< 0.66 U
Naphthalene	mg/kg	12	12	84	< 0.13 U	< 0.09 U	< 0.23 U	< 0.1 U	< 0.49 U	< 0.58 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.13 U	< 0.088 U	< 0.22 U	< 0.097 U	< 0.48 U	< 0.57 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.13 U	< 0.087 U	< 0.22 U	< 0.096 U	< 0.48 U	< 0.56 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.13 U	< 0.092 U	< 0.23 U	< 0.1 U	< 0.5 U	< 0.59 U
Phenol	mg/kg	0.33	0.33	100	< 0.15 U	< 0.1 U	< 0.25 U	< 0.11 U	< 0.55 U	< 0.65 U
Pyrene	mg/kg	1000	64	100	< 0.13 U	< 0.089 U	< 0.22 U	< 0.098 U	< 0.49 U	< 0.57 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.002 U	< 0.001 U	< 0.026 U	< 0.001 U	< 0.028 U	< 0.006 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.001 U	< 0.001 U	< 0.014 U	< 0.001 U	< 0.015 U	0.016 J
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.001 U	< 0.001 U	< 0.016 U	< 0.001 U	< 0.017 U	< 0.004 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.001 U	< 0.001 U	< 0.015 U	< 0.001 U	< 0.016 U	< 0.004 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.004 U	< 0.003 U	< 0.072 U	< 0.003 U	< 0.077 U	< 0.018 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.004 U	< 0.002 U	< 0.061 U	< 0.003 U	< 0.065 U	< 0.016 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.005 U	< 0.003 U	< 0.082 U	< 0.004 U	< 0.087 U	< 0.021 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.001 U	< 0.00049 U	< 0.012 U	< 0.001 U	< 0.013 U	< 0.003 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.003 U	< 0.002 U	< 0.058 U	< 0.002 U	< 0.062 U	0.07
Endosulfan II	mg/kg	44	4.3	8.4	< 0.003 U	< 0.002 U	< 0.059 U	< 0.003 U	< 0.063 U	< 0.015 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.003 U	< 0.002 U	< 0.058 U	< 0.002 U	< 0.062 U	< 0.015 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-17			SD-17			SD-18			SD-18			SD-19			SD-19		
Sample Name		SD-17-6-12			SD-17-12-24			SD-18-0-6			SD-18-6-12			SD-19-0-6			FD1-20221025		
Sample Date		10/25/2022			10/25/2022			10/25/2022			11/30/2022			10/25/2022			10/25/2022		
Sample Depth Interval (ft bgs)		0.5 - 1 ft			1 - 2 ft			0 - 0.5 ft			0.5 - 1 ft			0 - 0.5 ft			0 - 0.5 ft		
Analyte	Unit	Criteria																	Field Duplicate
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	< 0.008 U	< 0.005 U	< 0.14 U	< 0.006 U	< 0.14 U	< 0.035 U	< 0.006 U	< 0.006 U	< 0.14 U	< 0.006 U	< 0.006 U	< 0.035 U	< 0.006 U	< 0.006 U	< 0.035 U
Endrin ketone	mg/kg	-	-	-	< 0.004 U	< 0.003 U	< 0.076 U	< 0.003 U	< 0.081 U	< 0.019 U	< 0.003 U	< 0.003 U	< 0.081 U	< 0.003 U	< 0.003 U	< 0.019 U	< 0.003 U	< 0.003 U	< 0.019 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.001 U	< 0.001 U	< 0.016 U	< 0.001 U	< 0.017 U	< 0.004 U	< 0.001 U	< 0.001 U	< 0.017 U	< 0.001 U	< 0.001 U	< 0.004 U	< 0.001 U	< 0.001 U	< 0.004 U
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.001 U	< 0.001 U	< 0.018 U	< 0.001 U	< 0.02 U	< 0.005 U	< 0.001 U	< 0.001 U	< 0.02 U	< 0.001 U	< 0.001 U	< 0.005 U	< 0.001 U	< 0.001 U	< 0.005 U
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.001 U	< 0.001 U	< 0.015 U	< 0.001 U	< 0.016 U	< 0.004 U	< 0.001 U	< 0.001 U	< 0.016 U	< 0.001 U	< 0.001 U	< 0.004 U	< 0.001 U	< 0.001 U	< 0.004 U
Methoxychlor	mg/kg	900	1.2	100	< 0.012 U	< 0.008 U	< 0.21 U	< 0.009 U	< 0.23 U	< 0.054 U	< 0.009 U	< 0.009 U	< 0.23 U	< 0.009 U	< 0.009 U	< 0.054 U	< 0.009 U	< 0.009 U	< 0.054 U
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.059 U	< 0.04 U	< 0.25 U	< 0.044 U	< 0.22 U	< 0.26 U	< 0.044 U	< 0.044 U	< 0.22 U	< 0.044 U	< 0.044 U	< 0.22 U	< 0.044 U	< 0.044 U	< 0.26 U
Aroclor 1248	mg/kg	-	-	-	< 0.055 U	< 0.037 U	8.1	0.4 D	< 0.2 U	< 0.24 U	< 0.037 U	< 0.037 U	< 0.2 U	< 0.037 U	< 0.037 U	< 0.24 U	< 0.037 U	< 0.037 U	< 0.24 U
Aroclor 1254	mg/kg	-	-	-	< 0.048 U	< 0.033 U	7	0.47 D	0.35 J	0.31 J	< 0.033 U	< 0.033 U	0.35 J	< 0.033 U	< 0.033 U	0.31 J	< 0.033 U	< 0.033 U	0.31 J
Aroclor 1260	mg/kg	-	-	-	< 0.058 U	< 0.039 U	1.9	0.12 D	< 0.21 U	< 0.25 U	< 0.039 U	< 0.039 U	< 0.21 U	< 0.039 U	< 0.039 U	< 0.25 U	< 0.039 U	< 0.039 U	< 0.25 U
Aroclor 1268	mg/kg	-	-	-	< 0.067 U	< 0.046 U	< 0.29 U	< 0.05 U	< 0.25 U	< 0.29 U	< 0.046 U	< 0.046 U	< 0.25 U	< 0.046 U	< 0.046 U	< 0.29 U	< 0.046 U	< 0.046 U	< 0.29 U
PCB (total)	mg/kg	3.2	0.1	1	ND	ND	17	0.99	0.35	0.31	0.99	0.99	0.35	0.99	0.99	0.31	0.99	0.99	0.31
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	15000	16000	5400	2900	4500	5600	15000	16000	5400	2900	4500	5600	15000	16000	5400
Antimony	mg/kg	-	12	-	< 1 U	< 0.44 U	< 1 U	< 0.49 U	< 2 U	< 3 U	< 0.44 U	< 0.44 U	< 0.49 U	< 0.44 U	< 0.44 U	< 2 U	< 0.44 U	< 0.44 U	< 3 U
Arsenic	mg/kg	16	13	16	2.7 J	3.5 J	8.1	5.6	4.8 J	7.6 J	3.5 J	3.5 J	5.6	4.8 J	4.8 J	7.6 J	3.5 J	3.5 J	7.6 J
Barium	mg/kg	820	410	410	190	230	190	98	240	220	190	190	98	240	240	220	190	190	220
Beryllium	mg/kg	47	4.4	8.8	0.78	0.84	< 0.067 U	< 0.058 U	< 0.29 U	< 0.35 U	< 0.067 U	< 0.067 U	< 0.058 U	< 0.067 U	< 0.067 U	< 0.35 U	< 0.067 U	< 0.067 U	< 0.35 U
Cadmium	mg/kg	7.5	2.5	2.5	0.44 J	< 0.13 U	7.9	2.5	3.5	2.6 J	< 0.13 U	< 0.13 U	2.5	< 0.13 U	< 0.13 U	2.6 J	< 0.13 U	< 0.13 U	2.6 J
Calcium	mg/kg	-	10000	-	3100	2000	5100	2100	19000	17000	3100	2000	5100	2100	19000	17000	3100	2000	5100
Chromium (total)	mg/kg	19	1	1	17	20	14	11	5.9	7.1	17	20	14	11	5.9	7.1	17	20	7.1
Cobalt	mg/kg	-	20	30	6.4	6.1	6.3	< 0.24 U	11 J	9.2 J	6.4	6.1	6.3	< 0.24 U	< 0.24 U	11 J	6.4	6.1	9.2 J
Copper	mg/kg	1720	50	280	8.1	7	360	120	78	75	8.1	7	360	120	78	75	8.1	7	75
Iron	mg/kg	-	2000	2000	22000	25000	31000	12000	32000	38000	22000	25000	31000	12000	32000	38000	22000	25000	38000
Lead	mg/kg	450	63	400	12	5.5	210	52	54	76	12	5.5	210	52	54	76	12	5.5	76
Magnesium	mg/kg	-	-	-	2400	2900	990	460	1300	1300	2400	2900	990	460	1300	1300	2400	2900	1300
Manganese	mg/kg	2000	1600	2000	340	450	300	120	1900 J	1100 J	340	450	300	120	1900 J	1100 J	340	450	1100 J
Mercury	mg/kg	0.73	0.18	0.3	0.026 J	0.0092 J	0.39	0.14	0.26	0.27	0.026 J	0.0092 J	0.39	0.14	0.26	0.27	0.026 J	0.0092 J	0.27
Nickel	mg/kg	130	30	87	12	12	80	25	39	38	12	12	80	25	39	38	12	12	38
Potassium	mg/kg	-	-	-	710	820	200 J	120 J	390 J	430 J	710	820	200 J	120 J	390 J	430 J	710	820	430 J
Selenium	mg/kg	4	3.9	22	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 6 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 6 U	< 1 U	< 1 U	< 6 U
Silver	mg/kg	8.3	2	22	< 0.23 U	< 0.15 U	< 0.2 U	< 0.17 U	< 1 U	< 1 U	< 0.23 U	< 0.15 U	< 0.2 U	< 0.17 U	< 1 U	< 1 U	< 0.23 U	< 0.15 U	< 1 U
Sodium	mg/kg	-	-	-	< 43 U	30 J	44 J	< 32 U	< 160 U	< 190 U	< 43 U	< 43 U	< 32 U	< 160 U	< 160 U	< 190 U	< 43 U	< 43 U	< 190 U
Thallium	mg/kg	-	5	-	< 1 U	< 1 U	< 1 U	< 1 U	< 4 U	< 5 U	< 1 U	< 1 U	< 1 U	< 1 U	< 4 U	< 5 U	< 1 U	< 1 U	< 5 U
Vanadium	mg/kg	-	39	100	31	38	15	10	17	20	31	38	15	10	17	20	31	38	20
Zinc	mg/kg	2480	109	1300	69	28	1100	890	700	650	69	28	1100	890	700	650	69	28	650
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	0.74 J	2.9	1.5	0.22	1.7 J	2.4 J	0.74 J	2.9	1.5	0.22	1.7 J	2.4 J	0.74 J	2.9	2.4 J
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	180000 J	NA	NA	NA	NA	NA	180000 J	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed, ND - Non Detect
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
J- - Reported concentration is an estimated value, and may be biased low.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.
D - Result reported from a secondary dilution analysis.
NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-19	SD-19	SD-20	SD-20	SD-20	SD-21
Sample Name					SD-19-6-12	SD-19-12-24	SD-20-0-6	SD-20-6-12	SD-20-12-24	SD-21-0-6
Sample Date					10/25/2022	10/25/2022	10/25/2022	12/1/2022	12/1/2022	11/30/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.029 U	< 0.009 U	< 0.026 U	< 0.032 U	< 0.035 U	< 0.016 U
Acetone	mg/kg	0.03	0.03	100	0.082 J	< 0.014 U	0.11 J	0.023 J	0.076 J	0.055 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.006 U	< 0.002 U	< 0.006 U	< 0.032 U	< 0.035 U	< 0.004 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.004 U	< 0.001 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.002 U
Methyl Acetate	mg/kg	-	-	-	< 0.007 U	< 0.002 U	< 0.007 U	< 0.003 U	< 0.004 U	< 0.004 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.029 U	< 0.009 U	< 0.026 U	< 0.065 U	< 0.07 U	< 0.016 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.007 U	< 0.002 U	< 0.007 U	< 0.032 U	< 0.035 U	< 0.004 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.003 U	< 0.001 U	< 0.003 U	< 0.003 U	< 0.004 U	< 0.002 U
Toluene	mg/kg	0.7	0.7	100	< 0.003 U	< 0.001 U	< 0.002 U	< 0.003 U	< 0.004 U	< 0.002 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.17 U	< 0.091 U	< 0.35 U	< 0.99 U	< 1.1 U	< 0.1 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	< 0.074 U	< 0.084 U	R
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.27 U	< 0.15 U	< 0.56 U	< 0.5 U	< 0.57 U	< 0.16 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.24 U	< 0.13 U	< 0.48 U	< 0.25 U	< 0.29 U	< 0.14 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.23 U	< 0.12 U	< 0.47 U	< 0.5 U	< 1 U	< 0.14 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.23 U	< 0.12 U	< 0.47 U	< 0.5 U	< 0.57 U	< 0.14 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.2 U	< 0.11 U	< 0.4 U	< 0.5 U	< 0.57 U	< 0.12 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.14 U	< 0.075 U	< 0.29 U	< 0.97 U	< 1.1 U	< 0.083 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.22 U	< 0.12 U	< 0.45 U	< 0.5 U	< 0.57 U	< 0.13 U
Acenaphthene	mg/kg	98	20	100	< 0.22 U	< 0.12 U	< 0.45 U	< 0.25 U	< 0.29 U	< 0.13 U
Acenaphthylene	mg/kg	365	100	100	< 0.22 U	< 0.12 U	< 0.44 U	< 0.25 U	< 0.29 U	< 0.13 U
Acetophenone	mg/kg	-	-	-	< 0.21 U	< 0.11 U	< 0.43 U	< 0.5 U	< 0.57 U	< 0.13 U
Anthracene	mg/kg	1000	100	100	< 0.22 U	< 0.12 U	< 0.45 U	< 0.25 U	< 0.29 U	< 0.13 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.19 U	< 0.1 U	< 0.39 U	< 0.25 U	< 0.29 U	< 0.11 U
Benzaldehyde	mg/kg	-	-	-	0.12 J	< 0.056 U	0.5 J	< 0.5 U	< 0.57 U	0.1 J
Benzo(a)pyrene	mg/kg	22	1	1	< 0.19 U	< 0.099 U	< 0.38 U	< 0.25 U	< 0.29 U	< 0.11 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.19 U	< 0.1 U	< 0.39 U	< 0.25 U	< 0.29 U	< 0.11 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.23 U	< 0.12 U	< 0.48 U	< 0.25 U	< 0.29 U	< 0.14 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.19 U	< 0.099 U	< 0.38 U	< 0.25 U	< 0.29 U	< 0.11 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.2 U	< 0.1 U	8.4	< 0.5 U	< 0.57 U	< 0.12 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.22 U	< 0.12 U	98	< 0.5 U	< 0.57 U	< 0.13 U
Carpolactam	mg/kg	-	-	-	< 0.15 U	< 0.082 U	< 0.31 U	< 0.5 U	< 0.57 U	< 0.092 U
Carbazole	mg/kg	-	-	-	< 0.21 U	< 0.11 U	< 0.43 U	< 0.25 U	< 0.29 U	< 0.13 U
Chrysene	mg/kg	1	1	1.2	< 0.2 U	< 0.11 U	< 0.41 U	< 0.25 U	< 0.29 U	< 0.12 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.21 U	< 0.11 U	< 0.44 U	< 0.25 U	< 0.29 U	< 0.13 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.21 U	< 0.11 U	< 0.44 U	< 0.5 U	< 0.57 U	< 0.13 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.2 U	< 0.11 U	< 0.41 U	< 0.5 U	< 0.57 U	< 0.12 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.19 U	< 0.1 U	0.84 J	< 0.5 U	< 0.57 U	< 0.11 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.32 U	< 0.17 U	110	< 0.5 U	< 0.57 U	< 0.19 U
Fluoranthene	mg/kg	1000	85	100	< 0.2 U	< 0.11 U	0.44 J	< 0.25 U	< 0.29 U	< 0.12 U
Fluorene	mg/kg	386	30	100	< 0.22 U	< 0.12 U	< 0.45 U	< 0.25 U	< 0.29 U	< 0.13 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.007 U	< 0.004 U	< 0.43 U	NA	NA	< 0.004 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.25 U	< 0.13 U	< 0.5 U	< 0.25 U	< 0.29 U	< 0.15 U
Naphthalene	mg/kg	12	12	84	< 0.22 U	< 0.12 U	< 0.44 U	< 0.25 U	< 0.29 U	< 0.13 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.21 U	< 0.11 U	< 0.43 U	< 0.5 U	< 0.57 U	< 0.13 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.21 U	< 0.11 U	< 0.42 U	< 0.5 U	< 0.57 U	< 0.12 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.22 U	< 0.12 U	< 0.45 U	< 0.25 U	< 0.29 U	< 0.13 U
Phenol	mg/kg	0.33	0.33	100	< 0.24 U	< 0.13 U	< 0.49 U	< 0.5 U	< 0.57 U	< 0.14 U
Pyrene	mg/kg	1000	64	100	< 0.21 U	< 0.11 U	0.52 J	< 0.25 U	< 0.29 U	< 0.13 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.002 U	< 0.001 U	< 0.049 U	< 0.006 U	< 0.007 U	< 0.001 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.0076 J	0.0046 J	< 0.027 U	< 0.006 U	< 0.007 U	< 0.001 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.002 U	< 0.001 U	< 0.03 U	< 0.006 U	< 0.007 U	< 0.001 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.001 U	< 0.001 U	< 0.028 U	< 0.007 U	< 0.008 U	< 0.001 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.007 U	< 0.004 U	< 0.14 U	< 0.007 U	< 0.008 U	< 0.004 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.006 U	< 0.003 U	< 0.12 U	< 0.007 U	< 0.008 U	< 0.003 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.008 U	< 0.004 U	< 0.16 U	< 0.007 U	< 0.008 U	< 0.005 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.001 U	< 0.001 U	< 0.024 U	< 0.006 U	< 0.007 U	< 0.001 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.006 U	< 0.003 U	< 0.11 U	< 0.007 U	< 0.008 U	< 0.003 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.006 U	< 0.003 U	< 0.11 U	< 0.012 U	< 0.013 U	< 0.003 U
Endrin	ma/kg	0.06	0.014	1.2	< 0.005 U	< 0.003 U	< 0.11 U	< 0.012 U	< 0.013 U	< 0.003 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-19			SD-20			SD-21		
Sample Name		SD-19-6-12			SD-19-12-24			SD-20-0-6		
Sample Date		10/25/2022			10/25/2022			12/1/2022		
Sample Depth Interval (ft bgs)		0.5 - 1 ft			1 - 2 ft			0 - 0.5 ft		
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Endrin aldehyde	mg/kg	-	-	-	< 0.013 U	< 0.007 U	< 0.26 U	< 0.012 U	< 0.013 U	< 0.008 U
Endrin ketone	mg/kg	-	-	-	< 0.007 U	< 0.004 U	< 0.14 U	< 0.012 U	< 0.013 U	< 0.004 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.002 U	< 0.001 U	< 0.03 U	< 0.003 UJ	< 0.003 UJ	< 0.001 U
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.002 U	< 0.001 U	< 0.035 U	< 0.007 U	< 0.008 U	< 0.001 U
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.001 U	< 0.001 U	< 0.028 U	< 0.007 U	< 0.008 U	< 0.001 U
Methoxychlor	mg/kg	900	1.2	100	< 0.02 U	< 0.011 U	< 0.4 U	< 0.074 U	< 0.084 U	< 0.012 U
Polychlorinated Biphenyls (PCBs)										
Aroclor 1242	mg/kg	-	-	-	< 0.096 U	< 0.051 U	39	< 0.12 U	< 0.13 U	< 0.057 U
Aroclor 1248	mg/kg	-	-	-	< 0.089 U	< 0.048 U	< 1.8 U	< 0.12 U	< 0.13 U	< 0.053 U
Aroclor 1254	mg/kg	-	-	-	< 0.079 U	< 0.042 U	20	< 0.12 U	< 0.13 U	< 0.047 U
Aroclor 1260	mg/kg	-	-	-	< 0.094 U	< 0.05 U	5.1 J	< 0.12 U	< 0.13 U	< 0.056 U
Aroclor 1268	mg/kg	-	-	-	< 0.11 U	< 0.058 U	< 2.2 U	< 0.12 U	< 0.13 U	< 0.065 U
PCB (total)	mg/kg	3.2	0.1	1	ND	ND	64.1	ND	ND	ND
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	12000	22000	6200 J	32000	26000	17000
Antimony	mg/kg	-	12	-	< 1 U	< 1 U	< 1 U	< 2 U	< 3 U	< 1 U
Arsenic	mg/kg	16	13	16	< 1 U	2.6 J	15	1.6 J	2.4 J	< 6 U
Barium	mg/kg	820	410	410	160	230	1800	470	380	330
Beryllium	mg/kg	47	4.4	8.8	0.53	0.49	< 0.13 U	1.1	1.3	0.55
Cadmium	mg/kg	7.5	2.5	2.5	1.1	< 0.17 U	63 J-	< 0.47 U	< 1 U	< 0.19 U
Calcium	mg/kg	-	10000	-	6000	2100	25000	2900 B	3300 B	2900
Chromium (total)	mg/kg	19	1	1	10	21	98 J+	25	26	20
Cobalt	mg/kg	-	20	30	3.3 J	3.6	27	15	17	5.8
Copper	mg/kg	1720	50	280	12	2.2	2200 J	3.6	3.4	8.4
Iron	mg/kg	-	2000	2000	5300	24000	130000	25000	32000	13000
Lead	mg/kg	450	63	400	34	7	2000 J	12	19	19
Magnesium	mg/kg	-	-	-	1200	2100	5600 J	3400	3000	3000
Manganese	mg/kg	2000	1600	2000	150	130	510 J	390	590	190
Mercury	mg/kg	0.73	0.18	0.3	0.12	0.058	0.65	0.25	0.33	0.068
Nickel	mg/kg	130	30	87	12	9.4	650	16	14	14
Potassium	mg/kg	-	-	-	500 J	750	400 J+	1100	890	940
Selenium	mg/kg	4	3.9	22	< 2 U	< 1 U	< 2 UJ	< 5 U	< 5 U	< 1 U
Silver	mg/kg	8.3	2	22	< 0.38 U	< 0.21 U	2.3	< 0.47 U	< 1 U	< 0.23 U
Sodium	mg/kg	-	-	-	71 J	60 J	250 J	230 J	200 J	160 J
Thallium	mg/kg	-	5	-	< 2 U	< 1 U	< 2 UJ	< 2 U	< 3 U	< 1 U
Vanadium	mg/kg	-	39	100	14	29	15	37	62	38
Zinc	mg/kg	2480	109	1300	100	26	8900	51	62	43
Miscellaneous										
Cyanide	mg/kg	40	2.3	2.6	0.95 J	0.57 J	1.1 J	< 0.15 U	0.22	< 0.16 U
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-21	SD-21	SD-22	SD-22	SD-23	SD-23
Sample Name					SD-21-6-12	SD-21-12-24	SD-22-0-6	SD-22-6-10	SD-23-0-6	SD-23-6-12
Sample Date					11/30/2022	11/30/2022	10/24/2022	10/24/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 0.83 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.006 U	< 0.006 U	< 0.016 U	< 0.009 U	< 0.068 U	< 0.007 U
Acetone	mg/kg	0.03	0.03	100	0.016 J	0.02 J	0.061 J	< 0.014 U	< 0.11 U	0.014 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.001 U	< 0.001 U	< 0.004 U	< 0.002 U	< 0.015 U	< 0.002 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.008 U	< 0.001 U
Methyl Acetate	mg/kg	-	-	-	< 0.002 U	< 0.002 U	< 0.004 U	< 0.002 U	< 0.017 U	< 0.002 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.006 U	< 0.006 U	< 0.016 U	< 0.009 U	< 0.068 UJ	< 0.007 UJ
Methylene chloride	mg/kg	0.05	0.05	17	< 0.002 U	< 0.002 U	< 0.004 U	< 0.002 U	< 0.017 U	< 0.002 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.001 UJ	< 0.001 U	< 0.002 U	< 0.001 U	< 0.008 U	< 0.001 U
Toluene	mg/kg	0.7	0.7	100	< 0.001 U	< 0.001 U	0.0023 J	< 0.001 U	< 0.006 U	< 0.001 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.07 U	< 0.07 U	< 0.12 U	< 0.078 U	< 0.25 U	< 0.069 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	R	R	NA	NA	0.028	0.0042 J
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.11 U	< 0.11 U	< 0.2 U	< 0.13 U	< 0.41 U	< 0.11 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.098 U	< 0.098 U	< 0.17 U	< 0.11 U	< 0.35 U	< 0.097 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.094 U	< 0.095 U	< 0.17 U	< 0.11 U	< 0.34 U	< 0.094 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.094 U	< 0.094 U	< 0.17 U	< 0.11 U	< 0.34 U	< 0.094 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.081 U	< 0.081 U	< 0.14 U	< 0.091 U	< 0.29 U	< 0.08 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.057 U	< 0.058 U	< 0.1 U	< 0.064 U	< 0.21 U	< 0.057 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.09 U	< 0.09 U	< 0.16 U	< 0.1 U	< 0.32 U	< 0.089 U
Acenaphthene	mg/kg	98	20	100	< 0.09 U	< 0.091 U	< 0.16 U	< 0.1 U	< 0.33 U	< 0.09 U
Acenaphthylene	mg/kg	365	100	100	< 0.089 U	< 0.089 U	< 0.16 U	< 0.1 U	< 0.32 U	< 0.088 U
Acetophenone	mg/kg	-	-	-	< 0.087 U	< 0.087 U	< 0.16 U	< 0.098 U	< 0.31 U	< 0.087 U
Anthracene	mg/kg	1000	100	100	< 0.09 U	< 0.09 U	< 0.16 U	< 0.1 U	< 0.33 U	< 0.09 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.079 U	< 0.079 U	< 0.14 U	< 0.089 U	< 0.29 U	< 0.079 U
Benzaldehyde	mg/kg	-	-	-	< 0.043 U	< 0.043 U	0.11 J	< 0.048 U	0.44 J	< 0.042 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.076 U	< 0.076 U	< 0.14 U	< 0.086 U	< 0.28 U	< 0.076 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.078 U	< 0.078 U	< 0.14 U	< 0.088 U	< 0.28 U	< 0.078 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.096 U	< 0.096 U	< 0.17 U	< 0.11 U	< 0.35 U	< 0.095 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.076 U	< 0.076 U	< 0.14 UJ	< 0.086 UJ	< 0.28 U	< 0.076 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.08 U	< 0.08 U	2.4	< 0.09 U	< 0.29 U	< 0.08 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.089 UJ	< 0.089 U	12	< 0.099 U	< 0.32 U	< 0.088 U
Carpolactam	mg/kg	-	-	-	< 0.063 U	< 0.063 U	< 0.11 U	< 0.071 U	< 0.23 U	< 0.063 U
Carbazole	mg/kg	-	-	-	< 0.086 U	< 0.086 U	< 0.15 U	< 0.097 U	< 0.31 U	< 0.086 U
Chrysene	mg/kg	1	1	1.2	< 0.082 U	< 0.082 U	< 0.15 U	< 0.092 U	< 0.3 U	< 0.081 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.088 U	< 0.088 U	< 0.16 U	< 0.099 U	< 0.32 U	< 0.088 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.088 U	< 0.088 U	< 0.16 U	< 0.098 U	< 0.32 U	< 0.087 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.083 U	< 0.084 U	< 0.15 U	< 0.093 U	< 0.3 U	< 0.083 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.078 U	< 0.078 U	0.26 J	< 0.087 U	< 0.28 U	< 0.078 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.13 U	< 0.13 U	2.6	< 0.15 U	< 0.47 U	< 0.13 U
Fluoranthene	mg/kg	1000	85	100	< 0.083 U	< 0.083 U	< 0.15 U	< 0.093 U	< 0.3 U	< 0.082 U
Fluorene	mg/kg	386	30	100	< 0.09 U	< 0.09 U	< 0.16 U	< 0.1 U	< 0.33 U	< 0.09 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.003 U	< 0.003 U	NA	NA	< 0.011 U	< 0.003 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.1 U	< 0.1 U	< 0.18 U	< 0.11 U	< 0.36 U	< 0.1 U
Naphthalene	mg/kg	12	12	84	< 0.088 U	< 0.088 U	< 0.16 U	< 0.099 U	< 0.32 U	< 0.088 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.086 U	< 0.087 U	< 0.15 U	< 0.097 U	< 0.31 U	< 0.086 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.085 U	< 0.085 U	< 0.15 U	< 0.095 U	< 0.31 U	< 0.085 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.09 U	< 0.09 U	< 0.16 U	< 0.1 U	< 0.33 U	< 0.09 U
Phenol	mg/kg	0.33	0.33	100	< 0.098 U	< 0.098 U	< 0.17 U	< 0.11 U	< 0.35 U	< 0.098 U
Pyrene	mg/kg	1000	64	100	< 0.087 U	< 0.087 U	< 0.15 U	< 0.097 U	< 0.31 U	< 0.086 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.001 U	< 0.001 U	< 0.009 UJ	< 0.001 UJ	< 0.004 U	< 0.001 UJ
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.001 U	< 0.001 U	< 0.005 U	< 0.001 U	0.0065 J	0.00091 J
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.001 U	< 0.001 U	< 0.005 U	< 0.001 U	< 0.002 U	< 0.001 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.001 U	< 0.001 U	< 0.005 U	< 0.001 U	< 0.002 U	< 0.001 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.003 U	< 0.003 U	< 0.025 U	< 0.003 U	< 0.01 U	< 0.003 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.002 U	< 0.002 U	< 0.021 U	< 0.003 U	< 0.008 U	< 0.002 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.003 U	< 0.003 U	< 0.028 U	< 0.004 U	< 0.011 U	< 0.003 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.00048 U	< 0.00048 U	< 0.004 U	< 0.001 U	< 0.002 U	< 0.00048 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.002 U	< 0.002 U	< 0.02 U	< 0.002 U	< 0.008 U	< 0.002 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.002 U	< 0.002 U	< 0.02 U	< 0.002 U	< 0.008 U	< 0.002 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.002 U	< 0.002 U	< 0.02 U	< 0.002 U	< 0.008 U	< 0.002 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-21		SD-21		SD-22		SD-22		SD-23	
Sample Name		SD-21-6-12		SD-21-12-24		SD-22-0-6		SD-22-6-10		SD-23-0-6	
Sample Date		11/30/2022		11/30/2022		10/24/2022		10/24/2022		11/28/2022	
Sample Depth Interval (ft bgs)		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft		0.5 - 0.83 ft		0 - 0.5 ft	
Analyte	Unit	Criteria									
		(1)	(2)	(3)							
Endrin aldehyde	mg/kg	-	-	-	< 0.005 U	< 0.005 U	< 0.19 U	< 0.006 U	< 0.019 U	< 0.005 U	
Endrin ketone	mg/kg	-	-	-	< 0.003 U	< 0.003 U	< 0.026 U	< 0.003 U	< 0.011 U	< 0.003 U	
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.001 U	< 0.001 UJ	< 0.005 U	< 0.001 U	< 0.002 U	< 0.001 U	
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.001 U	< 0.001 U	< 0.006 U	< 0.001 U	< 0.003 U	< 0.001 U	
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.001 U	< 0.001 U	< 0.005 U	< 0.001 U	< 0.002 U	< 0.001 U	
Methoxychlor	mg/kg	900	1.2	100	< 0.008 U	< 0.008 U	< 0.073 U	< 0.009 U	< 0.029 U	< 0.007 UJ	
Polychlorinated Biphenyls (PCBs)											
Aroclor 1242	mg/kg	-	-	-	< 0.039 U	< 0.039 U	< 0.35 U	< 0.044 U	< 0.14 U	< 0.039 U	
Aroclor 1248	mg/kg	-	-	-	< 0.037 U	< 0.037 U	4.8	< 0.041 U	< 0.13 U	< 0.037 U	
Aroclor 1254	mg/kg	-	-	-	< 0.032 U	< 0.032 U	4.7	< 0.038 U	< 0.12 U	< 0.032 U	
Aroclor 1260	mg/kg	-	-	-	< 0.038 U	< 0.039 U	1.1	< 0.043 U	< 0.14 U	< 0.038 U	
Aroclor 1268	mg/kg	-	-	-	< 0.045 U	< 0.045 U	< 0.4 U	< 0.05 U	< 0.16 UJ	< 0.044 UJ	
PCB (total)	mg/kg	3.2	0.1	1	ND	ND	10.6	ND	ND	ND	
Metals and Inorganics											
Aluminum	mg/kg	-	10000	-	12000	14000	12000	17000	11000	NA	
Antimony	mg/kg	-	12	-	< 0.45 U	< 0.45 U	< 1 U	< 0.48 U	< 2 U	< 0.44 U	
Arsenic	mg/kg	16	13	16	< 4 U	< 4 U	7.7	6.9	20	7.6	
Barium	mg/kg	820	410	410	210	240	610	250	360	190	
Beryllium	mg/kg	47	4.4	8.8	0.35	0.45	0.29 J	0.42	< 0.18 U	0.35 B	
Cadmium	mg/kg	7.5	2.5	2.5	< 0.13 U	< 0.13 U	12	0.41 J	0.98 J	< 0.13 U	
Calcium	mg/kg	-	10000	-	1700	1600	8100	2100	8400	1800	
Chromium (total)	mg/kg	19	1	1	15	17	33	19	13	14	
Cobalt	mg/kg	-	20	30	4.7	4.8	13	4.8	3.1 J	3.4	
Copper	mg/kg	1720	50	280	4.1	5	810	13	17	2	
Iron	mg/kg	-	2000	2000	13000	16000	4600	3100	9900	12000	
Lead	mg/kg	450	63	400	4.7	4.8	450	12	26	7.1	
Magnesium	mg/kg	-	-	-	2300	2700	400	740	2200	1900	
Manganese	mg/kg	2000	1600	2000	150	160	210	280	1300	260	
Mercury	mg/kg	0.73	0.18	0.3	0.018 J	0.023 J	< 0.29 U	0.094 B	0.034 J	0.019 J	
Nickel	mg/kg	130	30	87	9.4	10	280	14	16	7	
Potassium	mg/kg	-	-	-	680	840	610	750	1100	490	
Selenium	mg/kg	4	3.9	22	< 1 U	< 1 U	< 2 U	< 1 U	< 3 U	< 1 U	
Silver	mg/kg	8.3	2	22	< 0.16 U	< 0.16 U	0.83	< 0.17 U	< 1 U	< 0.15 U	
Sodium	mg/kg	-	-	-	120 J	130 J	300 J	160 J	450 J	180 J	
Thallium	mg/kg	-	5	-	< 1 U	< 1 U	< 2 U	< 1 U	< 3 U	< 1 U	
Vanadium	mg/kg	-	39	100	27	29	21	33	21	29	
Zinc	mg/kg	2480	109	1300	25	23	2700	68	170	25	
Miscellaneous											
Cyanide	mg/kg	40	2.3	2.6	< 0.12 U	< 0.12 UJ	1.7	< 0.28 U	< 0.25 U	< 0.12 U	
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	57000 J	23000 J	NA	NA	

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-23	SD-24	SD-24	SD-24	SD-25	SD-25
Sample Name					SD-23-12-24	SD-24-0-6	SD-24-6-12	SD-24-12-24	SD-25-0-6	SD-25-6-12
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.006 U	< 0.019 U	< 0.019 U	< 0.01 U	< 0.049 U	< 0.009 U
Acetone	mg/kg	0.03	0.03	100	0.025 J	0.037 J	0.037 J	0.028 J	0.12 J	< 0.014 U
Chloroethane	mg/kg	1.9	1.9	-	< 0.001 U	< 0.004 U	< 0.004 U	< 0.002 U	< 0.011 U	< 0.002 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.001 U	< 0.002 U	< 0.002 U	< 0.001 U	< 0.006 U	< 0.001 U
Methyl Acetate	mg/kg	-	-	-	< 0.002 U	< 0.005 U	< 0.005 U	< 0.003 U	< 0.013 U	< 0.002 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.006 UJ	< 0.019 UJ	< 0.019 UJ	< 0.01 UJ	< 0.049 UJ	< 0.009 UJ
Methylene chloride	mg/kg	0.05	0.05	17	< 0.002 U	< 0.005 U	< 0.005 U	< 0.003 U	< 0.013 U	< 0.002 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.001 U	< 0.002 U	< 0.002 U	< 0.001 U	< 0.006 U	< 0.001 U
Toluene	mg/kg	0.7	0.7	100	< 0.001 U	< 0.002 U	< 0.002 U	< 0.001 U	0.0048 J	< 0.001 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.08 U	< 0.27 U	< 0.47 U	< 0.19 U	< 0.44 U	< 0.079 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.002 U	0.087	0.11	0.06	0.051	0.0022 J
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.13 U	< 0.43 U	< 0.76 U	< 0.31 U	< 0.71 U	< 0.13 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.11 U	< 0.37 U	< 0.66 U	< 0.27 U	< 0.62 U	< 0.11 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.11 U	< 0.36 U	< 1 U	< 0.26 U	< 1 U	< 0.11 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.11 U	< 0.36 U	< 0.63 U	< 0.26 U	< 0.6 U	< 0.11 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.093 U	< 0.31 U	< 0.54 U	< 0.23 U	< 0.51 U	< 0.091 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.066 U	< 0.22 U	< 0.39 U	< 0.16 U	< 0.36 U	< 0.065 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.1 U	< 0.34 U	< 0.6 U	< 0.25 U	< 0.57 U	< 0.1 U
Acenaphthene	mg/kg	98	20	100	< 0.1 U	< 0.35 U	< 0.61 U	< 0.25 U	< 0.57 U	< 0.1 U
Acenaphthylene	mg/kg	365	100	100	< 0.1 U	< 0.34 U	< 0.6 U	< 0.25 U	< 0.56 U	< 0.1 U
Acetophenone	mg/kg	-	-	-	< 0.1 U	< 0.33 U	0.93 J	< 0.24 U	< 0.55 U	< 0.098 U
Anthracene	mg/kg	1000	100	100	< 0.1 U	< 0.35 U	< 0.61 U	< 0.25 U	< 0.57 U	< 0.1 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.091 U	< 0.3 U	< 0.53 U	< 0.22 U	< 0.5 U	< 0.089 U
Benzaldehyde	mg/kg	-	-	-	< 0.049 U	0.31 J	0.35 J	0.34 J	0.39 J	< 0.048 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.088 U	< 0.29 U	< 0.51 U	< 0.21 U	< 0.48 U	< 0.086 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.09 U	< 0.3 U	< 0.52 U	0.33 J	< 0.49 U	< 0.088 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.11 U	< 0.37 U	< 0.64 U	< 0.27 U	< 0.61 U	< 0.11 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.088 U	< 0.29 U	< 0.51 U	< 0.21 U	< 0.48 U	< 0.086 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.093 U	6.8	12	18	< 0.51 U	< 0.091 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.1 U	39	200	140	< 0.56 U	< 0.1 U
Carpolactam	mg/kg	-	-	-	< 0.073 U	< 0.24 U	< 0.43 U	< 0.18 U	< 0.4 U	< 0.072 U
Carbazole	mg/kg	-	-	-	< 0.099 U	< 0.33 U	< 0.58 U	< 0.24 U	< 0.54 U	< 0.098 U
Chrysene	mg/kg	1	1	1.2	< 0.094 U	< 0.31 U	< 0.55 U	0.31 J	< 0.52 U	< 0.092 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.1 U	< 0.34 U	< 0.59 U	< 0.25 U	< 0.56 U	< 0.1 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.1 U	< 0.34 U	< 0.59 U	< 0.25 U	< 0.55 U	< 0.099 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.096 U	< 0.32 U	< 0.56 U	< 0.23 U	< 0.53 U	< 0.094 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.09 U	0.55 J	1.4 J	1.5	< 0.49 U	< 0.088 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.15 U	31	48	4.8	< 0.82 U	< 0.15 U
Fluoranthene	mg/kg	1000	85	100	< 0.095 U	< 0.32 U	< 0.56 U	0.26 J	< 0.52 U	< 0.094 U
Fluorene	mg/kg	386	30	100	< 0.1 U	< 0.35 U	< 0.61 U	< 0.25 U	< 0.57 U	< 0.1 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.003 U	< 0.33 U	< 0.58 U	< 0.24 U	< 0.55 U	< 0.017 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.12 U	< 0.39 U	< 0.68 U	< 0.28 U	< 0.64 U	< 0.11 U
Naphthalene	mg/kg	12	12	84	< 0.1 U	< 0.34 U	< 0.59 U	< 0.25 U	< 0.56 U	< 0.1 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.1 U	< 0.33 U	< 0.58 U	< 0.24 U	< 0.55 U	< 0.098 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.098 U	< 0.33 U	< 0.57 U	< 0.24 U	< 0.54 U	< 0.096 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.1 U	< 0.35 U	< 0.6 U	< 0.25 U	< 0.57 U	< 0.1 U
Phenol	mg/kg	0.33	0.33	100	< 0.11 U	< 0.38 U	< 0.66 U	0.44 J	< 0.62 U	< 0.11 U
Pyrene	mg/kg	1000	64	100	< 0.1 U	< 0.33 U	< 0.58 U	0.59 J	< 0.55 U	< 0.098 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.001 UJ	< 0.095 U	< 0.027 U	< 0.07 U	< 0.031 UJ	< 0.006 UJ
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.001 U	< 0.052 U	< 0.015 U	< 0.038 U	< 0.017 U	< 0.003 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.001 U	< 0.058 U	< 0.016 U	< 0.042 U	< 0.019 U	< 0.003 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.001 U	< 0.054 U	< 0.015 U	< 0.04 U	< 0.018 U	< 0.003 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.003 U	< 0.27 U	< 0.075 U	< 0.19 U	< 0.088 U	< 0.016 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.003 U	< 0.23 U	< 0.063 U	< 0.17 U	< 0.075 U	< 0.013 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.004 U	< 0.3 U	< 0.085 U	< 0.22 U	< 0.1 U	< 0.018 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.001 U	< 0.046 U	< 0.013 U	< 0.034 U	< 0.015 U	< 0.003 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.003 U	< 0.21 U	< 0.06 U	< 0.16 U	< 0.071 U	< 0.013 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.003 U	< 0.22 U	< 0.061 U	< 0.16 U	< 0.072 U	< 0.013 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.003 U	< 0.21 U	< 0.06 U	< 0.16 U	< 0.07 U	< 0.013 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-23		SD-24		SD-24		SD-24		SD-25	
Sample Name		SD-23-12-24		SD-24-0-6		SD-24-6-12		SD-24-12-24		SD-25-0-6	
Sample Date		11/28/2022		11/28/2022		11/28/2022		11/28/2022		11/28/2022	
Sample Depth Interval (ft bgs)		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft	
Analyte	Unit	Criteria									
		(1)	(2)	(3)							
Endrin aldehyde	mg/kg	-	-	-	< 0.006 U	< 0.5 U	< 0.14 U	< 0.37 U	< 0.17 U	< 0.03 U	
Endrin ketone	mg/kg	-	-	-	< 0.003 U	< 0.28 U	< 0.079 U	< 0.21 U	< 0.093 U	< 0.017 U	
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.001 U	< 0.058 U	< 0.016 U	< 0.043 U	< 0.019 U	< 0.003 U	
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.001 U	< 0.068 U	< 0.019 U	< 0.05 U	< 0.022 U	< 0.004 U	
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.001 U	< 0.055 U	< 0.015 U	< 0.04 U	< 0.018 U	< 0.003 U	
Methoxychlor	mg/kg	900	1.2	100	< 0.009 UJ	< 0.72 U	< 0.2 U	< 0.52 U	< 0.24 UJ	< 0.042 UJ	
Polychlorinated Biphenyls (PCBs)											
Aroclor 1242	mg/kg	-	-	-	< 0.045 U	< 0.75 U	< 1.3 U	< 1.1 U	< 0.25 U	< 0.044 U	
Aroclor 1248	mg/kg	-	-	-	< 0.042 U	22	30	49	< 0.23 U	< 0.041 U	
Aroclor 1254	mg/kg	-	-	-	< 0.037 U	26	28	35	< 0.2 U	< 0.036 U	
Aroclor 1260	mg/kg	-	-	-	< 0.044 U	6.7	9.7	9.3	< 0.24 U	< 0.043 U	
Aroclor 1268	mg/kg	-	-	-	< 0.051 UJ	< 0.85 UJ	< 1.5 UJ	< 1.2 UJ	< 0.28 UJ	< 0.05 UJ	
PCB (total)	mg/kg	3.2	0.1	1	ND	54.7	67.7	93.3	ND	ND	
Metals and Inorganics											
Aluminum	mg/kg	-	10000	-	18000	16000	9200	19000	5600	9400	
Antimony	mg/kg	-	12	-	< 1 U	40	47	50	< 3 U	< 0.5 UJ	
Arsenic	mg/kg	16	13	16	13	5.7 J	6.9	13	< 4 U	2.3 J	
Barium	mg/kg	820	410	410	320	1300	1300	2200	290	160	
Beryllium	mg/kg	47	4.4	8.8	0.6 B	< 0.1 U	< 0.07 U	< 0.072 U	< 0.34 U	0.24 B	
Cadmium	mg/kg	7.5	2.5	2.5	< 0.15 U	38	48	82	< 1 U	< 0.14 U	
Calcium	mg/kg	-	10000	-	2300	8600	9400	26000	10000	1700	
Chromium (total)	mg/kg	19	1	1	23	110	110	170	6.9	10	
Cobalt	mg/kg	-	20	30	5.4	30	28	40	3.2 J	2.3 J	
Copper	mg/kg	1720	50	280	6	3600 B	2600 B	3300 B	25	2.5	
Iron	mg/kg	-	2000	2000	19000	120000	120000	270000	7000	7100	
Lead	mg/kg	450	63	400	7.8	1800	2200	2900	9.8	7.7	
Magnesium	mg/kg	-	-	-	3100	3600	4500	7200	2100	1500	
Manganese	mg/kg	2000	1600	2000	480	710	710	1200	150	72	
Mercury	mg/kg	0.73	0.18	0.3	0.022 J	1.7	1.6	3.7	< 0.055 U	0.022 J	
Nickel	mg/kg	130	30	87	12	240	240	360	72	8.2	
Potassium	mg/kg	-	-	-	820	530	330	380	730 J	440 J+	
Selenium	mg/kg	4	3.9	22	< 1 U	< 9 U	< 6 U	< 6 U	< 6 U	< 1 U	
Silver	mg/kg	8.3	2	22	< 0.18 U	2.5	3.2	3.3	< 1 U	< 0.17 U	
Sodium	mg/kg	-	-	-	240 J	150 J	190 J	300	540 J	210 J	
Thallium	mg/kg	-	5	-	< 1 U	< 2 U	< 5 U	< 6 U	< 5 U	< 1 U	
Vanadium	mg/kg	-	39	100	50	19	18	31	11	15	
Zinc	mg/kg	2480	109	1300	33	4900	1800	1700	310	25	
Miscellaneous											
Cyanide	mg/kg	40	2.3	2.6	< 0.13 U	< 0.19 U	< 0.16 U	< 0.16 U	1.4	< 0.14 U	
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-25	SD-25	SD-26	SD-26	SD-26	SD-27
Sample Name					SD-25-12-24	SD-75-12-24	SD-26-0-6	SD-26-6-12	SD-26-12-24	SD-27-0-6
Sample Date					11/28/2022	11/28/2022	11/30/2022	11/30/2022	11/30/2022	12/1/2022
Sample Depth Interval (ft bgs)					1 - 2 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.01 U	< 0.007 U	0.083 J	< 0.013 U	< 0.01 U	< 0.029 U
Acetone	mg/kg	0.03	0.03	100	0.017 J	< 0.011 U	0.19 J	0.038 J	0.021 J	0.027 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.002 U	< 0.002 U	< 0.008 U	0.0028 J	< 0.002 U	< 0.029 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.001 U	< 0.001 U	< 0.004 U	< 0.002 U	< 0.001 U	< 0.003 U
Methyl Acetate	mg/kg	-	-	-	< 0.002 U	< 0.002 U	< 0.009 U	0.0058	0.0041	0.0054
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.01 UJ	< 0.007 UJ	< 0.036 U	< 0.013 U	< 0.01 U	< 0.059 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.002 U	< 0.002 U	< 0.009 U	< 0.003 U	< 0.002 U	0.011 J
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.001 U	< 0.001 U	< 0.004 UJ	< 0.002 UJ	< 0.001 U	< 0.003 U
Toluene	mg/kg	0.7	0.7	100	< 0.001 U	< 0.001 U	< 0.003 U	0.0012 J	< 0.001 U	< 0.003 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.074 U	< 0.074 U	< 0.24 U	< 0.089 U	< 0.07 U	< 1.1 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.002 U	0.0034 J	R	R	R	< 0.083 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.12 U	< 0.12 U	< 0.39 U	< 0.14 U	< 0.11 U	< 0.57 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.1 U	< 0.1 U	< 0.34 U	< 0.13 U	< 0.098 U	< 0.28 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.1 U	< 0.1 U	< 0.33 U	< 0.12 U	< 0.095 U	< 1 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.1 U	< 0.1 U	< 0.33 U	< 0.12 U	< 0.095 U	< 0.57 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.086 U	< 0.086 U	< 0.28 U	< 0.1 U	< 0.081 U	< 0.57 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.061 U	< 0.061 U	< 0.2 U	< 0.074 U	< 0.058 U	< 1.1 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.096 U	< 0.096 U	< 0.31 U	< 0.12 U	< 0.09 U	< 0.57 U
Acenaphthene	mg/kg	98	20	100	< 0.097 U	< 0.097 U	< 0.32 U	< 0.12 U	< 0.091 U	< 0.28 U
Acenaphthylene	mg/kg	365	100	100	< 0.095 U	< 0.095 U	< 0.31 U	< 0.11 U	< 0.089 U	< 0.28 U
Acetophenone	mg/kg	-	-	-	< 0.093 U	< 0.093 U	< 0.3 U	< 0.11 U	< 0.088 U	< 0.57 U
Anthracene	mg/kg	1000	100	100	< 0.096 U	< 0.096 U	< 0.32 U	< 0.12 U	< 0.091 U	< 0.28 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.084 U	< 0.084 U	< 0.28 U	< 0.1 U	< 0.08 U	< 0.28 U
Benzaldehyde	mg/kg	-	-	-	< 0.046 U	< 0.045 U	0.61 J	< 0.055 U	< 0.043 U	< 0.57 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.082 U	< 0.081 U	< 0.27 U	< 0.098 U	< 0.077 U	< 0.28 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.083 U	< 0.083 U	< 0.27 U	< 0.1 U	< 0.079 U	< 0.28 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.1 U	< 0.1 U	< 0.34 U	< 0.12 U	< 0.097 U	< 0.28 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.082 U	< 0.081 U	< 0.27 U	< 0.098 U	< 0.077 U	< 0.28 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.086 U	< 0.086 U	< 0.28 U	< 0.1 U	< 0.081 U	< 0.57 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.095 U	< 0.094 U	0.43 J	< 0.11 UJ	< 0.089 U	< 0.57 U
Carpolactam	mg/kg	-	-	-	< 0.068 U	< 0.067 UJ	< 0.22 U	< 0.081 U	< 0.064 U	< 0.57 U
Carbazole	mg/kg	-	-	-	< 0.092 U	< 0.092 U	< 0.3 U	< 0.11 U	< 0.087 U	< 0.28 U
Chrysene	mg/kg	1	1	1.2	< 0.087 U	< 0.087 U	< 0.29 U	< 0.1 U	< 0.082 U	< 0.28 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.094 U	< 0.094 U	< 0.31 U	< 0.11 U	< 0.089 U	< 0.28 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.094 U	< 0.093 U	< 0.31 U	< 0.11 U	< 0.088 U	< 0.57 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.089 U	< 0.089 U	< 0.29 U	< 0.11 U	< 0.084 U	< 0.57 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.083 U	< 0.083 U	< 0.27 U	< 0.1 U	< 0.078 U	< 0.57 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.14 U	< 0.14 U	< 0.45 U	< 0.17 U	< 0.13 U	< 0.57 U
Fluoranthene	mg/kg	1000	85	100	< 0.088 U	< 0.088 U	< 0.29 U	< 0.11 U	< 0.083 U	< 0.28 U
Fluorene	mg/kg	386	30	100	< 0.096 U	< 0.096 U	< 0.32 U	< 0.12 U	< 0.091 U	< 0.28 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.016 U	< 0.016 U	< 0.052 U	0.0053 J	< 0.003 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.11 U	< 0.11 U	< 0.35 U	< 0.13 U	< 0.1 U	< 0.28 U
Naphthalene	mg/kg	12	12	84	< 0.094 U	< 0.094 U	< 0.31 U	< 0.11 U	< 0.089 U	< 0.28 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.092 U	< 0.092 UJ	< 0.3 U	< 0.11 U	< 0.087 U	< 0.57 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.091 U	< 0.091 U	< 0.3 U	< 0.11 U	< 0.086 U	< 0.57 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.096 U	< 0.096 U	< 0.31 U	< 0.12 U	< 0.091 U	< 0.28 U
Phenol	mg/kg	0.33	0.33	100	< 0.1 U	< 0.1 U	< 0.34 U	< 0.13 U	< 0.099 U	< 0.57 U
Pyrene	mg/kg	1000	64	100	< 0.093 U	< 0.093 U	< 0.3 U	< 0.11 U	< 0.087 U	< 0.28 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.005 UJ	< 0.005 UJ	NA	< 0.001 U	< 0.001 U	< 0.007 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.003 U	< 0.003 U	< 0.01 U	0.007 J	< 0.001 U	< 0.007 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.003 U	< 0.003 U	< 0.011 U	< 0.001 U	< 0.001 U	< 0.007 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.003 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.001 U	< 0.008 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.015 U	< 0.015 U	< 0.049 U	< 0.004 U	< 0.003 U	< 0.008 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.013 U	< 0.013 U	< 0.041 U	< 0.003 U	< 0.002 U	< 0.008 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.017 U	< 0.017 U	< 0.055 U	< 0.004 U	< 0.003 U	< 0.008 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.003 U	< 0.003 U	< 0.008 U	0.0011 J	< 0.00049 U	< 0.007 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.012 U	< 0.012 U	< 0.039 U	< 0.003 U	< 0.002 U	< 0.008 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.012 U	< 0.012 U	< 0.04 U	< 0.003 U	< 0.002 U	< 0.013 U
Endrin	ma/kg	0.06	0.014	1.2	< 0.012 U	< 0.012 U	< 0.039 U	< 0.003 U	< 0.002 U	< 0.013 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-25			SD-25			SD-26			SD-26			SD-26			SD-27		
Sample Name		SD-25-12-24			SD-75-12-24			SD-26-0-6			SD-26-6-12			SD-26-12-24			SD-27-0-6		
Sample Date		11/28/2022			11/28/2022			11/30/2022			11/30/2022			11/30/2022			12/1/2022		
Sample Depth Interval (ft bgs)		1 - 2 ft			1 - 2 ft			0 - 0.5 ft			0.5 - 1 ft			1 - 2 ft			0 - 0.5 ft		
Analyte	Unit	Criteria			Field Duplicate														
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	< 0.028 U	< 0.028 U	< 0.092 U	< 0.007 U	< 0.005 U	< 0.013 U	< 0.007 U	< 0.007 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.013 U	< 0.013 U	< 0.013 U
Endrin ketone	mg/kg	-	-	-	< 0.016 U	< 0.016 U	< 0.051 U	< 0.004 U	< 0.003 U	< 0.013 U	< 0.004 U	< 0.004 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.003 U	< 0.013 U	< 0.013 U	< 0.013 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.003 U	< 0.003 U	< 0.011 U	< 0.001 U	< 0.001 U	< 0.003 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.003 U	< 0.003 U	< 0.003 U
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.004 U	< 0.004 U	< 0.012 U	< 0.001 U	< 0.001 U	< 0.008 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.008 U	< 0.008 U	< 0.008 U
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.003 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.001 U	< 0.008 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.008 U	< 0.008 U	< 0.008 U
Methoxychlor	mg/kg	900	1.2	100	< 0.04 UJ	< 0.04 UJ	< 0.14 U	< 0.01 U	< 0.008 U	< 0.083 U	< 0.01 U	< 0.01 U	< 0.008 U	< 0.008 U	< 0.008 U	< 0.008 U	< 0.083 U	< 0.083 U	< 0.083 U
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.042 U	< 0.042 U	< 0.14 U	< 0.05 U	< 0.04 U	< 0.13 U	< 0.05 U	< 0.05 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.13 U	< 0.13 U	< 0.13 U
Aroclor 1248	mg/kg	-	-	-	< 0.039 U	< 0.039 U	0.16 JD	< 0.047 U	< 0.037 U	< 0.13 U	< 0.047 U	< 0.047 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.037 U	< 0.13 U	< 0.13 U	< 0.13 U
Aroclor 1254	mg/kg	-	-	-	< 0.034 U	< 0.034 U	0.3 JD	< 0.041 U	< 0.032 U	< 0.13 U	< 0.041 U	< 0.041 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.032 U	< 0.13 U	< 0.13 U	< 0.13 U
Aroclor 1260	mg/kg	-	-	-	< 0.041 U	< 0.041 U	< 0.13 U	< 0.049 U	< 0.039 U	< 0.13 U	< 0.049 U	< 0.049 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.039 U	< 0.13 U	< 0.13 U	< 0.13 U
Aroclor 1268	mg/kg	-	-	-	< 0.048 UJ	< 0.048 UJ	< 0.16 U	< 0.057 U	< 0.045 U	< 0.13 U	< 0.057 U	< 0.057 U	< 0.045 U	< 0.045 U	< 0.045 U	< 0.045 U	< 0.13 U	< 0.13 U	< 0.13 U
PCB (total)	mg/kg	3.2	0.1	1	ND	ND	0.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	15000 J	8600 J	13000	16000	15000	11000	16000	16000	15000	15000	15000	15000	11000	11000	11000
Antimony	mg/kg	-	12	-	< 0.48 U	< 0.47 U	< 2 U	< 1 U	< 0.45 U	< 3 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 0.45 U	< 3 U	< 3 U	< 3 U
Arsenic	mg/kg	16	13	16	3.3 J	1.8 J	< 15 U	< 6 U	1.5 J	1.9 J	< 15 U	< 6 U	1.5 J	1.5 J	1.5 J	1.5 J	1.9 J	1.9 J	1.9 J
Barium	mg/kg	820	410	410	200	130	490	330	240	180	490	330	240	240	240	240	180	180	180
Beryllium	mg/kg	47	4.4	8.8	0.41 B	0.23 B	< 0.18 U	0.33	0.72 B	0.4	< 0.18 U	0.33	0.72 B	0.72 B	0.72 B	0.72 B	0.4	0.4	0.4
Cadmium	mg/kg	7.5	2.5	2.5	< 0.14 U	< 0.14 U	4	< 0.17 U	< 0.13 U	< 1 U	< 0.17 U	< 0.17 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U	< 1 U	< 1 U	< 1 U
Calcium	mg/kg	-	10000	-	2200	1800	7700	2800	1800	1700 B	7700	2800	1800	1800	1800	1800	1700 B	1700 B	1700 B
Chromium (total)	mg/kg	19	1	1	16	9.9	17	15	17	11	17	15	17	17	17	17	11	11	11
Cobalt	mg/kg	-	20	30	3.5	2.2 J	13	5.4	9.1	2.1 J	13	5.4	9.1	9.1	9.1	9.1	2.1 J	2.1 J	2.1 J
Copper	mg/kg	1720	50	280	3.5 J	1.6 J	170	8.5	2.9	2.8	170	8.5	2.9	2.9	2.9	2.9	2.8	2.8	2.8
Iron	mg/kg	-	2000	2000	12000 J	6200 J	16000	12000	14000	12000	16000	12000	14000	14000	14000	14000	12000	12000	12000
Lead	mg/kg	450	63	400	10	6.9	89	16	8.6	9.9	89	16	8.6	8.6	8.6	8.6	9.9	9.9	9.9
Magnesium	mg/kg	-	-	-	2400	1600	2400	2000	2500	1400	2400	2000	2500	2500	2500	2500	1400	1400	1400
Manganese	mg/kg	2000	1600	2000	130	86	93	89	500	81	93	89	500	500	500	500	81	81	81
Mercury	mg/kg	0.73	0.18	0.3	0.038	0.045	0.24	0.09	0.038	0.067	0.24	0.09	0.038	0.038	0.038	0.038	0.067	0.067	0.067
Nickel	mg/kg	130	30	87	11	6.8	610	46	30	6.1	610	46	30	30	30	30	6.1	6.1	6.1
Potassium	mg/kg	-	-	-	700	420	790	780	760	450	790	780	760	760	760	760	450	450	450
Selenium	mg/kg	4	3.9	22	< 1 U	< 1 U	< 3 U	< 1 U	< 1 U	< 5 U	< 3 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 5 U	< 5 U	< 5 U
Silver	mg/kg	8.3	2	22	< 0.17 U	< 0.16 U	< 1 U	< 0.2 U	< 0.16 U	< 1 U	< 1 U	< 0.2 U	< 0.16 U	< 0.16 U	< 0.16 U	< 0.16 U	< 1 U	< 1 U	< 1 U
Sodium	mg/kg	-	-	-	410	290	420 J	210 J	180 J	150 J	420 J	210 J	180 J	180 J	180 J	180 J	150 J	150 J	150 J
Thallium	mg/kg	-	5	-	< 1 U	< 1 U	< 3 U	< 1 U	< 1 U	< 3 U	< 3 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 3 U	< 3 U	< 3 U
Vanadium	mg/kg	-	39	100	28 J	15 J	19	21	25	14	19	21	25	25	25	25	14	14	14
Zinc	mg/kg	2480	109	1300	34	22	4100	110	40	24	4100	110	40	40	40	40	24	24	24
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	< 0.13 U	< 0.15 U	0.61	0.24	0.21 J	< 0.13 U	0.61	0.24	0.21 J	0.21 J	0.21 J	0.21 J	< 0.13 U	< 0.13 U	< 0.13 U
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	68000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed, ND - Non Detect
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
J- - Reported concentration is an estimated value, and may be biased low.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.
D - Result reported from a secondary dilution analysis.
NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-27	SD-28	SD-28	SD-28	SD-29	SD-29
Sample Name					SD-27-6-12	SD-28-0-6	SD-28-6-12	SD-28-12-24	SD-29-0-6	SD-29-6-12
Sample Date					12/1/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.023 U	< 0.061 U	< 0.039 U	< 0.009 U	< 0.037 U	< 0.017 U
Acetone	mg/kg	0.03	0.03	100	0.016 J	0.46 J	0.3 J	0.037 J	0.24 J	0.056 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.023 U	< 0.013 U	< 0.008 U	< 0.002 U	< 0.008 U	< 0.004 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.002 U	< 0.008 U	< 0.005 U	< 0.001 U	< 0.005 U	< 0.002 U
Methyl Acetate	mg/kg	-	-	-	0.0067	< 0.016 U	< 0.01 U	< 0.002 U	< 0.01 U	< 0.004 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.045 U	< 0.061 U	< 0.039 U	< 0.009 U	< 0.037 U	< 0.017 U
Methylene chloride	mg/kg	0.05	0.05	17	0.0021 J	< 0.016 U	< 0.01 U	< 0.002 U	< 0.01 U	< 0.004 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.002 U	< 0.007 UJ	< 0.004 UJ	< 0.001 U	< 0.004 UJ	< 0.002 UJ
Toluene	mg/kg	0.7	0.7	100	< 0.002 U	0.0068 J	< 0.004 U	< 0.001 U	< 0.003 U	< 0.002 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.87 U	< 0.13 U	< 0.23 U	< 0.098 U	< 0.28 U	< 0.13 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.065 U	R	R	R	R	R
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.44 U	< 0.21 U	< 0.38 U	< 0.16 U	< 0.45 U	< 0.21 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.22 U	< 0.18 U	< 0.33 U	< 0.14 U	< 0.39 U	< 0.19 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.44 U	< 0.17 U	< 0.32 U	< 0.13 U	< 0.38 U	< 0.18 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.44 U	< 0.17 U	< 0.32 U	< 0.13 U	< 0.38 U	< 0.18 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.44 U	< 0.15 U	< 0.27 U	< 0.11 U	< 0.33 U	< 0.15 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.86 U	< 0.11 U	< 0.19 U	< 0.081 U	< 0.23 U	< 0.11 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.44 U	< 0.17 U	< 0.3 U	< 0.13 U	< 0.36 U	< 0.17 U
Acenaphthene	mg/kg	98	20	100	< 0.22 U	< 0.17 U	< 0.3 U	< 0.13 U	< 0.36 U	< 0.17 U
Acenaphthylene	mg/kg	365	100	100	< 0.22 U	< 0.16 U	< 0.3 U	< 0.12 U	< 0.36 U	< 0.17 U
Acetophenone	mg/kg	-	-	-	< 0.44 U	< 0.16 U	< 0.29 U	< 0.12 U	< 0.35 U	< 0.17 U
Anthracene	mg/kg	1000	100	100	< 0.22 U	< 0.17 U	< 0.3 U	< 0.13 U	< 0.36 U	< 0.17 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.22 U	< 0.15 U	< 0.27 U	< 0.11 U	< 0.32 U	< 0.15 U
Benzaldehyde	mg/kg	-	-	-	< 0.44 U	0.82 J	0.86 J	< 0.06 U	2.7	0.17 J
Benzo(a)pyrene	mg/kg	22	1	1	< 0.22 U	< 0.14 U	< 0.26 U	< 0.11 U	< 0.31 U	< 0.15 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.22 U	< 0.14 U	< 0.26 U	< 0.11 U	< 0.31 U	< 0.15 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.22 U	< 0.18 U	< 0.32 U	< 0.13 U	< 0.39 U	< 0.18 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.22 U	< 0.14 U	< 0.26 U	< 0.11 U	< 0.31 U	< 0.15 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.44 U	2.6	1.6	< 0.11 U	< 0.32 U	< 0.15 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.44 U	17	26 D	0.14 J	< 0.36 UJ	< 0.17 UJ
Carpolactam	mg/kg	-	-	-	< 0.44 U	< 0.12 U	< 0.21 U	< 0.089 U	< 0.25 U	< 0.12 U
Carbazole	mg/kg	-	-	-	< 0.22 U	< 0.16 U	< 0.29 U	< 0.12 U	< 0.35 U	< 0.16 U
Chrysene	mg/kg	1	1	1.2	< 0.22 U	< 0.15 U	< 0.27 U	< 0.11 U	< 0.33 U	< 0.16 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.22 U	< 0.16 U	< 0.3 U	< 0.12 U	< 0.35 U	< 0.17 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.44 U	< 0.16 U	< 0.29 U	< 0.12 U	< 0.35 U	< 0.17 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.44 U	< 0.15 U	< 0.28 U	< 0.12 U	< 0.34 U	< 0.16 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.44 U	0.18 J	< 0.26 U	< 0.11 U	< 0.31 U	< 0.15 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.44 U	0.78 J	2.6	< 0.18 U	< 0.52 U	< 0.25 U
Fluoranthene	mg/kg	1000	85	100	< 0.22 U	< 0.15 U	< 0.28 U	< 0.12 U	< 0.33 U	< 0.16 U
Fluorene	mg/kg	386	30	100	< 0.22 U	< 0.17 U	< 0.3 U	< 0.13 U	< 0.36 U	< 0.17 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	< 0.027 U	< 0.05 U	< 0.004 U	< 0.012 U	< 0.006 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.22 U	< 0.19 U	< 0.34 U	< 0.14 U	< 0.41 U	< 0.19 U
Naphthalene	mg/kg	12	12	84	< 0.22 U	< 0.16 U	< 0.3 U	< 0.12 U	< 0.36 U	< 0.17 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.44 U	< 0.16 U	< 0.29 U	< 0.12 U	< 0.35 U	< 0.17 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.44 U	< 0.16 U	< 0.29 U	< 0.12 U	< 0.34 U	< 0.16 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.22 U	< 0.17 U	< 0.3 U	< 0.13 U	< 0.36 U	< 0.17 U
Phenol	mg/kg	0.33	0.33	100	< 0.44 U	< 0.18 U	< 0.33 U	< 0.14 U	< 0.39 U	< 0.19 U
Pyrene	mg/kg	1000	64	100	< 0.22 U	< 0.16 U	0.36 J	< 0.12 U	< 0.35 U	< 0.17 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.005 U	< 0.009 U	< 0.017 U	< 0.001 U	< 0.004 U	< 0.002 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.005 U	< 0.005 U	< 0.009 U	< 0.001 U	< 0.002 U	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.005 U	< 0.006 U	< 0.01 U	< 0.001 U	< 0.002 U	< 0.001 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.006 U	< 0.005 U	< 0.01 U	< 0.001 U	< 0.002 U	< 0.001 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.006 U	< 0.026 U	< 0.047 U	< 0.004 U	< 0.011 U	< 0.005 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.006 U	< 0.022 U	< 0.04 U	< 0.003 U	< 0.01 U	< 0.004 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.006 U	< 0.029 U	< 0.053 U	< 0.004 U	< 0.013 U	< 0.006 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.005 U	< 0.004 U	< 0.008 U	< 0.001 U	< 0.002 U	< 0.001 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.006 U	< 0.021 U	< 0.038 U	< 0.003 U	< 0.009 U	< 0.004 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.01 U	< 0.021 U	< 0.038 U	< 0.003 U	< 0.009 U	< 0.004 U
Endrin	ma/kg	0.06	0.014	1.2	< 0.01 U	< 0.021 U	< 0.037 U	< 0.003 U	< 0.009 U	< 0.004 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-27		SD-28		SD-28		SD-28		SD-29	
Sample Name		SD-27-6-12		SD-28-0-6		SD-28-6-12		SD-28-12-24		SD-29-0-6	
Sample Date		12/1/2022		11/28/2022		11/28/2022		11/28/2022		11/28/2022	
Sample Depth Interval (ft bgs)		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft	
Analyte	Unit	Criteria									
		(1)	(2)	(3)							
Endrin aldehyde	mg/kg	-	-	-	< 0.01 U	< 0.048 U	< 0.088 U	< 0.007 U	< 0.021 U	< 0.01 U	< 0.01 U
Endrin ketone	mg/kg	-	-	-	< 0.01 U	< 0.027 U	< 0.049 U	< 0.004 U	< 0.012 U	< 0.006 U	< 0.006 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.003 UJ	< 0.006 U	< 0.01 U	< 0.001 UJ	< 0.002 U	< 0.001 U	< 0.001 U
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.006 U	< 0.007 U	< 0.012 U	< 0.001 U	< 0.003 U	< 0.001 U	< 0.001 U
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.006 U	< 0.005 U	< 0.01 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.001 U
Methoxychlor	mg/kg	900	1.2	100	< 0.065 U	< 0.075 U	< 0.14 U	< 0.011 U	< 0.033 U	< 0.016 U	< 0.016 U
Polychlorinated Biphenyls (PCBs)											
Aroclor 1242	mg/kg	-	-	-	< 0.1 U	< 0.073 U	< 0.13 U	< 0.055 U	< 0.16 U	< 0.075 U	< 0.075 U
Aroclor 1248	mg/kg	-	-	-	< 0.1 U	2.5 D	1.7 D	< 0.047 U	< 0.15 U	< 0.07 U	< 0.07 U
Aroclor 1254	mg/kg	-	-	-	< 0.1 U	3.3 D	3.3 D	0.055 JD	< 0.13 U	< 0.062 U	< 0.062 U
Aroclor 1260	mg/kg	-	-	-	< 0.1 U	0.83 J	0.81 J	< 0.052 U	< 0.15 U	< 0.073 U	< 0.073 U
Aroclor 1268	mg/kg	-	-	-	< 0.1 U	< 0.083 U	< 0.15 U	< 0.063 U	< 0.18 U	< 0.085 U	< 0.085 U
PCB (total)	mg/kg	3.2	0.1	1	ND	6.6	5.8	0.055	ND	ND	ND
Metals and Inorganics											
Aluminum	mg/kg	-	10000	-	3600	14000	16000	13000	30000	15000	15000
Antimony	mg/kg	-	12	-	< 2 U	13	< 2 U	< 1 U	< 2 U	< 1 U	< 1 U
Arsenic	mg/kg	16	13	16	0.6 J	< 8 U	< 14 U	6.6	< 17 U	< 8 U	< 8 U
Barium	mg/kg	820	410	410	62	770	460	220	420	250	250
Beryllium	mg/kg	47	4.4	8.8	0.2 J	0.15 J	0.17 J	0.67 B	0.63 J	0.28 J	0.28 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.43 U	19	17	< 0.18 U	< 1 U	< 0.25 U	< 0.25 U
Calcium	mg/kg	-	10000	-	790 B	15000	14000	2200	13000	3700	3700
Chromium (total)	mg/kg	19	1	1	4.1	79	36	16	27	14	14
Cobalt	mg/kg	-	20	30	1.3 J	17	8.2	7	< 1 U	< 0.42 U	< 0.42 U
Copper	mg/kg	1720	50	280	1.9	1100	580	32	13	4.5	4.5
Iron	mg/kg	-	2000	2000	3800	110000 D	39000	15000	19000	7700	7700
Lead	mg/kg	450	63	400	2.7	410	290	45	38	25	25
Magnesium	mg/kg	-	-	-	720	4400	3000	2100	4600	1900	1900
Manganese	mg/kg	2000	1600	2000	39	510	1500	280	1000	260	260
Mercury	mg/kg	0.73	0.18	0.3	0.014 J	0.86	0.4	0.077	0.15	0.078	0.078
Nickel	mg/kg	130	30	87	2.8	140	88	18	18	9.5	9.5
Potassium	mg/kg	-	-	-	240	510	630 J	600	1700	600	600
Selenium	mg/kg	4	3.9	22	< 4 U	< 2 U	< 3 U	< 1 U	< 4 U	< 2 U	< 2 U
Silver	mg/kg	8.3	2	22	< 0.43 U	< 0.29 U	< 1 U	< 0.22 U	< 1 U	< 0.3 U	< 0.3 U
Sodium	mg/kg	-	-	-	56 J	NA	200 J	56 J	140 J	110 J	110 J
Thallium	mg/kg	-	5	-	< 2 U	< 2 U	< 3 U	< 1 U	< 3 U	< 2 U	< 2 U
Vanadium	mg/kg	-	39	100	7.1	22	23	17	38	19	19
Zinc	mg/kg	2480	109	1300	12	2800	1500	120	160	32	32
Miscellaneous											
Cyanide	mg/kg	40	2.3	2.6	< 0.13 U	0.54	< 0.48 U	0.2 J	0.37	< 0.21 U	< 0.21 U
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	38000	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-29	SD-30	SD-30	SD-30	SD-31	SD-31
Sample Name					SD-29-12-24	SD-30-0-6	SD-30-6-12	SD-30-12-24	SD-31-0-6	SD-31-0-6
Sample Date					11/28/2022	11/30/2022	11/30/2022	11/30/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Unit	Criteria								Field Duplicate
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.007 U	< 0.014 U	0.1	< 0.006 U	< 0.041 U	< 0.096 U
Acetone	mg/kg	0.03	0.03	100	0.03 J	0.13 J	0.065 J	0.022 J	0.054 J	< 0.48 U
Chloroethane	mg/kg	1.9	1.9	-	< 0.002 U	< 0.003 U	< 0.002 U	< 0.001 U	< 0.041 U	< 0.096 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.001 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.0041 U	< 0.0096 U
Methyl Acetate	mg/kg	-	-	-	< 0.002 U	< 0.004 U	< 0.002 U	< 0.002 U	< 0.0041 U	< 0.0096 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.007 U	< 0.014 U	< 0.009 U	< 0.006 U	< 0.083 UJ	< 0.19 UJ
Methylene chloride	mg/kg	0.05	0.05	17	< 0.002 U	< 0.004 U	< 0.002 U	< 0.002 U	< 0.041 U	< 0.096 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.001 U	< 0.002 UJ	< 0.001 UJ	< 0.001 U	< 0.0041 U	< 0.0096 U
Toluene	mg/kg	0.7	0.7	100	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0041 U	< 0.0096 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.078 U	< 0.12 U	< 0.083 U	< 0.073 U	< 1.5 U	< 1.5 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	R	R	R	R	< 0.11 U	< 0.11 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.13 U	< 0.19 U	< 0.13 U	< 0.12 U	< 0.74 U	< 0.77 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.11 U	< 0.17 U	< 0.12 U	< 0.1 U	< 0.37 U	< 0.39 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.11 U	< 0.16 U	< 0.11 U	< 0.099 U	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.11 U	< 0.16 U	< 0.11 U	< 0.099 U	< 0.74 U	< 0.77 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.09 U	< 0.14 U	< 0.096 U	< 0.084 U	< 0.74 U	< 0.77 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.064 U	< 0.1 U	< 0.068 U	< 0.06 U	< 1.4 U	< 1.5 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.1 U	< 0.16 U	< 0.11 U	< 0.094 U	< 0.74 U	< 0.77 U
Acenaphthene	mg/kg	98	20	100	< 0.1 U	< 0.16 U	< 0.11 U	< 0.095 U	< 0.37 U	< 0.39 U
Acenaphthylene	mg/kg	365	100	100	< 0.099 U	< 0.15 U	< 0.11 U	< 0.093 U	< 0.37 U	< 0.39 U
Acetophenone	mg/kg	-	-	-	< 0.097 U	< 0.15 U	< 0.1 U	< 0.091 U	< 0.74 U	< 0.77 U
Anthracene	mg/kg	1000	100	100	< 0.1 U	< 0.16 U	< 0.11 U	< 0.094 U	< 0.37 U	< 0.39 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.089 U	< 0.14 U	< 0.094 U	< 0.083 U	< 0.37 U	< 0.39 U
Benzaldehyde	mg/kg	-	-	-	< 0.048 U	1.1	0.16 J	< 0.045 U	0.43 J	0.41 J
Benzo(a)pyrene	mg/kg	22	1	1	< 0.085 U	< 0.13 U	< 0.091 U	< 0.08 U	< 0.37 U	< 0.39 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.087 U	< 0.14 U	< 0.093 U	< 0.082 U	< 0.37 U	< 0.39 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.11 U	< 0.17 U	< 0.11 U	< 0.1 U	< 0.37 U	< 0.39 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.085 U	< 0.13 U	< 0.091 U	< 0.08 U	< 0.37 U	< 0.39 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.09 U	< 0.14 U	< 0.095 U	< 0.084 U	0.27 J	1.2
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.099 U	0.36 J	< 0.11 UJ	< 0.093 U	7.5 J	2.8 J
Carpolactam	mg/kg	-	-	-	< 0.071 U	< 0.11 U	< 0.075 U	< 0.066 U	< 0.74 U	< 0.77 U
Carbazole	mg/kg	-	-	-	< 0.097 U	< 0.15 U	< 0.1 U	< 0.09 U	< 0.37 U	< 0.39 U
Chrysene	mg/kg	1	1	1.2	< 0.092 U	< 0.14 U	< 0.097 U	< 0.085 U	< 0.37 U	< 0.39 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.099 U	< 0.15 U	< 0.1 U	< 0.092 U	< 0.37 U	< 0.39 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.098 U	< 0.15 U	< 0.1 U	< 0.092 U	< 0.74 U	< 0.77 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.093 U	< 0.14 U	< 0.099 U	< 0.087 U	< 0.74 U	< 0.77 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.087 U	< 0.13 U	< 0.093 U	< 0.081 U	< 0.74 U	< 0.77 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.14 U	< 0.22 U	< 0.15 U	< 0.14 U	< 0.74 U	< 0.77 U
Fluoranthene	mg/kg	1000	85	100	< 0.093 U	< 0.14 U	< 0.098 U	< 0.086 U	< 0.37 U	< 0.39 U
Fluorene	mg/kg	386	30	100	< 0.1 U	< 0.16 U	< 0.11 U	< 0.094 U	< 0.37 U	< 0.39 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.003 U	< 0.005 U	< 0.004 U	< 0.003 U	< 0.74 U	< 0.77 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.11 U	< 0.17 U	< 0.12 U	< 0.11 U	< 0.37 U	< 0.39 U
Naphthalene	mg/kg	12	12	84	< 0.099 U	< 0.15 U	< 0.1 U	< 0.092 U	< 0.37 U	< 0.39 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.097 U	< 0.15 U	< 0.1 U	< 0.09 U	< 0.74 U	< 0.77 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.095 U	< 0.15 U	< 0.1 U	< 0.089 U	< 0.74 U	< 0.77 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.1 U	< 0.16 U	< 0.11 U	< 0.094 U	< 0.37 U	< 0.39 U
Phenol	mg/kg	0.33	0.33	100	< 0.11 U	< 0.17 U	< 0.12 U	< 0.1 U	< 0.74 U	< 0.77 U
Pyrene	mg/kg	1000	64	100	< 0.097 U	< 0.15 U	< 0.1 U	< 0.091 U	< 0.37 U	< 0.39 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.001 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.035 U	< 0.091 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.0013 J	< 0.001 U	< 0.001 U	< 0.001 U	< 0.035 U	< 0.091 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.035 U	< 0.091 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.044 U	< 0.11 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.003 U	< 0.005 U	< 0.003 U	< 0.003 U	< 0.044 U	< 0.11 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.003 U	< 0.004 U	< 0.003 U	< 0.002 U	< 0.044 U	< 0.11 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.004 U	< 0.006 U	< 0.004 U	< 0.003 U	< 0.044 U	< 0.11 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.001 U	< 0.001 U	< 0.001 U	< 0.0005 U	< 0.035 U	< 0.091 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.002 U	< 0.004 U	< 0.003 U	< 0.002 U	< 0.044 U	< 0.11 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.002 U	< 0.004 U	< 0.003 U	< 0.002 U	< 0.07 U	< 0.18 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.002 U	< 0.004 U	< 0.003 U	< 0.002 U	< 0.07 U	< 0.18 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-29		SD-30		SD-30		SD-30		SD-31	
Sample Name		SD-29-12-24		SD-30-0-6		SD-30-6-12		SD-30-12-24		SD-31-0-6	
Sample Date		11/28/2022		11/30/2022		11/30/2022		11/30/2022		11/28/2022	
Sample Depth Interval (ft bgs)		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft	
Analyte	Unit	Criteria									Field Duplicate
		(1)	(2)	(3)							
Endrin aldehyde	mg/kg	-	-	-	< 0.006 U	< 0.009 U	< 0.006 U	< 0.006 U	< 0.07 U	< 0.18 U	
Endrin ketone	mg/kg	-	-	-	< 0.003 U	< 0.005 U	< 0.004 U	< 0.003 U	< 0.07 U	< 0.18 U	
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.001 UJ	< 0.001 U	< 0.001 U	< 0.001 UJ	< 0.018 UJ	< 0.046 U	
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.044 U	< 0.11 U	
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.044 U	< 0.11 U	
Methoxychlor	mg/kg	900	1.2	100	< 0.009 U	< 0.014 U	< 0.01 U	< 0.008 U	< 0.44 U	< 1.1 U	
Polychlorinated Biphenyls (PCBs)											
Aroclor 1242	mg/kg	-	-	-	< 0.044 U	< 0.068 U	< 0.047 U	< 0.041 U	< 0.18 U	< 0.18 U	
Aroclor 1248	mg/kg	-	-	-	< 0.041 U	0.079 JD	< 0.044 U	< 0.038 U	0.28 J	1.2 J	
Aroclor 1254	mg/kg	-	-	-	< 0.036 U	0.14 JD	< 0.038 U	< 0.034 U	0.39 J	1.8 J	
Aroclor 1260	mg/kg	-	-	-	< 0.043 U	< 0.067 U	< 0.046 U	< 0.04 U	0.11 J	0.49 J	
Aroclor 1268	mg/kg	-	-	-	< 0.05 U	< 0.077 U	< 0.053 U	< 0.047 U	< 0.18 U	< 0.18 U	
PCB (total)	mg/kg	3.2	0.1	1	ND	0.22	ND	ND	0.78	3.49	
Metals and Inorganics											
Aluminum	mg/kg	-	10000	-	8700	11000	14000	5900	5700	6200	
Antimony	mg/kg	-	12	-	< 0.49 U	< 1 U	< 1 U	< 0.47 U	7.2	< 3.6 U	
Arsenic	mg/kg	16	13	16	1.8 J	< 7 U	< 5 U	1.1 J	< 7.3 U	2.8 J	
Barium	mg/kg	820	410	410	120	58	77	17	31 J	88 J	
Beryllium	mg/kg	47	4.4	8.8	0.31 B	< 0.089 U	< 0.062 U	< 0.056 U	< 0.37 U	< 0.36 U	
Cadmium	mg/kg	7.5	2.5	2.5	< 0.14 U	< 0.22 U	< 0.15 U	< 0.14 U	0.65 J	2.8 J	
Calcium	mg/kg	-	10000	-	1800	9000	4600	1200	1800 J	5900 J	
Chromium (total)	mg/kg	19	1	1	8.2	9.7	13	5.1	6.7	9.3	
Cobalt	mg/kg	-	20	30	2.6	< 0.37 U	2.7	< 0.24 U	1.4 J	4.6	
Copper	mg/kg	1720	50	280	1.7	37	11	2.5	35 J	130 J	
Iron	mg/kg	-	2000	2000	5700	16000	19000	5700	6700 J	45000 J	
Lead	mg/kg	450	63	400	14	30	8	2.5	51 J	98 J	
Magnesium	mg/kg	-	-	-	1100	1400	2400	1300	770	1000	
Manganese	mg/kg	2000	1600	2000	150	110	73	40	35 J	250 J	
Mercury	mg/kg	0.73	0.18	0.3	0.045	0.12	0.11	0.032 J	0.18	0.3	
Nickel	mg/kg	130	30	87	4.6	8.4	9.9	4.6	7 J	21 J	
Potassium	mg/kg	-	-	-	270	450	460	240	320 J	310 J	
Selenium	mg/kg	4	3.9	22	< 1 U	< 2 U	< 1 U	< 1 U	< 7.3 U	< 7.2 U	
Silver	mg/kg	8.3	2	22	< 0.17 U	< 0.26 U	< 0.18 U	< 0.17 U	< 0.73 U	< 0.72 U	
Sodium	mg/kg	-	-	-	86 J	65 J	78 J	36 J	< 370 U	< 360 U	
Thallium	mg/kg	-	5	-	< 1 U	< 1 U	< 1 U	< 1 U	< 3.7 U	< 3.6 U	
Vanadium	mg/kg	-	39	100	13	23	28	8.9	7.5 J	16 J	
Zinc	mg/kg	2480	109	1300	14	NA	51	12	110 J	850 J	
Miscellaneous											
Cyanide	mg/kg	40	2.3	2.6	0.22 J	0.51	0.23	0.16 J	0.8 J	0.19 J	
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	35000	NA	NA	30000	27000	

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-31	SD-32	SD-32	SD-32	SD-33	SD-33
Sample Name					SD-31-6-12	SD-32-0-6	SD-32-6-12	SD-32-12-24	SD-33-0-6	SD-33-6-12
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.026 U	< 0.039 U	< 0.02 U	< 0.026 U	< 0.064 U	< 0.027 U
Acetone	mg/kg	0.03	0.03	100	0.015 J	0.051 J	< 0.098 U	< 0.13 U	0.063 J	0.015 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.026 U	< 0.039 U	< 0.02 U	< 0.026 U	< 0.064 U	< 0.027 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0026 U	< 0.0039 U	< 0.002 U	< 0.0026 U	< 0.0064 U	< 0.0027 U
Methyl Acetate	mg/kg	-	-	-	< 0.0026 U	< 0.0039 U	< 0.002 U	< 0.0026 U	< 0.0064 U	< 0.0027 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.051 UJ	< 0.078 UJ	< 0.039 UJ	< 0.052 U	< 0.13 UJ	< 0.053 UJ
Methylene chloride	mg/kg	0.05	0.05	17	< 0.026 U	< 0.039 U	< 0.02 U	< 0.026 U	< 0.064 U	< 0.027 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0026 U	< 0.0039 U	< 0.002 U	< 0.0026 U	< 0.0064 U	< 0.0027 U
Toluene	mg/kg	0.7	0.7	100	< 0.0026 U	< 0.0039 U	< 0.002 U	< 0.0026 U	< 0.0064 U	< 0.0027 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 1 U	< 1.4 U	< 0.83 U	< 0.89 U	< 1.8 U	< 0.89 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.078 U	< 0.1 U	< 0.062 U	< 0.067 U	< 0.13 U	< 0.066 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 1 U	< 1.3 U	< 0.81 U	< 0.88 U	< 1.8 U	< 0.87 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
Acenaphthene	mg/kg	98	20	100	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Acenaphthylene	mg/kg	365	100	100	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Acetophenone	mg/kg	-	-	-	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
Anthracene	mg/kg	1000	100	100	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Benzaldehyde	mg/kg	-	-	-	< 0.53 U	0.4 J	< 0.42 U	< 0.45 U	0.64 J	< 0.45 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Benzyl butyl phthalate	mg/kg	122	100	100	0.099 J	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	0.3 J	0.15 J	< 0.42 UJ	< 0.45 UJ	< 0.92 UJ	< 0.45 U
Carpolactam	mg/kg	-	-	-	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
Carbazole	mg/kg	-	-	-	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Chrysene	mg/kg	1	1	1.2	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
Fluoranthene	mg/kg	1000	85	100	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Fluorene	mg/kg	386	30	100	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.53 U	< 0.69 UJ	< 0.42 UJ	< 0.45 U	< 0.92 UJ	< 0.45 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Naphthalene	mg/kg	12	12	84	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Phenol	mg/kg	0.33	0.33	100	< 0.53 U	< 0.69 U	< 0.42 U	< 0.45 U	< 0.92 U	< 0.45 U
Pyrene	mg/kg	1000	64	100	< 0.26 U	< 0.34 U	< 0.21 U	< 0.23 U	< 0.46 U	< 0.22 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.025 U	< 0.032 U	< 0.0049 U	< 0.0053 U	< 0.011 U	< 0.0053 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.025 U	< 0.032 U	< 0.0049 U	< 0.0053 U	< 0.011 U	< 0.0053 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.025 U	< 0.032 U	< 0.0049 U	< 0.0053 U	< 0.011 U	< 0.0053 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.031 U	< 0.04 U	< 0.0062 U	< 0.0067 U	< 0.013 U	< 0.0066 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.031 U	< 0.04 U	< 0.0062 U	< 0.0067 U	< 0.013 U	< 0.0066 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.031 U	< 0.04 U	< 0.0062 U	< 0.0067 U	< 0.013 U	< 0.0066 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.031 U	< 0.04 U	< 0.0062 U	< 0.0067 U	< 0.013 U	< 0.0066 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.025 U	< 0.032 U	< 0.0049 UJ	< 0.0053 U	< 0.011 U	< 0.0053 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.031 U	< 0.04 U	< 0.0062 U	< 0.0067 U	< 0.013 U	< 0.0066 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.05 U	< 0.064 U	< 0.0099 U	< 0.011 U	< 0.022 U	< 0.011 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.05 U	< 0.064 U	< 0.0099 U	< 0.011 U	< 0.022 U	< 0.011 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-31		SD-32		SD-32		SD-32		SD-33	
Sample Name		SD-31-6-12		SD-32-0-6		SD-32-6-12		SD-32-12-24		SD-33-0-6	
Sample Date		11/28/2022		11/28/2022		11/28/2022		11/28/2022		11/28/2022	
Sample Depth Interval (ft bgs)		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		1 - 2 ft		0 - 0.5 ft	
Analyte	Unit	Criteria									
		(1)	(2)	(3)							
Endrin aldehyde	mg/kg	-	-	-	< 0.05 U	< 0.064 U	< 0.0099 U	< 0.011 U	< 0.022 U	< 0.011 U	< 0.011 U
Endrin ketone	mg/kg	-	-	-	< 0.05 U	< 0.064 U	< 0.0099 U	< 0.011 U	< 0.022 U	< 0.011 U	< 0.011 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.012 UJ	< 0.016 UJ	< 0.0025 UJ	< 0.0027 U	< 0.0054 U	< 0.0026 U	< 0.0026 U
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.031 U	< 0.04 U	< 0.0062 U	< 0.0067 U	< 0.013 U	< 0.0066 U	< 0.0066 U
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.031 U	< 0.04 U	< 0.0062 U	< 0.0067 U	< 0.013 U	< 0.0066 U	< 0.0066 U
Methoxychlor	mg/kg	900	1.2	100	< 0.31 U	< 0.4 U	< 0.062 U	< 0.067 UJ	< 0.13 U	< 0.066 U	< 0.066 U
Polychlorinated Biphenyls (PCBs)											
Aroclor 1242	mg/kg	-	-	-	< 0.12 U	< 0.16 U	< 0.099 U	< 0.11 U	< 0.22 U	< 0.11 U	< 0.11 U
Aroclor 1248	mg/kg	-	-	-	0.64	0.063 J	< 0.099 U	< 0.11 U	0.082 J	0.058 J	0.058 J
Aroclor 1254	mg/kg	-	-	-	0.72	0.11 J	< 0.099 U	< 0.11 U	0.12 J	0.064 J	0.064 J
Aroclor 1260	mg/kg	-	-	-	0.21	< 0.16 U	< 0.099 U	< 0.11 U	< 0.22 U	< 0.11 U	< 0.11 U
Aroclor 1268	mg/kg	-	-	-	< 0.12 U	< 0.16 U	< 0.099 U	< 0.11 U	< 0.22 U	< 0.11 U	< 0.11 U
PCB (total)	mg/kg	3.2	0.1	1	1.57	0.173	ND	ND	0.202	0.122	0.122
Metals and Inorganics											
Aluminum	mg/kg	-	10000	-	2600	4100	2200	3400	7000	5700	5700
Antimony	mg/kg	-	12	-	< 2.6 U	< 3.3 U	< 1.9 U	< 2.2 U	< 4.4 UJ	< 2.2 U	< 2.2 U
Arsenic	mg/kg	16	13	16	1 J	1.3 J	< 3.9 U	< 4.4 U	1.5 J	1.1 J	1.1 J
Barium	mg/kg	820	410	410	73	64	8.8	47	35	13	13
Beryllium	mg/kg	47	4.4	8.8	< 0.26 U	< 0.33 U	< 0.19 U	< 0.22 U	< 0.44 U	< 0.22 U	< 0.22 U
Cadmium	mg/kg	7.5	2.5	2.5	< 0.51 U	0.34 J	< 0.39 U	< 0.44 U	< 0.89 U	< 0.43 U	< 0.43 U
Calcium	mg/kg	-	10000	-	2100	6500	420	1100	4700	730	730
Chromium (total)	mg/kg	19	1	1	2.1	4.4	2.3	4.4	7.3	4.8	4.8
Cobalt	mg/kg	-	20	30	0.47 J	0.92 J	0.68 J	< 2.2 U	1.6 J	1 J	1 J
Copper	mg/kg	1720	50	280	4.6	9.8	1.2	2.4	18	5.7	5.7
Iron	mg/kg	-	2000	2000	4400	8800	3500	4200	16000	7300	7300
Lead	mg/kg	450	63	400	6.3	16	2.2	1.7	24	5	5
Magnesium	mg/kg	-	-	-	310	800	480	970	1300	840	840
Manganese	mg/kg	2000	1600	2000	100	610	88	100	500	56	56
Mercury	mg/kg	0.73	0.18	0.3	0.056	0.17	0.018 J	0.0091 J	0.16	0.12	0.12
Nickel	mg/kg	130	30	87	6.9	8.8	2.1	4	6.3	2.9	2.9
Potassium	mg/kg	-	-	-	180 J	310 J	180 J	240	410 J-	290	290
Selenium	mg/kg	4	3.9	22	< 5.1 U	< 6.6 U	< 3.9 U	< 4.4 U	< 8.9 U	< 4.3 U	< 4.3 U
Silver	mg/kg	8.3	2	22	< 0.51 U	< 0.66 U	< 0.39 U	< 0.44 U	< 0.89 U	< 0.43 U	< 0.43 U
Sodium	mg/kg	-	-	-	< 260 U	< 330 U	< 190 U	32 J	< 440 U	35 J	35 J
Thallium	mg/kg	-	5	-	< 2.6 U	< 3.3 U	< 1.9 U	< 2.2 U	< 4.4 U	< 2.2 U	< 2.2 U
Vanadium	mg/kg	-	39	100	9.8	13	5.6	5.7	20	12	12
Zinc	mg/kg	2480	109	1300	42	130	6.8	7.9	83	20	20
Miscellaneous											
Cyanide	mg/kg	40	2.3	2.6	< 0.13 U	0.4	< 0.14 U	< 0.12 UJ	0.42	< 0.15 U	< 0.15 U
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	28000	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-33	SD-34	SD-34	SD-34	SD-35	SD-35
Sample Name					SD-33-12-24	SD-34-0-6	SD-84-0-6	SD-34-6-12	SD-35-0-6	SD-35-6-12
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					1 - 2 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria					Field Duplicate			
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.022 U	< 0.1 U	< 0.18 U	< 0.023 U	< 0.057 U	< 0.024 U
Acetone	mg/kg	0.03	0.03	100	0.023 J	0.054 J	< 0.91 U	< 0.12 U	0.063 J	0.012 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.022 U	< 0.1 U	< 0.18 U	< 0.023 U	< 0.057 U	< 0.024 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0022 U	< 0.01 U	< 0.018 U	< 0.0023 U	< 0.0057 U	< 0.0024 U
Methyl Acetate	mg/kg	-	-	-	< 0.0022 U	< 0.01 U	< 0.018 U	< 0.0023 U	< 0.0057 U	< 0.0024 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.044 U	< 0.2 UJ	< 0.37 UJ	< 0.047 UJ	< 0.11 UJ	< 0.048 UJ
Methylene chloride	mg/kg	0.05	0.05	17	< 0.022 U	< 0.1 U	< 0.18 U	< 0.023 U	< 0.057 U	< 0.024 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0022 U	< 0.01 U	< 0.018 U	< 0.0023 U	< 0.0057 U	< 0.0024 U
Toluene	mg/kg	0.7	0.7	100	< 0.0022 U	< 0.01 U	< 0.018 U	< 0.0023 U	< 0.0057 U	< 0.0024 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.93 U	< 2.4 U	< 3.5 U	< 1 U	< 1.7 U	< 0.94 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.069 U	< 0.18 U	< 0.26 U	< 0.078 U	< 0.13 U	< 0.07 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.91 U	< 2.4 U	< 3.5 U	< 1 U	< 1.7 U	< 0.93 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
Acenaphthene	mg/kg	98	20	100	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Acenaphthylene	mg/kg	365	100	100	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Acetophenone	mg/kg	-	-	-	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
Anthracene	mg/kg	1000	100	100	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Benzaldehyde	mg/kg	-	-	-	< 0.47 U	0.76 J	0.71 J	< 0.53 U	0.14 J	< 0.48 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Benzyl butyl phthalate	mg/kg	122	100	100	0.091 J	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.47 U	< 1.2 UJ	< 1.8 UJ	< 0.53 UJ	< 0.86 UJ	< 0.48 UJ
Carpolactam	mg/kg	-	-	-	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
Carbazole	mg/kg	-	-	-	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Chrysene	mg/kg	1	1	1.2	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
Fluoranthene	mg/kg	1000	85	100	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Fluorene	mg/kg	386	30	100	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.47 U	< 1.2 UJ	< 1.8 UJ	< 0.53 UJ	< 0.86 UJ	< 0.48 UJ
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Naphthalene	mg/kg	12	12	84	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Phenol	mg/kg	0.33	0.33	100	< 0.47 U	< 1.2 U	< 1.8 U	< 0.53 U	< 0.86 U	< 0.48 U
Pyrene	mg/kg	1000	64	100	< 0.23 U	< 0.61 U	< 0.89 U	< 0.27 U	< 0.43 U	< 0.24 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0055 U	< 0.014 U	< 0.021 U	< 0.0062 U	< 0.01 U	< 0.0056 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0055 U	0.0078 J	0.01 J	0.0019 J	< 0.01 U	< 0.0056 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0055 U	< 0.014 U	< 0.021 U	< 0.0062 U	< 0.01 U	< 0.0056 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.0069 U	< 0.018 U	< 0.026 U	< 0.0078 U	< 0.013 U	< 0.007 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0069 U	< 0.018 U	< 0.026 U	< 0.0078 U	< 0.013 U	< 0.007 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0069 U	< 0.018 U	< 0.026 U	< 0.0078 U	< 0.013 U	< 0.007 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.0069 U	< 0.018 U	< 0.026 U	< 0.0078 U	< 0.013 U	< 0.007 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0055 U	< 0.014 U	< 0.021 U	0.0005 J	< 0.01 U	< 0.0056 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0069 U	< 0.018 U	< 0.026 U	< 0.0078 U	< 0.013 U	< 0.007 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.011 U	< 0.029 U	< 0.042 U	< 0.012 U	< 0.02 U	< 0.011 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.011 U	< 0.029 U	< 0.042 U	< 0.012 U	< 0.02 U	< 0.011 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-33			SD-34			SD-34			SD-34			SD-35			SD-35		
Sample Name		SD-33-12-24			SD-34-0-6			SD-84-0-6			SD-34-6-12			SD-35-0-6			SD-35-6-12		
Sample Date		11/28/2022			11/28/2022			11/28/2022			11/28/2022			11/28/2022			11/28/2022		
Sample Depth Interval (ft bgs)		1 - 2 ft			0 - 0.5 ft			0 - 0.5 ft			0.5 - 1 ft			0 - 0.5 ft			0.5 - 1 ft		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	< 0.011 U	< 0.029 U	< 0.042 U	< 0.012 U	< 0.02 U	< 0.011 U	< 0.012 U	< 0.02 U	< 0.011 U	< 0.012 U	< 0.02 U	< 0.011 U	< 0.012 U	< 0.02 U	< 0.011 U
Endrin ketone	mg/kg	-	-	-	< 0.011 U	< 0.029 U	< 0.042 U	< 0.012 U	< 0.02 U	< 0.011 U	< 0.012 U	< 0.02 U	< 0.011 U	< 0.012 U	< 0.02 U	< 0.011 U	< 0.012 U	< 0.02 U	< 0.011 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0028 UJ	< 0.0072 UJ	< 0.011 UJ	< 0.0031 UJ	< 0.0051 U	< 0.0028 U	< 0.0031 UJ	< 0.0051 U	< 0.0028 U	< 0.0031 UJ	< 0.0051 U	< 0.0028 U	< 0.0031 UJ	< 0.0051 U	< 0.0028 U
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0069 U	< 0.018 U	< 0.026 U	< 0.0078 U	< 0.013 U	< 0.007 U	< 0.0078 U	< 0.013 U	< 0.007 U	< 0.0078 U	< 0.013 U	< 0.007 U	< 0.0078 U	< 0.013 U	< 0.007 U
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.0069 U	< 0.018 U	< 0.026 U	< 0.0078 U	< 0.013 U	< 0.007 U	< 0.0078 U	< 0.013 U	< 0.007 U	< 0.0078 U	< 0.013 U	< 0.007 U	< 0.0078 U	< 0.013 U	< 0.007 U
Methoxychlor	mg/kg	900	1.2	100	< 0.069 U	< 0.18 U	< 0.26 U	< 0.078 U	< 0.13 U	< 0.07 U	< 0.078 U	< 0.13 U	< 0.07 U	< 0.078 U	< 0.13 U	< 0.07 U	< 0.078 U	< 0.13 U	< 0.07 U
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.11 U	< 0.29 U	< 0.42 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U
Aroclor 1248	mg/kg	-	-	-	< 0.11 U	< 0.29 U	< 0.42 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U
Aroclor 1254	mg/kg	-	-	-	0.042 J	< 0.29 U	< 0.42 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U
Aroclor 1260	mg/kg	-	-	-	< 0.11 U	< 0.29 U	< 0.42 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U
Aroclor 1268	mg/kg	-	-	-	< 0.11 U	< 0.29 U	< 0.42 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U	< 0.12 U	< 0.2 U	< 0.11 U
PCB (total)	mg/kg	3.2	0.1	1	0.042	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	4800	6900	6700	5200	13000	7400	5200	13000	7400	5200	13000	7400	5200	13000	7400
Antimony	mg/kg	-	12	-	< 2.2 UJ	< 5.8 U	< 8.4 U	< 2.6 U	< 4 U	< 2.3 U	< 2.6 U	< 4 U	< 2.3 U	< 2.6 U	< 4 U	< 2.3 U	< 2.6 U	< 4 U	< 2.3 U
Arsenic	mg/kg	16	13	16	< 4.4 U	3.7 J	2.6 J	1.4 J	3 J	1.6 J	< 4.4 U	3.7 J	2.6 J	< 4.4 U	3.7 J	2.6 J	< 4.4 U	3.7 J	2.6 J
Barium	mg/kg	820	410	410	11	100	130	54	87	28	820	410	410	820	410	410	820	410	410
Beryllium	mg/kg	47	4.4	8.8	< 0.22 U	0.29 J	< 0.84 U	0.27	0.35 J	0.22 J	< 0.22 U	0.29 J	< 0.84 U	< 0.22 U	0.29 J	< 0.84 U	< 0.22 U	0.29 J	< 0.84 U
Cadmium	mg/kg	7.5	2.5	2.5	< 0.44 U	0.45 J	0.75 J	< 0.51 U	0.4 J	< 0.46 U	< 0.44 U	0.45 J	< 0.51 U	< 0.44 U	0.45 J	< 0.51 U	< 0.44 U	0.45 J	< 0.51 U
Calcium	mg/kg	-	10000	-	690	9200	13000	1800	7700	2000	< 0.44 U	0.45 J	< 0.51 U	< 0.44 U	0.45 J	< 0.51 U	< 0.44 U	0.45 J	< 0.51 U
Chromium (total)	mg/kg	19	1	1	4	5.7	5.7	4.7	9.7	6.4	19	1	1	19	1	1	19	1	1
Cobalt	mg/kg	-	20	30	< 2.2 U	1.9 J	2.4 J	1.1 J	0.99 J	1.1 J	< 2.2 U	1.9 J	< 2.2 U	< 2.2 U	1.9 J	< 2.2 U	< 2.2 U	1.9 J	< 2.2 U
Copper	mg/kg	1720	50	280	3.1	12	14	2.4	8	2.2	1720	50	280	1720	50	280	1720	50	280
Iron	mg/kg	-	2000	2000	6800	6500	7400	3400	6300	5900	-	2000	2000	-	2000	2000	-	2000	2000
Lead	mg/kg	450	63	400	5.9	36	32	6.8	42	6.8	450	63	400	450	63	400	450	63	400
Magnesium	mg/kg	-	-	-	920	1300	1700	640	1500	1000	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	2000	1600	2000	86	1400	2100	240	61	30	2000	1600	2000	2000	1600	2000	2000	1600	2000
Mercury	mg/kg	0.73	0.18	0.3	0.091	0.18	0.18	0.065	0.21	0.17	0.73	0.18	0.3	0.73	0.18	0.3	0.73	0.18	0.3
Nickel	mg/kg	130	30	87	3	4	5.3	2.7	5.8	3.3	130	30	87	130	30	87	130	30	87
Potassium	mg/kg	-	-	-	230	280 J	330 J	150 J	540	330	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	4	3.9	22	< 4.4 U	< 12 U	< 17 U	< 5.1 U	< 8.1 U	< 4.6 U	4	3.9	22	4	3.9	22	4	3.9	22
Silver	mg/kg	8.3	2	22	< 0.44 U	< 1.2 U	< 1.7 U	< 0.51 U	< 0.81 U	< 0.46 U	8.3	2	22	8.3	2	22	8.3	2	22
Sodium	mg/kg	-	-	-	< 220 U	100 J	130 J	53 J	74 J	41 J	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	-	5	-	< 2.2 U	< 5.8 U	< 8.4 U	< 2.6 U	< 4 U	< 2.3 U	-	5	-	-	5	-	-	5	-
Vanadium	mg/kg	-	39	100	9.4	13	14	9.3	16	12	-	39	100	-	39	100	-	39	100
Zinc	mg/kg	2480	109	1300	14	53	86	12	32	11	2480	109	1300	2480	109	1300	2480	109	1300
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	R	< 0.25 U	0.52	< 0.15 U	< 0.31 U	< 0.17 U	40	2.3	2.6	40	2.3	2.6	40	2.3	2.6
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	91000	130000 J	NA	NA	NA	-	-	-	-	-	-	-	-	-

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-35	SD-36	SD-36	SD-37	SD-37	SD-38
Sample Name					SD-35-12-24	SD-36-0-6	SD-36-6-12	SD-37-0-6	SD-37-6-12	SD-38-0-6
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.019 U	< 0.085 U	< 0.022 U	< 0.042 U	< 0.035 U	< 0.057 U
Acetone	mg/kg	0.03	0.03	100	0.027 J	0.14 J	0.02 J	0.11 J	0.05 J	0.1 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.019 U	< 0.085 U	< 0.022 U	< 0.042 U	< 0.035 U	< 0.057 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0019 U	< 0.0085 U	< 0.0022 U	< 0.0042 U	< 0.0035 U	< 0.0057 U
Methyl Acetate	mg/kg	-	-	-	< 0.0019 U	< 0.0085 U	< 0.0022 U	< 0.0042 U	< 0.0035 U	< 0.0057 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.037 U	< 0.17 UJ	< 0.043 UJ	< 0.084 UJ	< 0.069 UJ	< 0.11 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.019 U	< 0.085 U	< 0.022 U	< 0.042 U	< 0.035 U	< 0.057 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0019 U	< 0.0085 U	< 0.0022 U	< 0.0042 U	< 0.0035 U	< 0.0057 U
Toluene	mg/kg	0.7	0.7	100	< 0.0019 U	< 0.0085 U	< 0.0022 U	0.0012 J	< 0.0035 U	0.0018 J
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.84 U	< 2.4 U	< 0.91 U	< 1.2 U	< 0.86 U	< 1.7 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.063 U	< 0.18 U	< 0.068 U	< 0.089 U	< 0.064 U	< 0.13 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.83 U	< 2.3 U	< 0.89 U	< 1.2 U	< 0.84 U	< 1.7 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
Acenaphthene	mg/kg	98	20	100	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Acenaphthylene	mg/kg	365	100	100	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Acetophenone	mg/kg	-	-	-	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
Anthracene	mg/kg	1000	100	100	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Benzaldehyde	mg/kg	-	-	-	< 0.43 U	0.68 J	< 0.46 U	0.44 J	0.1 J	0.1 J
Benzo(a)pyrene	mg/kg	22	1	1	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.43 UJ	< 1.2 UJ	< 0.46 UJ	< 0.61 UJ	< 0.43 UJ	< 0.85 UJ
Carpolactam	mg/kg	-	-	-	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
Carbazole	mg/kg	-	-	-	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Chrysene	mg/kg	1	1	1.2	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
Fluoranthene	mg/kg	1000	85	100	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Fluorene	mg/kg	386	30	100	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.43 U	< 1.2 UJ	< 0.46 UJ	< 0.61 UJ	< 0.43 U	< 0.85 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Naphthalene	mg/kg	12	12	84	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Phenol	mg/kg	0.33	0.33	100	< 0.43 U	< 1.2 U	< 0.46 U	< 0.61 U	< 0.43 U	< 0.85 U
Pyrene	mg/kg	1000	64	100	< 0.21 U	< 0.6 U	< 0.23 U	< 0.3 U	< 0.22 U	< 0.43 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.005 U	< 0.014 U	< 0.0054 U	< 0.0071 U	< 0.0051 U	< 0.01 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.005 U	0.017	< 0.0054 U	0.0011 J	< 0.0051 U	0.0036 J
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.005 U	0.0057 J	< 0.0054 U	< 0.0071 U	< 0.0051 U	< 0.01 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.0063 U	< 0.018 U	< 0.0068 U	< 0.0089 U	< 0.0064 U	< 0.013 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0063 U	< 0.018 U	< 0.0068 U	< 0.0089 U	< 0.0064 U	< 0.013 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0063 U	< 0.018 U	< 0.0068 U	< 0.0089 U	< 0.0064 U	< 0.013 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.0063 U	< 0.018 U	< 0.0068 U	< 0.0089 U	< 0.0064 U	< 0.013 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.005 U	< 0.014 U	< 0.0054 U	< 0.0071 U	< 0.0051 U	< 0.01 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.0063 U	< 0.018 U	< 0.0068 U	< 0.0089 U	< 0.0064 U	< 0.013 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.01 U	< 0.028 U	< 0.011 U	< 0.014 U	< 0.01 U	< 0.02 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.01 U	< 0.028 U	< 0.011 U	< 0.014 U	< 0.01 U	< 0.02 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-35		SD-36		SD-36		SD-37		SD-37		SD-38	
Sample Name		SD-35-12-24		SD-36-0-6		SD-36-6-12		SD-37-0-6		SD-37-6-12		SD-38-0-6	
Sample Date		11/28/2022		11/28/2022		11/28/2022		11/28/2022		11/28/2022		11/28/2022	
Sample Depth Interval (ft bgs)		1 - 2 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft	
Analyte	Unit	Criteria											
		(1)	(2)	(3)									
Endrin aldehyde	mg/kg	-	-	-	< 0.01 U	< 0.028 U	< 0.011 U	< 0.014 U	< 0.01 U	< 0.02 U	< 0.02 U	< 0.02 U	< 0.02 U
Endrin ketone	mg/kg	-	-	-	< 0.01 U	< 0.028 U	< 0.011 U	< 0.014 U	< 0.01 U	< 0.02 U	< 0.02 U	< 0.02 U	< 0.02 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0025 U	< 0.0071 UJ	< 0.0027 UJ	< 0.0036 UJ	< 0.0026 UJ	< 0.005 UJ	< 0.005 UJ	< 0.005 UJ	< 0.005 UJ
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0063 U	< 0.018 U	< 0.0068 U	< 0.0089 U	< 0.0064 U	< 0.013 U	< 0.013 U	< 0.013 U	< 0.013 U
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.0063 U	< 0.018 U	< 0.0068 U	< 0.0089 U	< 0.0064 U	< 0.013 U	< 0.013 U	< 0.013 U	< 0.013 U
Methoxychlor	mg/kg	900	1.2	100	< 0.063 UJ	< 0.18 U	< 0.068 U	< 0.089 U	< 0.064 U	< 0.13 U	< 0.13 U	< 0.13 U	< 0.13 U
Polychlorinated Biphenyls (PCBs)													
Aroclor 1242	mg/kg	-	-	-	< 0.1 U	< 0.28 U	< 0.11 U	< 0.14 U	< 0.1 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Aroclor 1248	mg/kg	-	-	-	< 0.1 U	< 0.28 U	< 0.11 U	< 0.14 U	< 0.1 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Aroclor 1254	mg/kg	-	-	-	< 0.1 U	0.095 J	< 0.11 U	< 0.14 U	< 0.1 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Aroclor 1260	mg/kg	-	-	-	< 0.1 U	< 0.28 U	< 0.11 U	< 0.14 U	< 0.1 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Aroclor 1268	mg/kg	-	-	-	< 0.1 U	< 0.28 U	< 0.11 U	< 0.14 U	< 0.1 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
PCB (total)	mg/kg	3.2	0.1	1	ND	0.095	ND	ND	ND	ND	ND	ND	ND
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	5100	15000	5400	2400	1900	9600	9600	9600	9600
Antimony	mg/kg	-	12	-	< 2.1 UJ	< 5.6 U	< 2.1 U	< 2.9 U	< 2.1 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U
Arsenic	mg/kg	16	13	16	< 4.1 U	4.5 J	1.6 J	1.9 J	0.77 J	2.1 J	2.1 J	2.1 J	2.1 J
Barium	mg/kg	820	410	410	9.2	170	25	150	57	39	39	39	39
Beryllium	mg/kg	47	4.4	8.8	0.052 J	0.29 J	0.14 J	< 0.29 U	< 0.21 U	0.16 J	0.16 J	0.16 J	0.16 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.41 U	0.87 J	< 0.43 U	0.59	< 0.42 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
Calcium	mg/kg	-	10000	-	760	25000	1800	7300	1600	1300	1300	1300	1300
Chromium (total)	mg/kg	19	1	1	4.7	5.7	4.6	2.4	1.7	8	8	8	8
Cobalt	mg/kg	-	20	30	< 2.1 U	1.7 J	1.6 J	0.76 J	0.37 J	1.8 J	1.8 J	1.8 J	1.8 J
Copper	mg/kg	1720	50	280	1.7	26	4.1	16	3.9	7.1	7.1	7.1	7.1
Iron	mg/kg	-	2000	2000	6700	11000	8100	5600	4200	9400	9400	9400	9400
Lead	mg/kg	450	63	400	1.5	46	3.8	12	5.3	25	25	25	25
Magnesium	mg/kg	-	-	-	1200	2800	1300	660	240	950	950	950	950
Manganese	mg/kg	2000	1600	2000	41	780	110	450	85	66	66	66	66
Mercury	mg/kg	0.73	0.18	0.3	0.015 J	0.27	0.079	0.057	0.039	0.078	0.078	0.078	0.078
Nickel	mg/kg	130	30	87	4.5	8.4	5.1	38	5.2	5.3	5.3	5.3	5.3
Potassium	mg/kg	-	-	-	350 J-	240 J	240	240 J	140 J	320 J	320 J	320 J	320 J
Selenium	mg/kg	4	3.9	22	< 4.1 U	< 11 U	< 4.3 U	< 5.8 U	< 4.2 U	< 8.1 U	< 8.1 U	< 8.1 U	< 8.1 U
Silver	mg/kg	8.3	2	22	< 0.41 U	< 1.1 U	< 0.43 U	< 0.58 U	< 0.42 U	< 0.81 U	< 0.81 U	< 0.81 U	< 0.81 U
Sodium	mg/kg	-	-	-	< 210 U	250 J	43 J	51 J	< 210 U	< 410 U	< 410 U	< 410 U	< 410 U
Thallium	mg/kg	-	5	-	< 2.1 U	< 5.6 U	< 2.1 U	< 2.9 U	< 2.1 U	< 4.1 U	< 4.1 U	< 4.1 U	< 4.1 U
Vanadium	mg/kg	-	39	100	8.4	11	9.3	11	8.6	18	18	18	18
Zinc	mg/kg	2480	109	1300	9.7	72	12	340	29	37	37	37	37
Miscellaneous													
Cyanide	mg/kg	40	2.3	2.6	< 0.14 U	1	0.55	0.38	0.25	0.46 J	0.46 J	0.46 J	0.46 J
Total Organic Carbon (TOC)	mg/kg	-	-	-	3700	230000 J	NA	19000	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-38	SD-38	SD-39	SD-39	SD-39	SD-40
Sample Name					SD-38-6-12	SD-38-12-24	SD-39-0-6	SD-39-6-12	SD-39-12-24	SD-40-0-6
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022	5/15/2023
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.052 U	< 0.023 U	< 0.032 U	< 0.033 U	< 0.029 U	NA
Acetone	mg/kg	0.03	0.03	100	0.064 J	0.038 J	0.12 J	< 0.16 U	0.058 J	NA
Chloroethane	mg/kg	1.9	1.9	-	< 0.052 U	< 0.023 U	< 0.032 U	< 0.033 U	< 0.029 U	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0052 U	< 0.0023 U	< 0.0032 U	< 0.0033 U	< 0.0029 U	NA
Methyl Acetate	mg/kg	-	-	-	< 0.0052 U	< 0.0023 U	< 0.0032 U	< 0.0033 U	< 0.0029 U	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.1 U	< 0.045 U	0.011 J	< 0.066 U	< 0.058 U	NA
Methylene chloride	mg/kg	0.05	0.05	17	< 0.052 U	< 0.023 U	< 0.032 U	< 0.033 U	< 0.029 U	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0052 U	< 0.0023 U	< 0.0032 U	< 0.0033 UJ	< 0.0029 U	NA
Toluene	mg/kg	0.7	0.7	100	0.0019 J	< 0.0023 U	< 0.0032 U	< 0.0033 U	< 0.0029 U	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 1.6 U	< 0.86 U	< 1.1 U	< 0.92 U	< 0.96 U	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.12 U	< 0.064 U	< 0.084 U	< 0.069 U	< 0.071 U	NA
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
4-Chloroaniline	mg/kg	0.22	0.22	100	< 1.5 U	< 0.85 U	< 1.1 U	< 0.91 U	< 0.94 U	NA
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
Acenaphthene	mg/kg	98	20	100	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Acenaphthylene	mg/kg	365	100	100	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Acetophenone	mg/kg	-	-	-	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
Anthracene	mg/kg	1000	100	100	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Benz(a)anthracene	mg/kg	1	1	1	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Benzaldehyde	mg/kg	-	-	-	0.079 J	< 0.44 U	0.36 J	< 0.47 U	< 0.48 U	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.79 U	< 0.44 U	2.1	< 0.47 U	< 0.48 U	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.79 UJ	< 0.44 UJ	4.6 J	0.1 J	< 0.48 UJ	NA
Carpolactam	mg/kg	-	-	-	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
Carbazole	mg/kg	-	-	-	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Chrysene	mg/kg	1	1	1.2	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.79 U	< 0.44 U	0.12 J	< 0.47 U	< 0.48 U	NA
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.79 U	< 0.44 U	0.5 J	< 0.47 U	< 0.48 U	NA
Fluoranthene	mg/kg	1000	85	100	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Fluorene	mg/kg	386	30	100	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Naphthalene	mg/kg	12	12	84	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.4 U	< 0.22 U	< 0.29 U	< 0.23 U	< 0.24 U	NA
Phenol	mg/kg	0.33	0.33	100	< 0.79 U	< 0.44 U	< 0.57 U	< 0.47 U	< 0.48 U	NA
Pyrene	mg/kg	1000	64	100	< 0.4 U	< 0.22 U	0.12 J	< 0.23 U	< 0.24 U	NA
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0093 U	< 0.0051 U	< 0.067 U	< 0.0055 U	< 0.0057 U	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.0026 J	< 0.0051 U	< 0.067 U	< 0.0055 U	< 0.0057 U	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0093 U	< 0.0051 U	< 0.067 U	< 0.0055 U	< 0.0057 U	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.012 U	< 0.0064 U	< 0.084 U	< 0.0069 U	< 0.0071 U	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.012 U	< 0.0064 U	< 0.084 U	< 0.0069 U	< 0.0071 U	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.012 U	< 0.0064 U	< 0.084 U	< 0.0069 U	< 0.0071 U	NA
delta-BHC	mg/kg	0.1	0.04	100	< 0.012 U	< 0.0064 U	< 0.084 U	< 0.0069 U	< 0.0071 U	NA
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0093 U	< 0.0051 U	< 0.067 U	< 0.0055 U	< 0.0057 U	NA
Endosulfan I	mg/kg	65	4.3	8.4	< 0.012 U	< 0.0064 U	< 0.084 U	< 0.0069 U	< 0.0071 U	NA
Endosulfan II	mg/kg	44	4.3	8.4	< 0.019 U	< 0.01 U	< 0.13 U	< 0.011 U	< 0.011 U	NA
Endrin	mg/kq	0.06	0.014	1.2	< 0.019 U	< 0.01 U	< 0.13 U	< 0.011 U	< 0.011 U	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-38			SD-38			SD-39			SD-39			SD-39			SD-40		
Sample Name		SD-38-6-12			SD-38-12-24			SD-39-0-6			SD-39-6-12			SD-39-12-24			SD-40-0-6		
Sample Date		11/28/2022			11/28/2022			11/28/2022			11/28/2022			11/28/2022			5/15/2023		
Sample Depth Interval (ft bgs)		0.5 - 1 ft			1 - 2 ft			0 - 0.5 ft			0.5 - 1 ft			1 - 2 ft			0 - 0.5 ft		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	< 0.019 U	< 0.01 U	< 0.13 U	< 0.011 U	< 0.011 U	< 0.011 U	NA								
Endrin ketone	mg/kg	-	-	-	< 0.019 U	< 0.01 U	< 0.13 U	< 0.011 U	< 0.011 U	< 0.011 U	NA								
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0047 UJ	< 0.0026 U	< 0.034 UJ	< 0.0027 U	< 0.0029 U	< 0.0029 U	NA								
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA								
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.012 U	< 0.0064 U	< 0.084 U	< 0.0069 U	< 0.0071 U	< 0.0071 U	NA								
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.012 U	< 0.0064 U	< 0.084 U	< 0.0069 U	< 0.0071 U	< 0.0071 U	NA								
Methoxychlor	mg/kg	900	1.2	100	< 0.12 U	< 0.064 UJ	< 0.84 U	< 0.069 U	< 0.071 UJ	< 0.071 UJ	NA								
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.19 U	< 0.1 U	< 0.13 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.24 U								
Aroclor 1248	mg/kg	-	-	-	< 0.19 U	< 0.1 U	1.2	< 0.11 U	< 0.11 U	< 0.11 U	< 0.24 U								
Aroclor 1254	mg/kg	-	-	-	< 0.19 U	0.033 J	1.7	0.064 J	< 0.11 U	< 0.11 U	< 0.24 U								
Aroclor 1260	mg/kg	-	-	-	< 0.19 U	< 0.1 U	0.49 J	< 0.11 U	< 0.11 U	< 0.11 U	< 0.24 U								
Aroclor 1268	mg/kg	-	-	-	< 0.19 U	< 0.1 U	< 0.13 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.24 U								
PCB (total)	mg/kg	3.2	0.1	1	NA	0.033	3.39	0.064	ND	ND	ND								
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	11000	8300	5500	2900	7300	8000									
Antimony	mg/kg	-	12	-	< 3.7 U	< 2 U	14	< 2.3 U	< 2.3 U	< 4.8 U									
Arsenic	mg/kg	16	13	16	2.5 J	< 4 U	2.6 J	1.3 J	< 4.6 U	< 9.7 U									
Barium	mg/kg	820	410	410	50	15	250	12	29	93									
Beryllium	mg/kg	47	4.4	8.8	0.21 J	< 0.2 U	< 0.28 U	< 0.23 U	< 0.23 U	0.23 J									
Cadmium	mg/kg	7.5	2.5	2.5	< 0.74 U	< 0.4 U	5.4	< 0.45 U	< 0.46 U	0.61 J									
Calcium	mg/kg	-	10000	-	1500	440	4300	400	1100	9300									
Chromium (total)	mg/kg	19	1	1	8.6	7.3	45	3.1	7.3	7.2									
Cobalt	mg/kg	-	20	30	2 J	3	9.2	1.3 J	3	3 J									
Copper	mg/kg	1720	50	280	7.4	1.7	420	31	46	10 B									
Iron	mg/kg	-	2000	2000	11000	9700	65000	5200	11000	11000									
Lead	mg/kg	450	63	400	28	1.7	920	11	24	27									
Magnesium	mg/kg	-	-	-	980	1200	920	770	1700	930									
Manganese	mg/kg	2000	1600	2000	71	110	510	60	150	740									
Mercury	mg/kg	0.73	0.18	0.3	0.098	0.033	1.9	0.063	0.053	NA									
Nickel	mg/kg	130	30	87	5.5	6.6	82	4	8.3	5.6									
Potassium	mg/kg	-	-	-	380	350	260 J	140 J	370	370 J									
Selenium	mg/kg	4	3.9	22	< 7.4 U	< 4 U	< 5.5 U	< 4.5 U	< 4.6 U	< 9.7 U									
Silver	mg/kg	8.3	2	22	< 0.74 U	< 0.4 U	0.74	< 0.45 U	< 0.46 U	< 0.97 U									
Sodium	mg/kg	-	-	-	< 370 U	< 200 U	90 J	< 230 U	< 230 U	< 480 U									
Thallium	mg/kg	-	5	-	< 3.7 U	< 2 U	< 2.8 U	< 2.3 U	< 2.3 U	< 4.8 U									
Vanadium	mg/kg	-	39	100	23	15	15	6.5	12	19									
Zinc	mg/kg	2480	109	1300	45	11	1000	42	93	200									
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	0.62	< 0.14 UJ	1.3	0.14	0.19 J	NA									
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	25000	NA	NA	69000									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-40	SD-41	SD-41	SD-42	SD-42	SD-43
Sample Name					SD-40-6-12	SD-41-0-6	SD-41-6-12	SD-42-0-6	SD-42-6-12	SD-43-0-6
Sample Date					5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	1.9	1.9	-	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	NA	NA	NA	NA	NA	NA
4-Chloroaniline	mg/kg	0.22	0.22	100	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	365	100	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	NA	NA	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	0.06	0.014	1.2	NA	NA	NA	NA	NA	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-40		SD-41		SD-41		SD-42		SD-42		SD-43	
Sample Name		SD-40-6-12		SD-41-0-6		SD-41-6-12		SD-42-0-6		SD-42-6-12		SD-43-0-6	
Sample Date		5/15/2023		5/15/2023		5/15/2023		5/15/2023		5/15/2023		5/15/2023	
Sample Depth Interval (ft bgs)		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft	
Analyte	Unit	Criteria											
		(1)	(2)	(3)									
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)													
Aroclor 1242	mg/kg	-	-	-	< 0.099 U	< 0.23 U	< 0.12 U	< 0.18 U	< 0.14 U	< 0.14 U	< 0.14 U	NA	NA
Aroclor 1248	mg/kg	-	-	-	< 0.099 U	< 0.23 U	< 0.12 U	< 0.18 U	< 0.14 U	< 0.14 U	< 0.14 U	NA	NA
Aroclor 1254	mg/kg	-	-	-	< 0.099 U	< 0.23 U	< 0.12 U	< 0.18 U	< 0.14 U	< 0.14 U	< 0.14 U	NA	NA
Aroclor 1260	mg/kg	-	-	-	< 0.099 U	< 0.23 U	< 0.12 U	< 0.18 U	< 0.14 U	< 0.14 U	< 0.14 U	NA	NA
Aroclor 1268	mg/kg	-	-	-	< 0.099 U	< 0.23 U	< 0.12 U	< 0.18 U	< 0.14 U	< 0.14 U	< 0.14 U	NA	NA
PCB (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	ND	ND	ND	NA	NA
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	7200	14000	17000	11000	7400	7400	7400	13000	13000
Antimony	mg/kg	-	12	-	< 2 U	< 4.7 U	< 2.3 U	< 3.6 U	< 2.8 U	< 2.8 U	< 2.8 U	< 3 U	< 3 U
Arsenic	mg/kg	16	13	16	< 3.9 U	3.7 J	7.5	1.4 J	1.8 J	1.8 J	1.8 J	6	6
Barium	mg/kg	820	410	410	100	150	240	250	110	110	110	180	180
Beryllium	mg/kg	47	4.4	8.8	0.2	0.35 J	0.42	0.21 J	0.15 J	0.15 J	0.15 J	0.25 J	0.25 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.39 U	0.6 J	< 0.47 U	0.86	< 0.56 U	< 0.56 U	< 0.56 U	0.44 J	0.44 J
Calcium	mg/kg	-	10000	-	1000	8100	2100	4600	1700	1700	1700	3700	3700
Chromium (total)	mg/kg	19	1	1	7.5	14	19	10	8.4	8.4	8.4	13	13
Cobalt	mg/kg	-	20	30	2.1	4.5 J	5.1	1.6 J	2.1 J	2.1 J	2.1 J	2 J	2 J
Copper	mg/kg	1720	50	280	2.1 B	9.8 B	3.4 B	21 B	3.7 B	3.7 B	3.7 B	9.7 B	9.7 B
Iron	mg/kg	-	2000	2000	7800	9000	17000	3900	7900	7900	7900	6700	6700
Lead	mg/kg	450	63	400	3.9	30	7	47	7.2	7.2	7.2	23	23
Magnesium	mg/kg	-	-	-	1100	2100	3200	1200	1500	1500	1500	1600	1600
Manganese	mg/kg	2000	1600	2000	100	270	260	100	84	84	84	350	350
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	130	30	87	3.6	9.9	9.9	11	5.8	5.8	5.8	6.4	6.4
Potassium	mg/kg	-	-	-	230	570	660	670	440	440	440	520	520
Selenium	mg/kg	4	3.9	22	< 3.9 U	< 9.4 U	< 4.7 U	< 7.1 U	< 5.6 U	< 5.6 U	< 5.6 U	< 5.9 U	< 5.9 U
Silver	mg/kg	8.3	2	22	< 0.39 U	< 0.94 U	< 0.47 U	< 0.71 U	< 0.56 U	< 0.56 U	< 0.56 U	< 0.59 U	< 0.59 U
Sodium	mg/kg	-	-	-	< 200 U	< 470 U	43 J	140 J	68 J	68 J	68 J	240 J	240 J
Thallium	mg/kg	-	5	-	< 2 U	< 4.7 U	< 2.3 U	< 3.6 U	< 2.8 U	< 2.8 U	< 2.8 U	< 3 U	< 3 U
Vanadium	mg/kg	-	39	100	15	26	31	13	14	14	14	16	16
Zinc	mg/kg	2480	109	1300	11	170	46	52	20	20	20	32	32
Miscellaneous													
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	41000	NA	51000	NA	NA	NA	27000	27000

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-43	SD-44	SD-44	SD-45	SD-45	SD-46
Sample Name					SD-43-6-12	SD-44-0-6	SD-44-6-12	SD-45-0-6	SD-45-6-12	SD-46-0-6
Sample Date					5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	1.9	1.9	-	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	NA	NA	NA	NA	NA	NA
4-Chloroaniline	mg/kg	0.22	0.22	100	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	365	100	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	NA	NA	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	0.06	0.014	1.2	NA	NA	NA	NA	NA	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-43		SD-44		SD-44		SD-45		SD-45		SD-46	
Sample Name		SD-43-6-12		SD-44-0-6		SD-44-6-12		SD-45-0-6		SD-45-6-12		SD-46-0-6	
Sample Date		5/15/2023		5/15/2023		5/15/2023		5/15/2023		5/15/2023		5/15/2023	
Sample Depth Interval (ft bgs)		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft	
Analyte	Unit	Criteria											
		(1)	(2)	(3)									
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)													
Aroclor 1242	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.15 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Aroclor 1248	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.15 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Aroclor 1254	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.15 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Aroclor 1260	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.15 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Aroclor 1268	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.15 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
PCB (total)	mg/kg	3.2	0.1	1	NA	NA	NA	ND	ND	ND	ND	ND	ND
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	7900	10000	11000	17000	14000	20000	20000	20000	20000
Antimony	mg/kg	-	12	-	< 2.7 U	< 2.8 U	< 3.2 U	< 4.2 UJ	< 2.9 U	< 3.4 U	< 3.4 U	< 3.4 U	< 3.4 U
Arsenic	mg/kg	16	13	16	4.3 J	1.1 J	1.2 J	2.4 J	4.1 J	1.8 J	1.8 J	1.8 J	1.8 J
Barium	mg/kg	820	410	410	110	200	240	470	300	240	240	240	240
Beryllium	mg/kg	47	4.4	8.8	0.17 J	0.18 J	0.21 J	0.41 J	0.29 J	0.35	0.35	0.35	0.35
Cadmium	mg/kg	7.5	2.5	2.5	< 0.55 U	< 0.56 U	< 0.63 U	1.1	0.47 J	< 0.68 U	< 0.68 U	< 0.68 U	< 0.68 U
Calcium	mg/kg	-	10000	-	2100	3200	3800	7600	4600	2500	2500	2500	2500
Chromium (total)	mg/kg	19	1	1	8.9	8.7	10	15	15	18	18	18	18
Cobalt	mg/kg	-	20	30	2.3 J	0.87 J	1 J	1.9 J	2.2 J	2.7 J	2.7 J	2.7 J	2.7 J
Copper	mg/kg	1720	50	280	4.2 B	4.3 B	5.1 B	16 B	12 B	2.4 B	2.4 B	2.4 B	2.4 B
Iron	mg/kg	-	2000	2000	6700	3300	3700	7900	8800	9700	9700	9700	9700
Lead	mg/kg	450	63	400	5.9	6.4	8.8	34	22	8.5	8.5	8.5	8.5
Magnesium	mg/kg	-	-	-	1700	1000	1200	2300	2200	2300	2300	2300	2300
Manganese	mg/kg	2000	1600	2000	180	85	110	150 J+	130	150	150	150	150
Mercury	mg/kg	0.73	0.18	0.3	NA	NA	NA	NA	NA	0.11	0.11	0.11	0.11
Nickel	mg/kg	130	30	87	6	4.3	5.1	13	8.9	6.8	6.8	6.8	6.8
Potassium	mg/kg	-	-	-	410	450	510	900 J+	680	670	670	670	670
Selenium	mg/kg	4	3.9	22	< 5.5 U	< 5.6 U	< 6.3 U	< 8.3 U	< 5.9 U	< 6.8 U	< 6.8 U	< 6.8 U	< 6.8 U
Silver	mg/kg	8.3	2	22	< 0.55 U	< 0.56 U	< 0.63 U	< 0.83 U	< 0.59 U	< 0.68 U	< 0.68 U	< 0.68 U	< 0.68 U
Sodium	mg/kg	-	-	-	110 J	130 J	160 J	210 J	140 J	240 J	240 J	240 J	240 J
Thallium	mg/kg	-	5	-	< 2.7 U	< 2.8 U	< 3.2 U	< 4.2 U	< 2.9 U	< 3.4 U	< 3.4 U	< 3.4 U	< 3.4 U
Vanadium	mg/kg	-	39	100	13	9.3	11	17	20	22	22	22	22
Zinc	mg/kg	2480	109	1300	17	17	19	52	45	36	36	36	36
Miscellaneous													
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	21000	NA	55000	NA	25000	25000	25000	25000

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-46	SD-47	SD-47	SD-48	SD-48	SD-49
Sample Name					SD-46-6-12	SD-47-0-6	SD-47-6-12	SD-48-0-6	SD-48-6-12	SD-49-0-6
Sample Date					5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	1.9	1.9	-	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	< 0.079 U	< 0.078 U	< 0.091 U	< 0.065 U	NA
2,4-Dimethylphenol	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	NA	NA	NA	NA	NA	NA
4-Chloroaniline	mg/kg	0.22	0.22	100	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	365	100	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	NA	NA	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	0.06	0.014	1.2	NA	NA	NA	NA	NA	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-46		SD-47		SD-47		SD-48		SD-49	
Sample Name		SD-46-6-12		SD-47-0-6		SD-47-6-12		SD-48-0-6		SD-48-6-12	
Sample Date		5/15/2023		5/15/2023		5/15/2023		5/15/2023		5/15/2023	
Sample Depth Interval (ft bgs)		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft	
Analyte	Unit	Criteria									
		(1)	(2)	(3)							
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)											
Aroclor 1242	mg/kg	-	-	-	< 0.11 U	NA	NA	< 0.14 U	< 0.1 U	< 0.22 U	
Aroclor 1248	mg/kg	-	-	-	< 0.11 U	NA	NA	< 0.14 U	< 0.1 U	< 0.22 U	
Aroclor 1254	mg/kg	-	-	-	< 0.11 U	NA	NA	< 0.14 U	< 0.1 U	< 0.22 U	
Aroclor 1260	mg/kg	-	-	-	< 0.11 U	NA	NA	< 0.14 U	< 0.1 U	< 0.22 U	
Aroclor 1268	mg/kg	-	-	-	< 0.11 U	NA	NA	< 0.14 U	< 0.1 U	< 0.22 U	
PCB (total)	mg/kg	3.2	0.1	1	ND	NA	NA	ND	ND	ND	
Metals and Inorganics											
Aluminum	mg/kg	-	10000	-	18000	18000	28000	8500	12000	9300	
Antimony	mg/kg	-	12	-	< 2.3 U	< 2.6 U	< 2.5 U	< 2.9 U	< 2.1 UJ	< 4.4 U	
Arsenic	mg/kg	16	13	16	1.3 J	2.7 J	3.9 J	0.97 J	1.5 J	< 8.8 U	
Barium	mg/kg	820	410	410	230	240	300	57	110	51	
Beryllium	mg/kg	47	4.4	8.8	0.29	0.27	0.41	0.29	0.43	0.28 J	
Cadmium	mg/kg	7.5	2.5	2.5	< 0.47 U	< 0.51 U	< 0.49 U	0.19 J	< 0.42 U	< 0.88 U	
Calcium	mg/kg	-	10000	-	2400	3300	2700	3700	1100	4400	
Chromium (total)	mg/kg	19	1	1	16	17	24	5.7	12	5.5	
Cobalt	mg/kg	-	20	30	2.2 J	2.4 J	5.2	1.1 J	3.1	< 4.4 U	
Copper	mg/kg	1720	50	280	2.2 B	2.8 B	2.9 B	5 B	3.2 B	2.9 B	
Iron	mg/kg	-	2000	2000	7300	15000	52000	4500	7200	1500	
Lead	mg/kg	450	63	400	7.1	8.8	8.6	17	3.9	24	
Magnesium	mg/kg	-	-	-	2100	2500	3900	800	1700	1200	
Manganese	mg/kg	2000	1600	2000	92	94	270	200	260	15	
Mercury	mg/kg	0.73	0.18	0.3	0.091	NA	NA	NA	NA	NA	
Nickel	mg/kg	130	30	87	6.2	6.7	10	3.5	7.7	2.1	
Potassium	mg/kg	-	-	-	600	710	850	390	490	430 J	
Selenium	mg/kg	4	3.9	22	< 4.7 U	< 5.1 U	< 4.9 U	< 5.7 U	< 4.2 U	< 8.8 U	
Silver	mg/kg	8.3	2	22	< 0.47 U	< 0.51 U	< 0.49 U	< 0.57 U	1	< 0.88 U	
Sodium	mg/kg	-	-	-	270	200 J	250	58 J	71 J	100 J	
Thallium	mg/kg	-	5	-	< 2.3 U	< 2.6 U	< 2.5 U	< 2.9 U	< 2.1 U	< 4.4 U	
Vanadium	mg/kg	-	39	100	16	25	43	11	17	8.3	
Zinc	mg/kg	2480	109	1300	31	38	61	12	17	8.5	
Miscellaneous											
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	21000	NA	52000	NA	64000	

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-49	SD-50	SD-50	SD-51	SD-51	SD-51
Sample Name					SD-49-6-12	SD-50-0-6	SD-50-6-12	SD-51-0-6	SD-51-6-12	SD-101-6-12
Sample Date					5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0.5 - 1 ft
Analyte	Unit	Criteria								Field Duplicate
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	1.9	1.9	-	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	< 0.068 U
2,4-Dimethylphenol	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	NA	NA	NA
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	NA	NA	NA	NA	NA	NA
4-Chloroaniline	mg/kg	0.22	0.22	100	NA	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	365	100	100	NA	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	NA	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	NA	NA	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	0.06	0.014	1.2	NA	NA	NA	NA	NA	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-49		SD-50		SD-50		SD-51		SD-51	
Sample Name		SD-49-6-12		SD-50-0-6		SD-50-6-12		SD-51-0-6		SD-51-6-12	
Sample Date		5/15/2023		5/15/2023		5/15/2023		5/15/2023		5/15/2023	
Sample Depth Interval (ft bgs)		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft	
Analyte	Unit	Criteria									Field Duplicate
		(1)	(2)	(3)							
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)											
Aroclor 1242	mg/kg	-	-	-	< 0.11 U	< 0.19 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Aroclor 1248	mg/kg	-	-	-	< 0.11 U	< 0.19 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Aroclor 1254	mg/kg	-	-	-	< 0.11 U	< 0.19 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Aroclor 1260	mg/kg	-	-	-	< 0.11 U	< 0.19 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
Aroclor 1268	mg/kg	-	-	-	< 0.11 U	< 0.19 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U	< 0.11 U
PCB (total)	mg/kg	3.2	0.1	1	ND	ND	ND	ND	ND	ND	ND
Metals and Inorganics											
Aluminum	mg/kg	-	10000	-	8800	8900	9400	6300	5000	5400	
Antimony	mg/kg	-	12	-	< 2.2 U	< 3.8 U	< 2.1 U	< 2.2 U	< 2.1 U	< 2.2 U	
Arsenic	mg/kg	16	13	16	< 4.3 U	< 7.7 U	0.79 J	0.94 J	0.78 J	< 4.5 U	
Barium	mg/kg	820	410	410	25	53	31	23	17	19	
Beryllium	mg/kg	47	4.4	8.8	< 0.22 U	< 0.38 U	< 0.21 U	< 0.22 U	< 0.21 U	< 0.22 U	
Cadmium	mg/kg	7.5	2.5	2.5	< 0.43 U	< 0.77 U	< 0.42 U	< 0.45 U	< 0.43 U	< 0.45 U	
Calcium	mg/kg	-	10000	-	500	4500	440	240	260	280	
Chromium (total)	mg/kg	19	1	1	4.6	5.3	4.6	4.6	4.2	4.6	
Cobalt	mg/kg	-	20	30	0.62 J	< 3.8 U	0.93 J	1.4 J	1.6 J	1.9 J	
Copper	mg/kg	1720	50	280	1.3 B	3.3 B	< 0.84 U	1.6 B	1.4 B	1.6 B	
Iron	mg/kg	-	2000	2000	1500	1400	1100	3100	3200	3800	
Lead	mg/kg	450	63	400	4.3	26	4.4 B	9.2	3.4 B	3.5 B	
Magnesium	mg/kg	-	-	-	640	1200	530	740	840	1000	
Manganese	mg/kg	2000	1600	2000	10	15	6.7	24	28	35	
Mercury	mg/kg	0.73	0.18	0.3	NA	0.12	0.062	0.03 J	0.032 J	0.024 J	
Nickel	mg/kg	130	30	87	2.4	1.9	2.3	3.5	4	4.6	
Potassium	mg/kg	-	-	-	380	450	360	280	270	330	
Selenium	mg/kg	4	3.9	22	< 4.3 U	< 7.7 U	< 4.2 U	< 4.5 U	< 4.3 U	< 4.5 U	
Silver	mg/kg	8.3	2	22	< 0.43 U	< 0.77 U	< 0.42 U	< 0.45 U	< 0.43 U	< 0.45 U	
Sodium	mg/kg	-	-	-	49 J	96 J	47 J	< 220 U	< 210 U	< 220 U	
Thallium	mg/kg	-	5	-	< 2.2 U	< 3.8 U	< 2.1 U	< 2.2 U	< 2.1 U	< 2.2 U	
Vanadium	mg/kg	-	39	100	7.3	7.8	5.9	8.1	6.6	6.7	
Zinc	mg/kg	2480	109	1300	5.5	12	5.7	8.8	8.1	9.1	
Miscellaneous											
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	42000	NA	49000	NA	NA	

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-52	SD-52	SD-52	SS-01	SS-01	SS-02
Sample Name					SD-52-0-6	SD-52-6-12	SD-102-6-12	SS-01-00-0.5	SS-01-0.5-01	SS-02-00-0.5
Sample Date					5/15/2023	5/15/2023	5/15/2023	10/30/2019	10/30/2019	10/30/2019
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria					Field Duplicate			
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	NA	NA	NA	< 0.031 U	< 0.031 U	< 0.033 U
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	< 0.031 U	< 0.031 U	< 0.033 U
Chloroethane	mg/kg	1.9	1.9	-	NA	NA	NA	< 0.0062 U	< 0.0063 U	< 0.0066 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	< 0.0062 U	< 0.0063 U	< 0.0066 U
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	< 0.031 U	< 0.031 U	< 0.033 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	< 0.031 U	< 0.031 U	< 0.033 U
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	< 0.0062 U	< 0.0063 U	< 0.0066 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA	NA	NA	< 0.0062 U	< 0.0063 U	< 0.0066 U
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	< 0.0062 U	< 0.0063 U	< 0.0066 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	< 0.25 U	< 0.25 U	< 0.27 U
2,4-Dimethylphenol	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	NA	NA	NA	< 0.41 U	< 0.42 U	< 0.44 U
4-Chloroaniline	mg/kg	0.22	0.22	100	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	< 0.41 U	< 0.42 U	< 0.44 U
4-Nitroaniline	mg/kg	-	-	-	NA	NA	NA	< 0.41 U	< 0.42 U	< 0.44 U
Acenaphthene	mg/kg	98	20	100	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Acenaphthylene	mg/kg	365	100	100	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Acetophenone	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Anthracene	mg/kg	1000	100	100	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	NA	< 0.21 U	< 0.21 U	0.026 J
Benzaldehyde	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	NA	< 0.21 U	< 0.21 U	0.1 J
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	NA	< 0.21 U	< 0.21 U	1.7
Carpolactam	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Carbazole	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Chrysene	mg/kg	1	1	1.2	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	NA	< 0.21 U	< 0.21 U	0.051 J
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	NA	< 0.21 U	< 0.21 U	0.2 J
Fluoranthene	mg/kg	1000	85	100	NA	NA	NA	< 0.21 U	< 0.21 U	0.048 J
Fluorene	mg/kg	386	30	100	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Naphthalene	mg/kg	12	12	84	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	NA	< 0.21 U	< 0.21 U	0.034 J
Phenol	mg/kg	0.33	0.33	100	NA	NA	NA	< 0.21 U	< 0.21 U	< 0.23 U
Pyrene	mg/kg	1000	64	100	NA	NA	NA	< 0.21 U	< 0.21 U	0.045 J
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	0.00065 J	< 0.0022 U	< 0.0045 U
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	< 0.0021 U	< 0.0022 U	0.023 J
Aldrin	mg/kg	0.19	0.0048	0.0088	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	< 0.0021 U	< 0.0022 U	0.0067 NJ
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	< 0.0021 U	< 0.0022 U	0.0055 NJ
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	0.0016 J	0.00088 J	< 0.0045 U
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U
Endrin	ma/kg	0.06	0.014	1.2	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SD-52			SD-52			SD-52			SS-01			SS-01			SS-02		
Sample Name		SD-52-0-6			SD-52-6-12			SD-102-6-12			SS-01-00-0.5			SS-01-0.5-01			SS-02-00-0.5		
Sample Date		5/15/2023			5/15/2023			5/15/2023			10/30/2019			10/30/2019			10/30/2019		
Sample Depth Interval (ft bgs)		0 - 0.5 ft			0.5 - 1 ft			0.5 - 1 ft			0 - 0.5 ft			0.5 - 1 ft			0 - 0.5 ft		
Analyte	Unit	Criteria						Field Duplicate											
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U								
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U								
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U								
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	0.0007 J	< 0.0022 U	< 0.0045 U								
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U								
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA	NA	NA	NA	< 0.0021 U	< 0.0022 U	< 0.0045 U								
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	< 0.0021 U	< 0.0022 U	0.0049 J								
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	NA	NA	NA	NA	< 0.27 U	< 0.26 U	< 0.26 U								
Aroclor 1248	mg/kg	-	-	-	NA	NA	NA	NA	< 0.27 U	< 0.26 U	< 0.26 U								
Aroclor 1254	mg/kg	-	-	-	NA	NA	NA	NA	< 0.27 U	< 0.26 U	0.29								
Aroclor 1260	mg/kg	-	-	-	NA	NA	NA	NA	< 0.27 U	< 0.26 U	< 0.26 U								
Aroclor 1268	mg/kg	-	-	-	NA	NA	NA	NA	< 0.27 U	< 0.26 U	< 0.26 U								
PCB (total)	mg/kg	3.2	0.1	1	NA	NA	NA	NA	ND	ND	0.29								
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	17000	5500	4700	4310 J-	6440 J-	2060 J-									
Antimony	mg/kg	-	12	-	< 4.3 U	< 2.1 U	< 2 U	< 19 U	0.68 J	0.7 J									
Arsenic	mg/kg	16	13	16	5.2 J	1.6 J	1.1 J	0.81 J-	1.2 J-	1.8 J-									
Barium	mg/kg	820	410	410	22	10	8.8	9.7 J+	11.4 J+	98.6 J+									
Beryllium	mg/kg	47	4.4	8.8	< 0.43 U	< 0.21 U	< 0.2 U	< 0.26 U	0.063 J	< 0.28 U									
Cadmium	mg/kg	7.5	2.5	2.5	0.44 J	< 0.42 U	< 0.4 U	< 0.26 U	< 0.26 U	0.42									
Calcium	mg/kg	-	10000	-	280	210	190	991 B	1200 B	2100 B									
Chromium (total)	mg/kg	19	1	1	6.2	5.2	4.2	4.6	6.7	3.6									
Cobalt	mg/kg	-	20	30	0.78 J	2 J	1.9 J	0.67	1.3	0.72									
Copper	mg/kg	1720	50	280	5.6 B	2 B	2 B	1.5 J+	2.8 J+	10 J+									
Iron	mg/kg	-	2000	2000	6000	8100	5400	9000	13700	6410									
Lead	mg/kg	450	63	400	57	2.6 B	2 B	2.7	3.1	23.9									
Magnesium	mg/kg	-	-	-	230	1000	1000	606	847	408									
Manganese	mg/kg	2000	1600	2000	7.3	46	40	155	168	107									
Mercury	mg/kg	0.73	0.18	0.3	0.12	0.016 J	NA	0.06	0.06	0.096									
Nickel	mg/kg	130	30	87	2.6	4.5	4.4	1.2 J	2.4 J	33									
Potassium	mg/kg	-	-	-	270 J	280	290	398	499	308									
Selenium	mg/kg	4	3.9	22	< 8.5 U	< 4.2 U	< 4 U	< 5 U	0.67 J	< 6 U									
Silver	mg/kg	8.3	2	22	< 0.85 U	< 0.42 U	< 0.4 U	< 1 U	< 1 U	< 1 U									
Sodium	mg/kg	-	-	-	< 430 U	< 210 U	< 200 U	24.5 J	31.4 J	23.7 J									
Thallium	mg/kg	-	5	-	< 4.3 U	< 2.1 U	< 2 U	< 8 U	< 8 U	1.4 J									
Vanadium	mg/kg	-	39	100	12	11	8.5	12.7	16.8	9.4									
Zinc	mg/kg	2480	109	1300	11	9.8	9	9.6 J+	10.9 J+	278 J+									
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	< 1 U	< 1 U	< 1 U									
Total Organic Carbon (TOC)	mg/kg	-	-	-	190000	NA	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed, ND - Non Detect
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
J- - Reported concentration is an estimated value, and may be biased low.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.
D - Result reported from a secondary dilution analysis.
NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-02	SS-03	SS-03	SS-04	SS-04	SS-05
Sample Name					SS-02-0.5-01	SS-03-00-0.5	SS-03-0.5-01	SS-04-00-0.5	SS-04-0.5-01	SS-05-00-0.5
Sample Date					10/30/2019	10/30/2019	10/30/2019	10/30/2019	10/30/2019	10/30/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.031 U	< 0.034 U	< 0.032 U	< 0.029 U	< 0.032 U	< 0.031 U
Acetone	mg/kg	0.03	0.03	100	0.012 J	< 0.034 U	< 0.032 U	< 0.029 U	< 0.032 U	< 0.031 U
Chloroethane	mg/kg	1.9	1.9	-	< 0.0063 U	< 0.0067 U	< 0.0064 U	< 0.0057 U	< 0.0064 U	< 0.0062 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0063 U	< 0.0067 U	< 0.0064 U	< 0.0057 U	< 0.0064 U	< 0.0062 U
Methyl Acetate	mg/kg	-	-	-	< 0.031 U	< 0.034 U	< 0.032 U	< 0.029 U	< 0.032 U	< 0.031 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.031 U	< 0.034 U	< 0.032 U	< 0.029 U	< 0.032 U	< 0.031 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0063 U	< 0.0067 U	< 0.0064 U	< 0.0057 U	< 0.0064 U	< 0.0062 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0063 U	< 0.0067 U	< 0.0064 U	< 0.0057 U	< 0.0064 U	< 0.0062 U
Toluene	mg/kg	0.7	0.7	100	< 0.0063 U	< 0.0067 U	< 0.0064 U	< 0.0057 U	< 0.0064 U	< 0.0062 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.25 U	< 1 U	< 0.26 U	< 0.23 U	< 1 U	< 12 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.41 U	< 2 U	< 0.42 U	< 0.38 U	< 2 U	< 21 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.41 U	< 2 U	< 0.42 U	< 0.38 U	< 2 U	< 21 U
4-Nitroaniline	mg/kg	-	-	-	< 0.41 U	< 2 U	< 0.42 U	< 0.38 U	< 2 U	< 21 U
Acenaphthene	mg/kg	98	20	100	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Acenaphthylene	mg/kg	365	100	100	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Acetophenone	mg/kg	-	-	-	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Anthracene	mg/kg	1000	100	100	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.21 U	< 1 U	< 0.22 U	0.047 J	< 1 U	< 11 U
Benzaldehyde	mg/kg	-	-	-	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.21 U	< 1 U	< 0.22 U	0.032 J	< 1 U	< 11 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.21 U	< 1 U	< 0.22 U	0.057 J	< 1 U	< 11 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.21 U	< 1 U	< 0.22 U	0.032 J	< 1 U	< 11 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Benzyl butyl phthalate	mg/kg	122	100	100	0.2 J	0.77 J	0.055 J	0.034 J	0.21 J	8.1 J
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	0.093 J	1.8	< 0.22 U	5.9	< 1 U	14
Carpolactam	mg/kg	-	-	-	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Carbazole	mg/kg	-	-	-	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Chrysene	mg/kg	1	1	1.2	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.21 U	0.42 J	< 0.22 U	< 0.20 U	< 1 U	2 J
Fluoranthene	mg/kg	1000	85	100	< 0.21 U	< 1 U	< 0.22 U	0.098 J	< 1 U	< 11 U
Fluorene	mg/kg	386	30	100	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Naphthalene	mg/kg	12	12	84	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.21 U	< 1 U	< 0.22 U	0.055 J	< 1 U	< 11 U
Phenol	mg/kg	0.33	0.33	100	< 0.21 U	< 1 U	< 0.22 U	< 0.20 U	< 1 U	< 11 U
Pyrene	mg/kg	1000	64	100	< 0.21 U	< 1 U	< 0.22 U	0.083 J	< 1 U	< 11 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0042 U	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.042 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.019 J	0.016 J	< 0.0022 U	< 0.0019 U	0.0017 J	0.19 J
4,4'-DDT	mg/kg	135	0.0033	0.78	0.049 J	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.042 U
Aldrin	mg/kg	0.19	0.0048	0.0088	0.0079 J	0.014 NJ	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.042 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.0042 U	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.042 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	0.0046 J	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.042 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.0042 U	< 0.011 U	0.00059 J	< 0.0019 U	0.00077 J	< 0.042 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.0042 U	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.042 U
Dieldrin	mg/kg	0.1	0.005	0.017	0.014 NJ	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	0.12 NJ
Endosulfan I	mg/kg	65	4.3	8.4	0.0069 NJ	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.042 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0042 U	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.042 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0042 U	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.042 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-02		SS-03		SS-03		SS-04		SS-04		SS-05	
Sample Name		SS-02-0.5-01		SS-03-00-0.5		SS-03-0.5-01		SS-04-00-0.5		SS-04-0.5-01		SS-05-00-0.5	
Sample Date		10/30/2019		10/30/2019		10/30/2019		10/30/2019		10/30/2019		10/30/2019	
Sample Depth Interval (ft bgs)		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft		0.5 - 1 ft		0 - 0.5 ft	
Analyte	Unit	Criteria											
		(1)	(2)	(3)									
Endrin aldehyde	mg/kg	-	-	-	0.0076 J	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.0021 U	< 0.0021 U	< 0.042 U	< 0.042 U
Endrin ketone	mg/kg	-	-	-	< 0.0042 U	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.0021 U	< 0.0021 U	< 0.042 U	< 0.042 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0042 U	0.0025 J	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.0021 U	< 0.0021 U	< 0.042 U	< 0.042 U
Gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.0042 U	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.0021 U	< 0.0021 U	< 0.042 U	< 0.042 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.0042 U	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.0021 U	< 0.0021 U	0.014 J	< 0.042 U
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.0042 U	< 0.011 U	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.0021 U	< 0.0021 U	< 0.042 U	< 0.042 U
Methoxychlor	mg/kg	900	1.2	100	< 0.0042 U	0.0067 J	< 0.0022 U	< 0.0019 U	< 0.0021 U	< 0.0021 U	< 0.0021 U	0.11 NJ	< 0.042 U
Polychlorinated Biphenyls (PCBs)													
Aroclor 1242	mg/kg	-	-	-	< 0.28 U	< 0.30 U	< 0.24 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.22 U	< 0.22 U
Aroclor 1248	mg/kg	-	-	-	< 0.28 U	< 0.30 U	< 0.24 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.22 U	< 0.22 U
Aroclor 1254	mg/kg	-	-	-	0.68	0.42	< 0.24 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	4	< 0.22 U
Aroclor 1260	mg/kg	-	-	-	< 0.28 U	< 0.30 U	< 0.24 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.22 U	< 0.22 U
Aroclor 1268	mg/kg	-	-	-	< 0.28 U	< 0.30 U	< 0.24 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.23 U	< 0.22 U	< 0.22 U
PCB (total)	mg/kg	3.2	0.1	1	0.68	0.42	ND	ND	ND	ND	ND	4	< 0.22 U
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	1620 J-	7800	6240	2910	2070	2070	2070	6470	6470
Antimony	mg/kg	-	12	-	0.51 J	13.2 J	< 20 U	0.66 J	< 19 U	< 19 U	< 19 U	19.4	19.4
Arsenic	mg/kg	16	13	16	1.4 J-	7.1 J-	1.1 J-	1.5 J-	1.5 J-	1.5 J-	1.5 J-	7.2 J-	7.2 J-
Barium	mg/kg	820	410	410	77.3 J+	47.7 J+	12.5 J+	14.1 J+	15.3 J+	15.3 J+	15.3 J+	482 J+	482 J+
Beryllium	mg/kg	47	4.4	8.8	0.065 J	0.088 J	0.06 J	< 0.24 U	< 0.26 U	< 0.26 U	< 0.26 U	0.11 J	0.11 J
Cadmium	mg/kg	7.5	2.5	2.5	0.29	0.48	0.11 J	0.11 J	0.23 J	0.23 J	0.23 J	15.2	15.2
Calcium	mg/kg	-	10000	-	1920 B	1200 B	449 B	124 B	159 B	159 B	159 B	5310 B	5310 B
Chromium (total)	mg/kg	19	1	1	4.6	14.5 J+	6.4 J+	8.5 J+	31.3 J+	31.3 J+	31.3 J+	56.5 J+	56.5 J+
Cobalt	mg/kg	-	20	30	0.51 J	1.8	1.2	0.6	0.66	0.66	0.66	18	18
Copper	mg/kg	1720	50	280	11.3 J+	87.7 J+	6.7 J+	4.9 J+	6.2 J+	6.2 J+	6.2 J+	643 J+	643 J+
Iron	mg/kg	-	2000	2000	3860	18900	5200	7890	6220	6220	6220	63800	63800
Lead	mg/kg	450	63	400	18.3	178	8.3	16.2	23.5	23.5	23.5	778	778
Magnesium	mg/kg	-	-	-	312	751	1000	290	259	259	259	1910	1910
Manganese	mg/kg	2000	1600	2000	56.8 J	92.2	41.1	59.1	49.5	49.5	49.5	398	398
Mercury	mg/kg	0.73	0.18	0.3	0.05	0.27	0.09	0.064	0.069	0.069	0.069	0.99	0.99
Nickel	mg/kg	130	30	87	24.1	11.6	3.6 J	2.3 J	3.4 J	3.4 J	3.4 J	273	273
Potassium	mg/kg	-	-	-	252	405	450	197	176	176	176	374	374
Selenium	mg/kg	4	3.9	22	0.6 J	0.9 J	< 5 U	0.6 J	< 5 U	< 5 U	< 5 U	0.86 J	0.86 J
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.63 J	0.63 J
Sodium	mg/kg	-	-	-	132 J	34.1 J	19.4 J	< 168 U	< 179 U	< 179 U	< 179 U	157 J	157 J
Thallium	mg/kg	-	5	-	0.96 J	0.51 J	< 8 U	< 7 U	< 8 U	< 8 U	< 8 U	< 37 U	< 37 U
Vanadium	mg/kg	-	39	100	7.4	18	9.7	11.7	11.4	11.4	11.4	19.6	19.6
Zinc	mg/kg	2480	109	1300	182 J+	169 J+	19.9 J+	8.5 J+	8.9 J+	8.9 J+	8.9 J+	2790 J-	2790 J-
Miscellaneous													
Cyanide	mg/kg	40	2.3	2.6	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-05	SS-05R	SS-06	SS-06	SS-07	SS-07
Sample Name					SS-05-0.5-01	SS-05R-12-24	SS-06-00-0.5	SS-06-0.5-01	SS-07-00-0.5	SS-07-0.5-01
Sample Date					10/30/2019	12/5/2022	10/30/2019	10/30/2019	10/30/2019	10/30/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.031 U	< 0.023 U	< 0.031 U	< 0.030 U	< 0.029 U	< 0.028 U
Acetone	mg/kg	0.03	0.03	100	< 0.031 U	0.06 J	< 0.031 U	< 0.030 U	< 0.029 U	< 0.028 U
Chloroethane	mg/kg	1.9	1.9	-	< 0.0062 U	< 0.023 U	< 0.0063 U	< 0.0060 U	< 0.0057 U	< 0.0057 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0062 U	< 0.0023 U	< 0.0063 U	< 0.0060 U	< 0.0057 U	< 0.0057 U
Methyl Acetate	mg/kg	-	-	-	< 0.031 U	< 0.0023 U	< 0.031 U	< 0.030 U	< 0.029 U	< 0.028 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.031 U	< 0.047 U	< 0.031 U	< 0.030 U	< 0.029 U	< 0.028 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0062 U	< 0.023 U	< 0.0063 U	< 0.0060 U	< 0.0057 UJ	< 0.0057 UJ
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0062 U	< 0.0023 U	< 0.0063 U	< 0.0060 U	< 0.0057 U	< 0.0057 U
Toluene	mg/kg	0.7	0.7	100	< 0.0062 U	< 0.0023 U	< 0.0063 U	< 0.0060 U	< 0.0057 U	< 0.0057 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 1 U	< 1 U	< 1 U	< 1 U	0.71 J	0.32 J
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 1 U	< 0.05 U	< 1 U	< 1 U	< 2 U	< 2 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 1 U	< 0.44 U	< 1 U	< 1 U	< 2 U	< 2 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 1 U	< 0.22 U	< 1 U	0.25 J	2.4	1 J
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	< 0.44 U	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	< 0.44 U	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	< 2 U	< 0.44 U	< 2 U	< 2 U	< 4 U	< 4 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 2 U	NA	< 2 U	< 2 U	0.23 J	< 4 U
4-Nitroaniline	mg/kg	-	-	-	< 2 U	< 0.44 U	< 2 U	< 2 U	< 4 U	< 4 U
Acenaphthene	mg/kg	98	20	100	< 1 U	< 0.22 U	0.68 J	1.2	6.2	4.6
Acenaphthylene	mg/kg	365	100	100	< 1 U	< 0.22 U	0.26 J	0.38 J	1.9	1.3 J
Acetophenone	mg/kg	-	-	-	< 1 U	< 0.44 U	< 1 U	< 1 U	< 2 U	< 2 U
Anthracene	mg/kg	1000	100	100	< 1 U	< 0.22 U	1.4	2.2	12	9.9
Benz(a)anthracene	mg/kg	1	1	1	< 1 U	< 0.22 U	3.8	5.5	27	24
Benzaldehyde	mg/kg	-	-	-	< 1 U	< 0.44 U	< 1 U	< 1 U	< 2 U	< 2 U
Benzo(a)pyrene	mg/kg	22	1	1	< 1 U	< 0.22 U	3.4	4.8	21	20
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 1 U	< 0.22 U	3.9	5.3	24	22
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 1 U	< 0.22 U	2.1	2.8	12	11
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 1 U	< 0.22 U	1.9	2.8	11	11
Benzyl butyl phthalate	mg/kg	122	100	100	1.6	< 0.44 U	1.8	1.5	1.5 J	1.3 J
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	3.4	< 0.44 U	6.6	7.6	2.8	5.3
Carpolactam	mg/kg	-	-	-	< 1 U	< 0.44 U	< 1 U	< 1 U	< 2 U	< 2 U
Carbazole	mg/kg	-	-	-	< 1 U	< 0.22 U	0.68 J	0.99 J	6.3	4.5
Chrysene	mg/kg	1	1	1.2	< 1 U	< 0.22 U	3.7	5.3	24	22
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 1 U	< 0.22 U	< 1 U	0.93 J	4.1	3.7
Dibenzofuran	mg/kg	110	2.1	4.2	< 1 U	< 0.44 U	0.36 J	0.63 J	4.8	2.7
Diethyl phthalate	mg/kg	7.1	7.1	100	< 1 U	< 0.44 U	< 1 U	< 1 U	< 2 U	< 2 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	0.58 J	< 0.44 U	0.25 J	0.57 J	< 2 U	< 2 U
Di-n-octyl phthalate	mg/kg	120	100	100	0.48 J	< 0.44 U	1.3	0.82 J	0.46 J	0.51 J
Fluoranthene	mg/kg	1000	85	100	0.11 J	< 0.22 U	8.1	11	49	44
Fluorene	mg/kg	386	30	100	< 1 U	< 0.22 U	0.77 J	1.2	8	5.2
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 1 U	< 0.0077 U	< 1 U	< 1 U	< 2 U	< 2 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 1 U	< 0.22 U	2	2.8	12	11
Naphthalene	mg/kg	12	12	84	< 1 U	< 0.22 U	0.18 J	0.36 J	4	1.6 J
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 1 U	< 0.44 U	< 1 U	< 1 U	< 2 U	< 2 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 1 U	< 0.44 U	< 1 U	< 1 U	< 2 U	< 2 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 1 U	< 0.22 U	5.6	8.1	42	34
Phenol	mg/kg	0.33	0.33	100	< 1 U	< 0.44 U	< 1 U	< 1 U	< 2 U	< 2 U
Pyrene	mg/kg	1000	64	100	0.14 J	< 0.22 U	6.6	9	41	35
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.021 U	< 0.0052 UJ	< 0.041 U	< 0.041 U	< 0.038 U	0.088 NJ
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.028 J	< 0.0052 U	0.062 J	< 0.041 U	0.038 J	< 0.038 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.021 U	< 0.0052 U	< 0.041 U	0.26 J	< 0.038 U	0.12 J
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.021 U	< 0.0064 U	< 0.041 U	0.074 NJ	< 0.038 U	< 0.038 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.021 U	< 0.0064 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	< 0.021 U	NA	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.021 U	< 0.0064 U	< 0.041 U	< 0.041 U	< 0.038 U	0.069 NJ
delta-BHC	mg/kg	0.1	0.04	100	< 0.021 U	< 0.0064 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.021 U	< 0.0052 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.021 U	< 0.0064 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.021 U	< 0.01 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U
Endrin	mg/kq	0.06	0.014	1.2	< 0.021 U	< 0.01 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-05			SS-05R			SS-06			SS-06			SS-07			SS-07		
Sample Name		SS-05-0.5-01			SS-05R-12-24			SS-06-00-0.5			SS-06-0.5-01			SS-07-00-0.5			SS-07-0.5-01		
Sample Date		10/30/2019			12/5/2022			10/30/2019			10/30/2019			10/30/2019			10/30/2019		
Sample Depth Interval (ft bgs)		0.5 - 1 ft			1 - 2 ft			0 - 0.5 ft			0.5 - 1 ft			0 - 0.5 ft			0.5 - 1 ft		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	< 0.021 U	< 0.01 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U
Endrin ketone	mg/kg	-	-	-	< 0.021 U	< 0.01 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.021 U	< 0.0026 U	0.014 J	0.0093 J	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U
Gamma-Chlordane	mg/kg	14	0.54	0.54	< 0.021 U	NA	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.021 U	< 0.0064 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.021 U	< 0.0064 U	< 0.041 U	< 0.041 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U
Methoxychlor	mg/kg	900	1.2	100	0.022 J	< 0.064 U	0.036 J	0.058 J	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U	< 0.038 U
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.21 U	< 0.1 U	< 0.30 U	< 0.25 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Aroclor 1248	mg/kg	-	-	-	< 0.21 U	< 0.1 U	< 0.30 U	< 0.25 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Aroclor 1254	mg/kg	-	-	-	1.3	< 0.1 U	2.5	1.4	2.7	1.6	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Aroclor 1260	mg/kg	-	-	-	< 0.21 U	< 0.1 U	< 0.30 U	< 0.25 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Aroclor 1268	mg/kg	-	-	-	< 0.21 U	< 0.1 U	< 0.30 U	< 0.25 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
PCB (total)	mg/kg	3.2	0.1	1	1.3	ND	2.5	1.4	2.7	1.6	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	4580	3700	5320	4070	4450	4630 J-	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Antimony	mg/kg	-	12	-	4.3 J	< 2 U	10.5 J	4.6 J	4.9 J	2.7 J	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Arsenic	mg/kg	16	13	16	2.2 J-	1.1 J	3.7 J-	2.4 J-	2.4 J-	2 J-	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Barium	mg/kg	820	410	410	87 J+	18	337 J+	161 J+	154 J+	80.3 J+	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Beryllium	mg/kg	47	4.4	8.8	0.037 J	0.12 J	0.081 J	0.067 J	0.14 J	0.11 J	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Cadmium	mg/kg	7.5	2.5	2.5	2.8	0.32 J	9.3	4.3	5	2	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Calcium	mg/kg	-	10000	-	2210 B	1400	3620 B	3000 B	2600 B	2380 B	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Chromium (total)	mg/kg	19	1	1	13.5 J+	4.1	28.9 J+	14.4 J+	18.3 J+	13.2 J+	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Cobalt	mg/kg	-	20	30	2.6	1.3 J	8.5	4.6	5	2.9	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Copper	mg/kg	1720	50	280	121 J+	9.1	330 J+	184 J+	189 J+	80.5 J+	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Iron	mg/kg	-	2000	2000	21600	9100	33700	20200	22900	14800	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Lead	mg/kg	450	63	400	158	15	445	214	257	114	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Magnesium	mg/kg	-	-	-	730	470	2380	1020	1350	1200	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Manganese	mg/kg	2000	1600	2000	103	150	376	193	242	171	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Mercury	mg/kg	0.73	0.18	0.3	0.27	0.055	0.56	0.38	0.61	0.65	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Nickel	mg/kg	130	30	87	22	2.8	57.3	35.3	33.4	17.8	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Potassium	mg/kg	-	-	-	351	140 J	384	328	555	619	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Selenium	mg/kg	4	3.9	22	0.61 J	< 4 U	0.68 J	< 5 U	< 5 U	< 5 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Silver	mg/kg	8.3	2	22	< 1 U	< 0.41 U	< 1 U	< 1 U	0.34 J	< 1 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Sodium	mg/kg	-	-	-	56.6 J	< 200 U	42.9 J	28.7 J	37.1 J	26.2 J	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Thallium	mg/kg	-	5	-	2.2 J	< 2 U	7.8	3.7 J	3.9 J	1.5 J	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Vanadium	mg/kg	-	39	100	16.3	13	12.5	10.5	9.5	13.7	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Zinc	mg/kg	2480	109	1300	473 J+	46	1410 J+	702 J+	741 J+	341 J+	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	< 1 U	0.26	< 1 U	< 1 U	< 1 U	< 1 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U	< 0.28 U

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed, ND - Non Detect
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
J- - Reported concentration is an estimated value, and may be biased low.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.
D - Result reported from a secondary dilution analysis.
NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-07R	SS-08	SS-08	SS-09	SS-09	SS-10
Sample Name					SS-07R-12-24	SS-08-00-0.5	SS-08-0.5-01	SS-09-00-0.5	SS-09-0.5-01	SS-10-00-0.5
Sample Date					12/5/2022	10/30/2019	10/30/2019	10/31/2019	10/31/2019	10/31/2019
Sample Depth Interval (ft bgs)					1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.025 UJ	< 0.029 U	< 0.031 U	< 0.030 U	< 0.028 U	< 0.029 U
Acetone	mg/kg	0.03	0.03	100	0.052 J	< 0.029 U	< 0.031 U	< 0.030 U	< 0.028 U	< 0.029 U
Chloroethane	mg/kg	1.9	1.9	-	< 0.025 UJ	< 0.0057 U	< 0.0061 U	< 0.0060 U	< 0.0057 U	< 0.0058 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0025 U	< 0.0057 U	< 0.0061 U	< 0.0060 U	< 0.0057 U	< 0.0058 U
Methyl Acetate	mg/kg	-	-	-	0.018	< 0.029 U	< 0.031 U	< 0.030 U	< 0.028 U	< 0.029 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.05 U	< 0.029 U	< 0.031 U	< 0.030 U	< 0.028 U	< 0.029 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.025 U	< 0.0057 UJ	< 0.0061 UJ	< 0.0060 U	< 0.0057 UJ	< 0.0058 UJ
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0025 U	< 0.0057 U	< 0.0061 U	< 0.0060 U	< 0.0057 U	< 0.0058 U
Toluene	mg/kg	0.7	0.7	100	< 0.0025 U	< 0.0057 U	< 0.0061 U	< 0.0060 U	< 0.0057 U	< 0.0058 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	3.4 J	0.26 J	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.064 U	< 1 U	< 1 U	< 0.24 U	< 0.23 U	< 0.24 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 4 U	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	11	0.8 J	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 4 U	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	1.5 J	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	< 4 U	< 2 U	< 2 U	< 0.39 U	< 0.38 U	< 0.40 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 8 U	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	< 2 U	< 2 U	< 0.39 U	< 0.38 U	< 0.40 U
4-Nitroaniline	mg/kg	-	-	-	< 4 U	< 2 U	< 2 U	< 0.39 U	< 0.38 U	< 0.40 U
Acenaphthene	mg/kg	98	20	100	25	2.8	0.41 J	0.03 J	< 0.20 U	< 0.20 U
Acenaphthylene	mg/kg	365	100	100	3.3	0.31 J	0.16 J	0.03 J	< 0.20 U	0.029 J
Acetophenone	mg/kg	-	-	-	< 4 U	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
Anthracene	mg/kg	1000	100	100	48	6	0.96 J	0.14 J	< 0.20 U	0.075 J
Benz(a)anthracene	mg/kg	1	1	1	63	9.7	2.4	0.66	0.074 J	0.33 J
Benzaldehyde	mg/kg	-	-	-	< 4 U	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
Benzo(a)pyrene	mg/kg	22	1	1	52	7.3	2	0.64	0.056 J	0.3
Benzo(b)fluoranthene	mg/kg	2.1	1	1	62	8.5	2.3	0.75	0.081 J	0.41 J
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	29	3.7	1.1	0.37	0.043 J	0.28
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	32	3.6	1.1	0.42	0.042 J	0.17 J
Benzyl butyl phthalate	mg/kg	122	100	100	< 4 U	0.43 J	0.58 J	0.16 J	0.057 J	0.77
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	3.9 J	1.1	0.97 J	0.36	0.14 J	4
Carpolactam	mg/kg	-	-	-	< 4 UJ	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
Carbazole	mg/kg	-	-	-	20	2	0.49 J	0.032 J	< 0.20 U	0.039 J
Chrysene	mg/kg	1	1	1.2	57	9.5	2.2	0.7	0.074 J	< 0.20 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	7.3	< 1 U	0.37 J	0.11 J	< 0.20 U	< 0.20 U
Dibenzofuran	mg/kg	110	2.1	4.2	21	2.3	0.28 J	< 0.20 U	< 0.20 U	< 0.20 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 4 U	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 4 U	< 1 U	0.24 J	< 0.20 U	< 0.20 U	0.069 J
Di-n-octyl phthalate	mg/kg	120	100	100	< 4 U	0.14 J	0.12 J	0.037 J	< 0.20 U	0.29 J
Fluoranthene	mg/kg	1000	85	100	160	22	5.1	1.1	0.13 J	0.55
Fluorene	mg/kg	386	30	100	34	4.1	0.51 J	0.03 J	< 0.20 U	0.026 J
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.15 U	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	33	3.8	1.1	0.35	0.035 J	0.22
Naphthalene	mg/kg	12	12	84	22	1.9	0.35 J	< 0.20 U	< 0.20 U	< 0.20 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 4 UJ	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 4 U	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
Phenanthrene	mg/kg	1000	1.1	1.2	160	22	3.6	0.38	0.066 J	0.29
Phenol	mg/kg	0.33	0.33	100	1.2 J	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.20 U
Pyrene	mg/kg	1000	64	100	130	18	3.9	0.97	0.12 J	0.55
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.1 U	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.1 U	0.0097 J	< 0.010 U	< 0.0040 U	< 0.0019 U	0.02 J
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.1 U	0.037 J	0.037 J	0.013 J	< 0.0019 U	0.072 J
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.13 U	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.13 U	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.13 U	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.13 U	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.1 U	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.13 U	< 0.019 U	< 0.010 U	0.0013 J	< 0.0019 U	< 0.010 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.21 U	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	0.045 NJ
Endrin	mg/kg	0.06	0.014	1.2	< 0.21 U	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-07R			SS-08			SS-08			SS-09			SS-09			SS-10		
Sample Name		SS-07R-12-24			SS-08-00-0.5			SS-08-0.5-01			SS-09-00-0.5			SS-09-0.5-01			SS-10-00-0.5		
Sample Date		12/5/2022			10/30/2019			10/30/2019			10/31/2019			10/31/2019			10/31/2019		
Sample Depth Interval (ft bgs)		1 - 2 ft			0 - 0.5 ft			0.5 - 1 ft			0 - 0.5 ft			0.5 - 1 ft			0 - 0.5 ft		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	< 0.21 U	< 0.019 U		0.035 J	0.012 J	0.0042 J	0.064 J								
Endrin ketone	mg/kg	-	-	-	< 0.21 U	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U									
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.051 UJ	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U									
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	< 0.019 U	0.012 J	< 0.0040 U	< 0.0019 U	0.022 J									
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.13 U	< 0.019 U	0.0024 J	< 0.0040 U	< 0.0019 U	< 0.010 U									
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.13 U	< 0.019 U	< 0.010 U	< 0.0040 U	< 0.0019 U	< 0.010 U									
Methoxychlor	mg/kg	900	1.2	100	< 1 U	< 0.019 U	0.009 J	< 0.0040 U	< 0.0019 U	< 0.010 U									
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.1 U	< 0.24 U	< 0.26 U	< 0.28 U	< 0.22 U	< 0.29 U									
Aroclor 1248	mg/kg	-	-	-	0.86 J	< 0.24 U	< 0.26 U	< 0.28 U	< 0.22 U	< 0.29 U									
Aroclor 1254	mg/kg	-	-	-	0.91 J	0.6	0.76	0.13 J	< 0.22 U	0.9 J									
Aroclor 1260	mg/kg	-	-	-	0.32 J	< 0.24 U	< 0.26 U	< 0.28 U	< 0.22 U	< 0.29 U									
Aroclor 1268	mg/kg	-	-	-	< 0.1 U	< 0.24 U	< 0.26 U	< 0.28 U	< 0.22 U	< 0.29 U									
PCB (total)	mg/kg	3.2	0.1	1	2.09	0.6	0.76	0.13	ND	0.9									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	3500	4190 J-	4650 J-	4690	4140	4870									
Antimony	mg/kg	-	12	-	1.5 J	1.2 J	1.2 J	1.1 J+	0.69 J+	1.6 J+									
Arsenic	mg/kg	16	13	16	2.4 J	1.3 J-	1.3 J-	1.6 J	1.4 J	1.7 J									
Barium	mg/kg	820	410	410	44	55.3 J+	56.4 J+	42.8	26.5	80.8									
Beryllium	mg/kg	47	4.4	8.8	< 0.2 U	0.13 J	0.14 J	0.14 J	0.12 J	0.17 J									
Cadmium	mg/kg	7.5	2.5	2.5	1	0.98	1.1	0.55	0.21 J	1.6									
Calcium	mg/kg	-	10000	-	2100	750 B	1040 B	440 B	325 B	1000 B									
Chromium (total)	mg/kg	19	1	1	8.7	9.1 J+	8.7 J+	6.6	5.1	16									
Cobalt	mg/kg	-	20	30	2.3	2.6	3	2.9	2.2	4.2									
Copper	mg/kg	1720	50	280	70	54.2 J+	103 J+	39	14.4	78.6									
Iron	mg/kg	-	2000	2000	12000	10200	10600	9870	6420 B	12800 B									
Lead	mg/kg	450	63	400	67	65	56.6	33.9 J	7.3	113									
Magnesium	mg/kg	-	-	-	620	978	1270	1040	990	1180									
Manganese	mg/kg	2000	1600	2000	140	147	196	195 B	158 B	185 B									
Mercury	mg/kg	0.73	0.18	0.3	0.41	0.16	0.19	0.061	0.051	0.2									
Nickel	mg/kg	130	30	87	12	11.9	13.9	9.5	5.9 J	17									
Potassium	mg/kg	-	-	-	230	738	846	748 J+	684 J+	815 J+									
Selenium	mg/kg	4	3.9	22	< 4 U	< 4 U	< 5 U	0.88 J	0.58 J	< 5 U									
Silver	mg/kg	8.3	2	22	< 0.41 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U									
Sodium	mg/kg	-	-	-	< 200 U	20.9 J	21.6 J	23.2 J	21.8 J	100 J									
Thallium	mg/kg	-	5	-	< 2 U	0.67 J	0.98 J	< 7 U	< 7 U	1.8 J									
Vanadium	mg/kg	-	39	100	8.6	7.9	8.7	7.1	6.3	9.5									
Zinc	mg/kg	2480	109	1300	210	194 J+	211 J+	112 J	35.2	402									
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	0.3	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 U									
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-10	SS-10	SS-11	SS-11	SS-12	SS-12
Sample Name					SS-60-00-0.5	SS-10-0.5-01	SS-11-00-0.5	SS-11-0.5-01	SS-12-00-0.5	SS-12-0.5-01
Sample Date					10/31/2019	10/31/2019	10/31/2019	10/31/2019	10/31/2019	10/31/2019
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.029 U	< 0.028 U	< 0.029 U	< 0.028 U	< 0.030 U	< 0.029 U
Acetone	mg/kg	0.03	0.03	100	< 0.029 U	< 0.028 U	< 0.029 U	< 0.028 U	< 0.030 U	< 0.029 U
Chloroethane	mg/kg	1.9	1.9	-	< 0.0057 U	< 0.0056 U	< 0.0057 U	< 0.0056 U	< 0.0060 U	< 0.0059 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0057 U	< 0.0056 U	< 0.0057 U	< 0.0056 U	< 0.0060 U	< 0.0059 U
Methyl Acetate	mg/kg	-	-	-	< 0.029 U	< 0.028 U	< 0.029 U	< 0.028 U	< 0.030 U	< 0.029 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.029 U	< 0.028 U	< 0.029 U	< 0.028 U	< 0.030 U	< 0.029 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0057 U	< 0.0056 UJ	< 0.0057 UJ	< 0.0056 UJ	< 0.0060 UJ	< 0.0059 UJ
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0057 U	< 0.0056 U	< 0.0057 U	< 0.0056 U	< 0.0060 U	< 0.0059 U
Toluene	mg/kg	0.7	0.7	100	< 0.0057 U	< 0.0056 U	< 0.0057 U	< 0.0056 U	< 0.0060 U	< 0.0059 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.23 U	< 1 U	< 0.23 U	< 0.23 U	< 0.24 U	< 0.23 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.38 U	< 2 U	< 0.39 U	< 0.38 U	< 0.40 U	< 0.38 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 0.38 U	< 2 U	< 0.39 U	< 0.38 U	< 0.40 U	< 0.38 U
4-Nitroaniline	mg/kg	-	-	-	< 0.38 U	< 2 U	< 0.39 U	< 0.38 U	< 0.40 U	< 0.38 U
Acenaphthene	mg/kg	98	20	100	0.03 J	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Acenaphthylene	mg/kg	365	100	100	0.091 J	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Acetophenone	mg/kg	-	-	-	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Anthracene	mg/kg	1000	100	100	0.1 J	< 1 U	0.11 J	0.064 J	< 0.21 U	< 0.20 U
Benz(a)anthracene	mg/kg	1	1	1	0.61 J	0.34 J	0.31	0.27	0.025 J	0.021 J
Benzaldehyde	mg/kg	-	-	-	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Benzo(a)pyrene	mg/kg	22	1	1	0.47	0.32 J	0.26	0.23	< 0.21 U	< 0.20 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	0.67 J	0.5 J	0.34	0.3	< 0.21 U	< 0.20 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	0.27	0.3 J	0.2	0.19	< 0.21 U	< 0.20 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	0.34	0.18 J	0.13 J	0.13 J	< 0.21 U	< 0.20 U
Benzyl butyl phthalate	mg/kg	122	100	100	0.5	0.89	0.16 J	0.4	< 0.21 U	0.041 J
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	4	2.5	0.85	0.57	0.077 J	0.068 J
Carpolactam	mg/kg	-	-	-	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Carbazole	mg/kg	-	-	-	0.033 J	< 1 U	0.028 J	0.03 J	< 0.21 U	< 0.20 U
Chrysene	mg/kg	1	1	1.2	< 0.20 U	< 1 U	0.31	0.24	< 0.21 U	< 0.20 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.20 U	< 1 U	< 0.20 U	0.049 J	< 0.21 U	< 0.20 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	0.066 J	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Di-n-octyl phthalate	mg/kg	120	100	100	0.98 J	0.57 J	0.11 J	0.071 J	< 0.21 U	< 0.20 U
Fluoranthene	mg/kg	1000	85	100	0.82	0.49 J	0.65	0.48	0.039 J	0.034 J
Fluorene	mg/kg	386	30	100	0.031 J	< 1 U	0.025 J	0.025 J	< 0.21 U	< 0.20 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	0.27	0.24 J	0.16 J	0.16 J	< 0.21 U	< 0.20 U
Naphthalene	mg/kg	12	12	84	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Phenanthrene	mg/kg	1000	1.1	1.2	0.28	0.19 J	0.38	0.24	< 0.21 U	< 0.20 U
Phenol	mg/kg	0.33	0.33	100	< 0.20 U	< 1 U	< 0.20 U	< 0.19 U	< 0.21 U	< 0.20 U
Pyrene	mg/kg	1000	64	100	0.73	0.47 J	0.57	0.42	0.034 J	0.029 J
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	0.00061 J	< 0.0019 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.034 J	0.034 J	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U
4,4'-DDT	mg/kg	135	0.0033	0.78	0.083 J	0.098 J	0.0096 J	0.016 J	0.003 J	0.0027 J
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.019 U	< 0.019 U	< 0.0019 U	0.0013 J	< 0.0020 U	< 0.0019 U
Endosulfan II	mg/kg	44	4.3	8.4	0.055 NJ	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-10			SS-10			SS-11			SS-11			SS-12			SS-12		
Sample Name		SS-60-00-0.5			SS-10-0.5-01			SS-11-00-0.5			SS-11-0.5-01			SS-12-00-0.5			SS-12-0.5-01		
Sample Date		10/31/2019			10/31/2019			10/31/2019			10/31/2019			10/31/2019			10/31/2019		
Sample Depth Interval (ft bgs)		0 - 0.5 ft			0.5 - 1 ft			0 - 0.5 ft			0.5 - 1 ft			0 - 0.5 ft			0.5 - 1 ft		
Analyte	Unit	Criteria			Field Duplicate														
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	0.086 J	0.074 J	< 0.0019 U	0.014 J	0.0027 J	0.0023 J									
Endrin ketone	mg/kg	-	-	-	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U									
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U									
Gamma-Chlordane	mg/kg	14	0.54	0.54	0.032 J	0.041 J	< 0.0019 U	0.0046 J	< 0.0020 U	< 0.0019 U									
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.019 U	< 0.019 U	0.00067 J	0.0012 J	< 0.0020 U	< 0.0019 U									
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.019 U	< 0.019 U	< 0.0019 U	< 0.0038 U	< 0.0020 U	< 0.0019 U									
Methoxychlor	mg/kg	900	1.2	100	< 0.019 U	0.017 J	< 0.0019 U	< 0.0038 U	0.0008 J	0.00081 J									
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.27 U	< 0.24 U	< 0.20 U	< 0.21 U	< 0.28 U	< 0.23 U									
Aroclor 1248	mg/kg	-	-	-	< 0.27 U	< 0.24 U	< 0.20 U	< 0.21 U	< 0.28 U	< 0.23 U									
Aroclor 1254	mg/kg	-	-	-	1	0.92	< 0.20 U	0.28	< 0.28 U	< 0.23 U									
Aroclor 1260	mg/kg	-	-	-	< 0.27 U	< 0.24 U	< 0.20 U	< 0.21 U	< 0.28 U	< 0.23 U									
Aroclor 1268	mg/kg	-	-	-	< 0.27 U	< 0.24 U	< 0.20 U	< 0.21 U	< 0.28 U	< 0.23 U									
PCB (total)	mg/kg	3.2	0.1	1	1	0.92	ND	0.28	ND	ND									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	4300 J-	4380 J-	4450 J-	3930 J-	3870 J-	4030 J-									
Antimony	mg/kg	-	12	-	1.8 J+	3.2 J+	0.8 J+	0.64 J+	< 18 U	< 18 U									
Arsenic	mg/kg	16	13	16	1.8 J	2.2	1.2 J	1.1 J	1 J	0.91 J									
Barium	mg/kg	820	410	410	80.3	90.3	46.6	41.2	24.3	25.5									
Beryllium	mg/kg	47	4.4	8.8	0.17 J	0.19 J	0.15 J	0.13 J	0.11 J	0.12 J									
Cadmium	mg/kg	7.5	2.5	2.5	1.6	2	0.38	0.43	0.071 J	0.08 J									
Calcium	mg/kg	-	10000	-	737 B	910 B	579 B	752 B	414 B	392 B									
Chromium (total)	mg/kg	19	1	1	10.2	15.5	7.2	6.1	5.3	4.7									
Cobalt	mg/kg	-	20	30	3.7	4.4	2.6	3	1.8	1.9									
Copper	mg/kg	1720	50	280	79.7	107 J-	51.6 J-	21.7 J-	45 J-	7.8 J-									
Iron	mg/kg	-	2000	2000	10900 B	14000 B	8220 B	8230 B	5810 B	5900 B									
Lead	mg/kg	450	63	400	102	148	35	26.4	7.4	21.4									
Magnesium	mg/kg	-	-	-	1170	1250	1130	1060	858	912									
Manganese	mg/kg	2000	1600	2000	235 B	180 B	148 B	209 B	155 B	164 B									
Mercury	mg/kg	0.73	0.18	0.3	0.17	0.22	0.044	0.07	0.023	0.028									
Nickel	mg/kg	130	30	87	17.5	20.8	8.9	8.2	4.7 J	6.1									
Potassium	mg/kg	-	-	-	796 J+	800 J+	793 J+	724 J+	654 J+	695 J+									
Selenium	mg/kg	4	3.9	22	0.45 J	< 4 U	0.48 J	< 4 U	< 5 U	< 5 U									
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U									
Sodium	mg/kg	-	-	-	31.6 J	75.8 J	23.7 J	23.6 J	19.3 J	19.2 J									
Thallium	mg/kg	-	5	-	2.1 J	2.2 J	< 7 U	0.45 J	< 7 U	< 7 U									
Vanadium	mg/kg	-	39	100	8.2 J-	12 J-	7.9 J-	7.1 J-	6.6 J-	6.8 J-									
Zinc	mg/kg	2480	109	1300	409	472	133	129	26.1	28.8									
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U									
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed, ND - Non Detect
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
J- - Reported concentration is an estimated value, and may be biased low.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.
D - Result reported from a secondary dilution analysis.
NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-13	SS-13	SS-14	SS-14	SS-15	SS-15
Sample Name					SS-13-00-0.5	SS-13-0.5-01	SS-14-00-0.5	SS-14-0.5-01	SS-15-00-0.5	SS-15-0.5-01
Sample Date					10/31/2019	10/31/2019	10/31/2019	10/31/2019	10/31/2019	10/31/2019
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.031 U	< 0.031 U	< 0.030 U	< 0.029 U	< 0.028 U	< 0.028 U
Acetone	mg/kg	0.03	0.03	100	< 0.031 U	< 0.031 U	< 0.030 U	< 0.029 U	< 0.028 U	< 0.028 U
Chloroethane	mg/kg	1.9	1.9	-	< 0.0063 U	< 0.0062 U	< 0.0061 U	< 0.0058 U	< 0.0057 U	< 0.0056 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0063 U	< 0.0062 U	< 0.0061 U	< 0.0058 U	< 0.0057 U	< 0.0056 U
Methyl Acetate	mg/kg	-	-	-	< 0.031 U	< 0.031 U	< 0.030 U	< 0.029 U	< 0.028 U	< 0.028 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.031 U	< 0.031 U	< 0.030 U	< 0.029 U	< 0.028 U	< 0.028 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.0063 U	< 0.0062 U	< 0.0061 U	< 0.0058 U	< 0.0057 U	< 0.0056 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0063 U	< 0.0062 U	< 0.0061 U	< 0.0058 U	< 0.0057 U	< 0.0056 U
Toluene	mg/kg	0.7	0.7	100	< 0.0063 U	< 0.0062 U	< 0.0061 U	< 0.0058 U	< 0.0057 U	< 0.0056 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	0.4 J	0.42 J	< 1 U	< 2 U	< 1 U	< 1 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	< 2 U	< 2 U	< 2 U	< 4 U	< 2 U	< 2 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	< 2 U	< 2 U	< 2 U	< 4 U	< 2 U	< 2 U
4-Nitroaniline	mg/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 4 U	< 2 U	< 2 U
Acenaphthene	mg/kg	98	20	100	1.1	1.3	0.44 J	0.41 J	< 1 U	< 1 U
Acenaphthylene	mg/kg	365	100	100	0.28 J	0.15 J	< 1 U	< 2 U	< 1 U	< 1 U
Acetophenone	mg/kg	-	-	-	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
Anthracene	mg/kg	1000	100	100	1.8	2.4	0.76 J	0.83 J	< 1 U	< 1 U
Benz(a)anthracene	mg/kg	1	1	1	3.9	4.8	2	2.2	0.12 J	0.12 J
Benzaldehyde	mg/kg	-	-	-	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
Benzo(a)pyrene	mg/kg	22	1	1	3.1	3.9	1.5	1.7 J	< 1 U	< 1 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	3.7	4.8	2	2.3	< 1 U	< 1 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	2	2.5	1.1	1.2 J	0.11 J	< 1 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	1.5	1.9	0.75 J	0.79 J	< 1 U	< 1 U
Benzyl butyl phthalate	mg/kg	122	100	100	0.88 J	0.76 J	0.99 J	0.61 J	0.19 J	< 1 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	3.5	1.4	3.1	1.7 J	9.1	0.51 J
Carpolactam	mg/kg	-	-	-	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
Carbazole	mg/kg	-	-	-	0.9 J	1.1	0.37 J	0.44 J	< 1 U	< 1 U
Chrysene	mg/kg	1	1	1.2	3.5	4.5	1.8	2	< 1 U	< 1 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	0.62 J	0.8 J	0.31 J	< 2 U	< 1 U	< 1 U
Dibenzofuran	mg/kg	110	2.1	4.2	0.76 J	0.86 J	0.22 J	0.26 J	< 1 U	< 1 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
Di-n-octyl phthalate	mg/kg	120	100	100	2.4	< 1 U	0.43 J	0.49 J	0.22 J	< 1 U
Fluoranthene	mg/kg	1000	85	100	8.7	11	4.1	4.8	0.2 J	0.15 J
Fluorene	mg/kg	386	30	100	1.3	1.3	0.4 J	0.45 J	< 1 U	< 1 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	1.9	2.3	0.97 J	1 J	< 1 U	< 1 U
Naphthalene	mg/kg	12	12	84	0.76 J	0.93 J	0.15 J	< 2 U	< 1 U	< 1 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
Phenanthrene	mg/kg	1000	1.1	1.2	7.4	9.1	3	3.5	< 1 U	< 1 U
Phenol	mg/kg	0.33	0.33	100	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U
Pyrene	mg/kg	1000	64	100	6.8	8.2	3.4	3.8	0.16 J	0.13 J
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.011 U	< 0.011 U	< 0.0099 U	< 0.0097 U	< 0.038 U	< 0.038 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.015 J	0.023 J	0.03 J	0.018 J	< 0.038 U	< 0.038 U
4,4'-DDT	mg/kg	135	0.0033	0.78	0.05 J	0.074 J	0.11 J	0.06 J	0.038 J	< 0.038 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.011 U	< 0.011 U	< 0.0099 U	< 0.0097 U	< 0.038 U	< 0.038 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.011 U	< 0.011 U	< 0.0099 U	< 0.0097 U	< 0.038 U	< 0.038 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	< 0.011 U	< 0.011 U	< 0.0099 U	< 0.0097 U	< 0.038 U	< 0.038 U
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.011 U	< 0.011 U	< 0.0099 U	< 0.0097 U	< 0.038 U	< 0.038 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.011 U	< 0.011 U	< 0.0099 U	< 0.0097 U	< 0.038 U	< 0.038 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.011 U	< 0.011 U	< 0.0099 U	0.0062 J	< 0.038 U	< 0.038 U
Endosulfan I	mg/kg	65	4.3	8.4	0.0025 J	0.0031 J	< 0.0099 U	0.0024 J	< 0.038 U	< 0.038 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.011 U	0.051 NJ	< 0.0099 U	< 0.0097 U	< 0.038 U	< 0.038 U
Endrin	ma/kg	0.06	0.014	1.2	< 0.011 U	< 0.011 U	0.013 NJ	< 0.0097 U	< 0.038 U	< 0.038 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-13			SS-13			SS-14			SS-14			SS-15			SS-15		
Sample Name		SS-13-00-0.5			SS-13-0.5-01			SS-14-00-0.5			SS-14-0.5-01			SS-15-00-0.5			SS-15-0.5-01		
Sample Date		10/31/2019			10/31/2019			10/31/2019			10/31/2019			10/31/2019			10/31/2019		
Sample Depth Interval (ft bgs)		0 - 0.5 ft			0.5 - 1 ft			0 - 0.5 ft			0.5 - 1 ft			0 - 0.5 ft			0.5 - 1 ft		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	0.037 J	0.09 J	0.09 J	0.062 J	< 0.038 U	< 0.038 U									
Endrin ketone	mg/kg	-	-	-	< 0.011 U	< 0.011 U	< 0.0099 U	< 0.0097 U	< 0.038 U	< 0.038 U									
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.011 U	< 0.011 U	< 0.0099 U	< 0.0097 U	< 0.038 U	< 0.038 U									
Gamma-Chlordane	mg/kg	14	0.54	0.54	0.015 J	0.026 NJ	0.034 J	0.018 J	0.017 J	0.013 J									
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.011 U	< 0.011 U	< 0.0099 U	< 0.0097 U	< 0.038 U	< 0.038 U									
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.011 U	< 0.011 U	0.0045 J	< 0.0097 U	< 0.038 U	< 0.038 U									
Methoxychlor	mg/kg	900	1.2	100	< 0.011 U	< 0.011 U	0.011 NJ	< 0.0097 U	< 0.038 U	< 0.038 U									
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.30 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.27 U									
Aroclor 1248	mg/kg	-	-	-	< 0.30 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.27 U									
Aroclor 1254	mg/kg	-	-	-	0.75 J	0.92	1.3	0.67	0.51	0.29									
Aroclor 1260	mg/kg	-	-	-	< 0.30 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.27 U									
Aroclor 1268	mg/kg	-	-	-	< 0.30 U	< 0.29 U	< 0.26 U	< 0.28 U	< 0.26 U	< 0.27 U									
PCB (total)	mg/kg	3.2	0.1	1	0.75	0.92	1.3	0.67	0.51	0.29									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	4910 J-	5310 J-	4610 J-	4960 J-	9590 J-	8120 J-									
Antimony	mg/kg	-	12	-	2.2 J+	2.3 J+	3.5 J+	2.1 J+	1.2 J+	0.99 J+									
Arsenic	mg/kg	16	13	16	2.1 J	2.1 J	2.1 J	2.1 J	2.4	2.5									
Barium	mg/kg	820	410	410	79.6	87	112	82.7	47.2	54.9									
Beryllium	mg/kg	47	4.4	8.8	0.16 J	0.17 J	0.15 J	0.17 J	0.26	0.26									
Cadmium	mg/kg	7.5	2.5	2.5	1.5	1.4	2.4	1.9	0.49	0.54									
Calcium	mg/kg	-	10000	-	1310 B	1850 B	4760 B	4030 B	24700 B	42300 B									
Chromium (total)	mg/kg	19	1	1	12	11.7	13.1	11.9	11	10.5									
Cobalt	mg/kg	-	20	30	4	4.9	4.9	4.2	5.7	4.5									
Copper	mg/kg	1720	50	280	84.5 J-	84.2 J-	84.5 J-	76.4 J-	38.9	38.1									
Iron	mg/kg	-	2000	2000	15000 B	13200 B	16000 B	14400 B	15300 B	12200 B									
Lead	mg/kg	450	63	400	118	104	110	169	32.6	31.8									
Magnesium	mg/kg	-	-	-	1270	1540	2540	2530	7030	7120									
Manganese	mg/kg	2000	1600	2000	260 B	177 B	460 B	218 B	391 B	467 B									
Mercury	mg/kg	0.73	0.18	0.3	0.46	0.37	0.34	0.23	0.67	0.072 J-									
Nickel	mg/kg	130	30	87	15.8	16.9	18.9	17.5	16.6	14.2									
Potassium	mg/kg	-	-	-	786 J+	858 J+	796 J+	872 J+	1300 J+	1350 J+									
Selenium	mg/kg	4	3.9	22	< 5 U	0.65 J	< 5 U	< 5 U	< 4 U	0.63 J									
Silver	mg/kg	8.3	2	22	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U									
Sodium	mg/kg	-	-	-	31.2 J	34.3 J	52.2 J	35.4 J	55.7 J	77.2 J									
Thallium	mg/kg	-	5	-	1.9 J	2.1 J	2.1 J	1.8 J	< 6 U	< 7 U									
Vanadium	mg/kg	-	39	100	10.3 J-	10.3 J-	9.2 J-	9.3 J-	17.1 J-	22.1 J-									
Zinc	mg/kg	2480	109	1300	402	424	444	389	123	109									
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U									
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-16	SS-16	SS-17	SS-17	SS-17	SS-18
Sample Name					SS-16-0-2	SS-16-2-12	SS-17-0-2	SS-17-2-12	SS-67-2-12	SS-18-0-2
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0.17 - 1 ft	0 - 0.2 ft
Analyte	Unit	Criteria							Field Duplicate	
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.024 UJ	< 0.023 UJ	< 0.025 UJ	< 0.016 UJ	< 0.018 UJ	< 0.033 UJ
Acetone	mg/kg	0.03	0.03	100	0.036 J	0.038 J	0.051 J	0.02 J	0.028 J	0.081 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.024 U	< 0.023 UJ	< 0.025 U	< 0.016 U	< 0.018 U	< 0.033 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0024 U	< 0.0023 U	< 0.0025 U	< 0.0016 U	< 0.0018 U	< 0.0033 U
Methyl Acetate	mg/kg	-	-	-	< 0.0024 U	< 0.0023 U	0.075	< 0.0016 U	< 0.0018 U	0.0029 J
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.049 UJ	< 0.045 U	< 0.05 UJ	< 0.032 UJ	< 0.037 UJ	< 0.066 UJ
Methylene chloride	mg/kg	0.05	0.05	17	< 0.024 U	< 0.023 U	< 0.025 U	< 0.016 U	< 0.018 U	< 0.033 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0024 U	< 0.0023 U	< 0.0025 U	< 0.0016 U	< 0.0018 U	< 0.0033 U
Toluene	mg/kg	0.7	0.7	100	< 0.0024 U	< 0.0023 U	< 0.0025 U	< 0.0016 U	< 0.0018 U	< 0.0033 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.059 U	< 0.063 U	< 0.066 U	< 0.067 U	< 0.059 U	< 0.086 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.4 U	< 1 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.2 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.2 U	< 0.29 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.4 U	< 1 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.4 U	< 1 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.4 U	< 1 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.4 U	< 1 U
Acenaphthene	mg/kg	98	20	100	< 0.2 U	< 0.21 U	< 0.22 U	0.11 J	0.18 J	< 0.29 U
Acenaphthylene	mg/kg	365	100	100	< 0.2 U	< 0.21 U	< 0.22 U	< 0.23 U	< 0.2 U	< 0.29 U
Acetophenone	mg/kg	-	-	-	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.4 U	< 1 U
Anthracene	mg/kg	1000	100	100	0.083 J	0.12 J	0.23	0.23 J	0.41 J	0.23 J
Benz(a)anthracene	mg/kg	1	1	1	0.38	0.44	1	0.75	0.86	0.59
Benzaldehyde	mg/kg	-	-	-	0.047 J	< 0.43 U	0.15 J	0.063 J	0.042 J	0.25 J
Benzo(a)pyrene	mg/kg	22	1	1	0.36	0.41	0.9	0.65	0.75	0.55
Benzo(b)fluoranthene	mg/kg	2.1	1	1	0.45	0.49	1.1	0.8	0.91	0.66
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	0.24	0.24	0.51	0.37	0.37	0.36
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	0.18 J	0.2 J	0.47	0.35	0.36	0.28 J
Benzyl butyl phthalate	mg/kg	122	100	100	0.19 J	0.34 J	< 0.45 U	0.56	0.6	< 1 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	190 J	0.48	1.8 J	1.5 J	11 J	0.21 J
Carpolactam	mg/kg	-	-	-	< 0.4 U	< 0.43 U	0.12 J	0.1 J	< 0.4 U	< 1 U
Carbazole	mg/kg	-	-	-	< 0.2 U	< 0.21 U	0.088 J	0.13 J	0.19 J	0.12 J
Chrysene	mg/kg	1	1	1.2	0.46	0.41	1	0.71	0.92	0.51
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.2 U	< 0.21 U	0.13 J	0.098 J	0.1 J	< 0.29 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	0.14 J	< 1 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.4 U	< 1 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.4 U	< 0.43 U	0.083 J	< 0.45 U	< 0.4 U	< 1 U
Di-n-octyl phthalate	mg/kg	120	100	100	0.31 J	< 0.43 U	0.24 J	< 0.45 U	0.17 J	< 1 U
Fluoranthene	mg/kg	1000	85	100	0.71	0.84	2.2	1.5	1.8	1.2
Fluorene	mg/kg	386	30	100	< 0.2 U	< 0.21 U	< 0.22 U	0.12 J	0.22	0.14 J
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.028 U	< 0.038 U	< 0.032 U	< 0.032 U	< 0.028 U	< 0.01 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	0.24	< 0.21 U	0.55	0.4	0.42	0.31
Naphthalene	mg/kg	12	12	84	< 0.2 U	< 0.21 U	< 0.22 U	< 0.23 U	0.14 J	< 0.29 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.4 U	< 1 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.4 U	< 1 U
Phenanthrene	mg/kg	1000	1.1	1.2	0.36	0.53	0.9	1	1.7	1
Phenol	mg/kg	0.33	0.33	100	< 0.4 U	< 0.43 U	< 0.45 U	< 0.45 U	< 0.4 U	< 1 U
Pyrene	mg/kg	1000	64	100	0.86	1	2.3	1.7	2	1.3
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.019 U	< 0.025 U	< 0.021 U	< 0.021 U	< 0.019 U	< 0.0068 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.019 U	< 0.025 U	< 0.021 U	< 0.021 U	< 0.019 U	< 0.0068 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.019 U	< 0.025 U	< 0.021 U	< 0.021 U	< 0.019 U	< 0.0068 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.024 U	< 0.032 U	< 0.026 U	< 0.027 U	< 0.024 U	< 0.0086 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.024 U	< 0.032 U	< 0.026 U	< 0.027 U	< 0.024 U	< 0.0086 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.024 U	< 0.032 U	< 0.026 U	< 0.027 U	< 0.024 U	< 0.0086 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.024 U	< 0.032 U	< 0.026 U	< 0.027 U	< 0.024 U	< 0.0086 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.019 U	< 0.025 U	< 0.021 U	< 0.021 U	< 0.019 U	< 0.0068 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.024 U	< 0.032 U	< 0.026 U	< 0.027 U	< 0.024 U	< 0.0086 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.038 U	< 0.051 U	< 0.042 U	< 0.043 U	< 0.038 U	< 0.014 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.038 U	< 0.051 U	< 0.042 U	< 0.043 U	< 0.038 U	< 0.014 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-16		SS-16		SS-17		SS-17		SS-17		SS-18	
Sample Name		SS-16-0-2		SS-16-2-12		SS-17-0-2		SS-17-2-12		SS-67-2-12		SS-18-0-2	
Sample Date		12/5/2022		12/5/2022		12/5/2022		12/5/2022		12/5/2022		12/5/2022	
Sample Depth Interval (ft bgs)		0 - 0.2 ft		0.17 - 1 ft		0 - 0.2 ft		0.17 - 1 ft		0.17 - 1 ft		0 - 0.2 ft	
Analyte	Unit	Criteria								Field Duplicate			
		(1)	(2)	(3)									
Endrin aldehyde	mg/kg	-	-	-	< 0.038 U	< 0.051 U	< 0.042 U	< 0.043 U	< 0.038 U	< 0.014 U			
Endrin ketone	mg/kg	-	-	-	< 0.038 U	< 0.051 U	< 0.042 U	< 0.043 U	< 0.038 U	< 0.014 U			
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0095 U	< 0.013 U	< 0.011 U	< 0.011 U	< 0.0095 U	< 0.0034 U			
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA			
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.024 U	< 0.032 U	< 0.026 U	< 0.027 U	< 0.024 U	< 0.0086 U			
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.024 U	< 0.032 U	< 0.026 U	< 0.027 U	< 0.024 U	< 0.0086 U			
Methoxychlor	mg/kg	900	1.2	100	< 0.24 U	< 0.32 U	< 0.26 U	< 0.27 U	< 0.24 U	< 0.086 U			
Polychlorinated Biphenyls (PCBs)													
Aroclor 1242	mg/kg	-	-	-	< 0.095 U	< 0.1 U	< 0.11 U	< 0.11 U	< 0.095 U	< 0.14 U			
Aroclor 1248	mg/kg	-	-	-	0.064 J	0.077 J	0.24	0.33	0.28	< 0.14 U			
Aroclor 1254	mg/kg	-	-	-	0.13 J	0.19	0.56 J	0.68	0.57	0.093 J			
Aroclor 1260	mg/kg	-	-	-	0.07 J	0.094 J	0.22 J	0.25	0.2	0.056 J			
Aroclor 1268	mg/kg	-	-	-	< 0.095 U	< 0.1 U	< 0.11 U	< 0.11 U	< 0.095 U	< 0.14 U			
PCB (total)	mg/kg	3.2	0.1	1	0.264	0.361	1.02	1.26	1.05	0.149			
Metals and Inorganics													
Aluminum	mg/kg	-	10000	-	4500	5100	3500	4800	4800	4000			
Antimony	mg/kg	-	12	-	1.1 J	1.4 J-	2.4	3.8	1.5 J	1.7 J			
Arsenic	mg/kg	16	13	16	1.5 J	1.9 J	1.9 J	2.5 J	2.1 J	1.4 J			
Barium	mg/kg	820	410	410	40	34	74	120	130	48			
Beryllium	mg/kg	47	4.4	8.8	< 0.19 U	< 0.21 U	< 0.21 U	< 0.22 U	< 0.19 U	< 0.27 U			
Cadmium	mg/kg	7.5	2.5	2.5	0.74	0.69	2.1	2.5	2.2	0.67			
Calcium	mg/kg	-	10000	-	3700	4500	1500	2300	1900	1600			
Chromium (total)	mg/kg	19	1	1	9	7.1	17	13	12	6.5			
Cobalt	mg/kg	-	20	30	2.8	2.9	5.3	6.2	4.2	3.5			
Copper	mg/kg	1720	50	280	44	50 J+	72	91	82	36			
Iron	mg/kg	-	2000	2000	11000	12000	16000	18000	16000	9100			
Lead	mg/kg	450	63	400	43	40 J+	98	140	110	280			
Magnesium	mg/kg	-	-	-	1800	1700 J+	1000	1700	1400	1400			
Manganese	mg/kg	2000	1600	2000	180	190	160	180	170	530			
Mercury	mg/kg	0.73	0.18	0.3	0.19	0.11	0.18	0.21	0.2	0.06			
Nickel	mg/kg	130	30	87	9.4	9	13	19	16	8.5			
Potassium	mg/kg	-	-	-	390	370	340	360	340	560			
Selenium	mg/kg	4	3.9	22	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 5 U			
Silver	mg/kg	8.3	2	22	< 0.38 U	< 0.42 U	0.16 J	0.16 J	< 0.38 U	< 1 U			
Sodium	mg/kg	-	-	-	< 190 U	< 210 U	< 210 U	< 210 U	28 J	< 270 U			
Thallium	mg/kg	-	5	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 3 U			
Vanadium	mg/kg	-	39	100	8.1	9.3	6.7	9.9	8.9	6.3			
Zinc	mg/kg	2480	109	1300	250	250	480	610	510	170			
Miscellaneous													
Cyanide	mg/kg	40	2.3	2.6	0.24	0.26	0.44	0.35	0.37	0.18			
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA			

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed, ND - Non Detect
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
J- - Reported concentration is an estimated value, and may be biased low.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.
D - Result reported from a secondary dilution analysis.
NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-18	SS-19	SS-19	SS-20	SS-20	SS-20
Sample Name					SS-18-2-12	SS-19-0-2	SS-19-2-12	SS-20-0-2	SS-20-2-12	SS-70-2-12
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0.17 - 1 ft
Analyte	Unit	Criteria								Field Duplicate
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.018 UJ	< 0.029 UJ	< 0.018 UJ	< 0.021 UJ	< 0.017 UJ	< 0.016 U
Acetone	mg/kg	0.03	0.03	100	0.013 J	0.16	0.017 J	0.029 J	0.018 J	0.014 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.018 U	< 0.029 UJ	< 0.018 U	< 0.021 U	< 0.017 U	< 0.016 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0018 U	< 0.0029 U	< 0.0018 U	< 0.0021 U	< 0.0017 U	< 0.0016 U
Methyl Acetate	mg/kg	-	-	-	< 0.0018 U	0.14	< 0.0018 U	< 0.0021 U	< 0.0017 U	< 0.0016 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.037 UJ	0.031 J	< 0.037 UJ	< 0.042 UJ	< 0.035 UJ	< 0.033 UJ
Methylene chloride	mg/kg	0.05	0.05	17	< 0.018 U	< 0.029 U	< 0.018 U	< 0.021 U	< 0.017 U	< 0.016 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0018 U	< 0.0029 U	< 0.0018 U	< 0.0021 U	< 0.0017 U	< 0.0016 U
Toluene	mg/kg	0.7	0.7	100	< 0.0018 U	< 0.0029 U	< 0.0018 U	< 0.0021 U	< 0.0017 U	< 0.0016 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.06 U	< 0.066 U	< 0.055 U	< 0.062 U	< 0.055 U	< 0.054 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.21 U	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
Acenaphthene	mg/kg	98	20	100	< 0.21 U	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Acenaphthylene	mg/kg	365	100	100	< 0.21 U	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Acetophenone	mg/kg	-	-	-	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
Anthracene	mg/kg	1000	100	100	< 0.21 U	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Benz(a)anthracene	mg/kg	1	1	1	0.23	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Benzaldehyde	mg/kg	-	-	-	< 0.41 U	0.099 J	< 0.37 U	0.051 J	< 0.38 U	< 0.37 U
Benzo(a)pyrene	mg/kg	22	1	1	0.18 J	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	0.25	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	0.11 J	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	0.1 J	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Benzyl butyl phthalate	mg/kg	122	100	100	0.14 J	< 0.45 U	< 0.37 U	< 0.42 U	0.068 J	< 0.37 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	0.15 J	< 0.45 UJ	0.27 J	0.09 J	0.14 J	0.14 J
Carpolactam	mg/kg	-	-	-	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	0.093 J
Carbazole	mg/kg	-	-	-	< 0.21 U	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Chrysene	mg/kg	1	1	1.2	0.2 J	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.21 U	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
Fluoranthene	mg/kg	1000	85	100	0.48	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Fluorene	mg/kg	386	30	100	< 0.21 U	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.0072 U	< 0.008 U	< 0.0065 U	< 0.0074 U	< 0.0066 U	< 0.0065 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	0.13 J	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Naphthalene	mg/kg	12	12	84	< 0.21 U	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
Phenanthrene	mg/kg	1000	1.1	1.2	0.31	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Phenol	mg/kg	0.33	0.33	100	< 0.41 U	< 0.45 U	< 0.37 U	< 0.42 U	< 0.38 U	< 0.37 U
Pyrene	mg/kg	1000	64	100	0.51	< 0.23 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.18 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0048 U	< 0.0053 U	< 0.0044 U	< 0.005 U	< 0.0044 U	< 0.0043 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0048 U	< 0.0053 U	< 0.0044 U	< 0.005 U	< 0.0044 U	< 0.0043 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0048 U	< 0.0053 U	< 0.0044 U	< 0.005 U	< 0.0044 U	< 0.0043 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.006 U	< 0.0066 U	< 0.0055 U	< 0.0062 U	< 0.0055 U	< 0.0054 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.006 U	< 0.0066 U	< 0.0055 U	< 0.0062 U	< 0.0055 U	< 0.0054 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.006 U	< 0.0066 U	< 0.0055 U	< 0.0062 U	< 0.0055 U	< 0.0054 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.006 U	< 0.0066 U	< 0.0055 U	< 0.0062 U	< 0.0055 U	< 0.0054 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0048 U	< 0.0053 U	< 0.0044 U	< 0.005 U	< 0.0044 U	< 0.0043 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.006 U	< 0.0066 U	< 0.0055 U	< 0.0062 U	< 0.0055 U	< 0.0054 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.0097 U	< 0.011 U	< 0.0087 U	< 0.0099 U	< 0.0089 U	< 0.0087 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.0097 U	< 0.011 U	< 0.0087 U	< 0.0099 U	< 0.0089 U	< 0.0087 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-18		SS-19		SS-19		SS-20		SS-20	
Sample Name		SS-18-2-12		SS-19-0-2		SS-19-2-12		SS-20-0-2		SS-20-2-12	
Sample Date		12/5/2022		12/5/2022		12/5/2022		12/5/2022		12/5/2022	
Sample Depth Interval (ft bgs)		0.17 - 1 ft		0 - 0.2 ft		0.17 - 1 ft		0 - 0.2 ft		0.17 - 1 ft	
Analyte	Unit	Criteria									Field Duplicate
		(1)	(2)	(3)							
Endrin aldehyde	mg/kg	-	-	-	< 0.0097 U	< 0.011 U	< 0.0087 U	< 0.0099 U	< 0.0089 U	< 0.0087 U	
Endrin ketone	mg/kg	-	-	-	< 0.0097 U	< 0.011 U	< 0.0087 U	< 0.0099 U	< 0.0089 U	< 0.0087 U	
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0024 UJ	< 0.0027 UJ	< 0.0022 U	< 0.0025 U	< 0.0022 U	< 0.0022 U	
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.006 U	< 0.0066 U	< 0.0055 U	< 0.0062 U	< 0.0055 U	< 0.0054 U	
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.006 U	< 0.0066 U	< 0.0055 U	< 0.0062 U	< 0.0055 U	< 0.0054 U	
Methoxychlor	mg/kg	900	1.2	100	< 0.06 U	< 0.066 U	< 0.055 U	< 0.062 U	< 0.055 U	< 0.054 U	
Polychlorinated Biphenyls (PCBs)											
Aroclor 1242	mg/kg	-	-	-	< 0.097 U	< 0.11 U	< 0.087 U	< 0.099 U	< 0.089 U	< 0.087 U	
Aroclor 1248	mg/kg	-	-	-	< 0.097 U	< 0.11 U	0.034 J	< 0.099 U	< 0.089 U	< 0.087 U	
Aroclor 1254	mg/kg	-	-	-	0.076 J	< 0.11 U	0.063 J	< 0.099 U	0.035 J	0.03 J	
Aroclor 1260	mg/kg	-	-	-	0.048 J	0.085 J	0.042 J	< 0.099 U	< 0.089 U	0.037 J	
Aroclor 1268	mg/kg	-	-	-	< 0.097 U	< 0.11 U	< 0.087 U	< 0.099 U	< 0.089 U	< 0.087 U	
PCB (total)	mg/kg	3.2	0.1	1	0.124	0.085	0.139	ND	0.035	0.067	
Metals and Inorganics											
Aluminum	mg/kg	-	10000	-	3600	4200	4800	3000	3500	3200	
Antimony	mg/kg	-	12	-	6.1	0.84 J	< 2 U	0.73 J	0.53 J	< 2 U	
Arsenic	mg/kg	16	13	16	2.5 J	0.66 J	0.81 J	0.66 J	1.1 J	0.94 J	
Barium	mg/kg	820	410	410	33	34	22	32	47	40	
Beryllium	mg/kg	47	4.4	8.8	< 0.2 U	< 0.22 U	< 0.18 U	< 0.2 U	< 0.18 U	< 0.18 U	
Cadmium	mg/kg	7.5	2.5	2.5	0.41	0.74	< 0.36 U	0.22 J	0.18 J	0.13 J	
Calcium	mg/kg	-	10000	-	720	2800	150	860	610	680	
Chromium (total)	mg/kg	19	1	1	5.2	3.5	3.8	3.2	4	3.7	
Cobalt	mg/kg	-	20	30	2.6	2.1 J	2.5	1.8 J	2.2	2.1	
Copper	mg/kg	1720	50	280	31	8.7	4.8	10	20 J	9.2 J	
Iron	mg/kg	-	2000	2000	8000	5400	5900	4800	6300	6100	
Lead	mg/kg	450	63	400	910	7.5	1.5	8.8	13 J	5.5 J	
Magnesium	mg/kg	-	-	-	1000	990	1100	890	1100	1100	
Manganese	mg/kg	2000	1600	2000	140	140	62	180	210	200	
Mercury	mg/kg	0.73	0.18	0.3	0.097	0.033 J	0.0094 J	0.021 J	0.022 J	0.0092 J	
Nickel	mg/kg	130	30	87	7.1	4.9	5.7	4.5	5.8	5.1	
Potassium	mg/kg	-	-	-	430	400	450	350	460	500	
Selenium	mg/kg	4	3.9	22	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	
Silver	mg/kg	8.3	2	22	< 0.4 U	< 0.44 U	< 0.36 U	< 0.41 U	< 0.36 U	< 0.36 U	
Sodium	mg/kg	-	-	-	< 200 U	< 220 U	< 180 U	< 200 U	< 180 U	< 180 U	
Thallium	mg/kg	-	5	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	
Vanadium	mg/kg	-	39	100	5.6	5.2	5	4	4.8	4.9	
Zinc	mg/kg	2480	109	1300	130	70	14	38	82 J	38 J	
Miscellaneous											
Cyanide	mg/kg	40	2.3	2.6	0.13	< 0.2 U	< 0.12 U	0.19	0.14	0.13	
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-21	SS-21	SS-22	SS-22	SS-23	SS-23
Sample Name					SS-21-0-2	SS-21-2-12	SS-22-0-2	SS-22-2-12	SS-23-0-2	SS-23-2-12
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.024 UJ	< 0.018 UJ	< 0.02 UJ	0.049 J	< 0.029 U	< 0.019 U
Acetone	mg/kg	0.03	0.03	100	0.1 J	0.012 J	< 0.1 U	0.059 J	0.051 J	0.02 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.024 U	< 0.018 U	< 0.02 U	< 0.015 UJ	< 0.029 U	< 0.019 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0024 U	< 0.0018 U	< 0.002 U	< 0.0015 U	< 0.0029 U	< 0.0019 U
Methyl Acetate	mg/kg	-	-	-	< 0.0024 U	< 0.0018 U	< 0.002 U	0.0026	< 0.0029 U	< 0.0019 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.049 UJ	< 0.036 UJ	< 0.041 UJ	< 0.031 U	< 0.058 U	< 0.038 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.024 U	< 0.018 U	< 0.02 U	< 0.015 U	< 0.029 U	0.0015 J
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0024 U	< 0.0018 U	< 0.002 U	< 0.0015 U	< 0.0029 U	0.0011 J
Toluene	mg/kg	0.7	0.7	100	< 0.0024 U	< 0.0018 U	< 0.002 U	< 0.0015 U	< 0.0029 U	< 0.0019 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 1 U	< 1 U	< 1 U	< 1 U	0.48 J	< 1 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.07 U	< 0.055 U	< 0.064 U	< 0.059 U	< 0.05 U	< 0.05 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.24 U	< 0.19 U	< 0.22 U	< 0.2 U	1.7	0.1 J
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	0.14 J	< 0.39 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	0.21 J	< 0.39 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 1 U	< 1 U	< 1 U	< 1 U	0.67 J	< 1 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
Acenaphthene	mg/kg	98	20	100	< 0.24 U	< 0.19 U	< 0.22 U	< 0.2 U	4.5	0.27
Acenaphthylene	mg/kg	365	100	100	< 0.24 U	< 0.19 U	< 0.22 U	< 0.2 U	0.85	< 0.19 U
Acetophenone	mg/kg	-	-	-	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
Anthracene	mg/kg	1000	100	100	< 0.24 U	< 0.19 U	< 0.22 U	< 0.2 U	7	0.48
Benz(a)anthracene	mg/kg	1	1	1	0.094 J	< 0.19 U	0.22	0.09 J	23	1.2
Benzaldehyde	mg/kg	-	-	-	0.066 J	< 0.37 U	0.3 J	< 0.4 U	0.46 J	0.04 J
Benzo(a)pyrene	mg/kg	22	1	1	< 0.24 U	< 0.19 U	0.22 J	0.081 J	22	1.1
Benzo(b)fluoranthene	mg/kg	2.1	1	1	0.095 J	< 0.19 U	0.27	0.1 J	28	1.3
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.24 U	< 0.19 U	0.14 J	< 0.2 U	10	0.68
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.24 U	< 0.19 U	0.12 J	< 0.2 U	11	0.59
Benzyl butyl phthalate	mg/kg	122	100	100	0.36 J	< 0.37 U	< 0.44 U	< 0.4 U	0.12 J	0.096 J
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	0.85 J	0.08 J	< 0.44 UJ	< 0.4 UJ	0.1 J	0.2 J
Carpolactam	mg/kg	-	-	-	0.13 J	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
Carbazole	mg/kg	-	-	-	< 0.24 U	< 0.19 U	< 0.22 U	< 0.2 U	3.7	0.24
Chrysene	mg/kg	1	1	1.2	0.095 J	< 0.19 U	0.23	0.079 J	22	1.1
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.24 U	< 0.19 U	< 0.22 U	< 0.2 U	1.9	0.12 J
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	3.1	0.19 J
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	0.093 J	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
Fluoranthene	mg/kg	1000	85	100	0.19 J	< 0.19 U	0.44	0.16 J	43	2.5
Fluorene	mg/kg	386	30	100	< 0.24 U	< 0.19 U	< 0.22 U	< 0.2 U	5.3	0.34
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.0084 U	< 0.0066 U	< 0.0077 U	< 0.007 U	0.065 J	0.1
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.24 U	< 0.19 U	0.17 J	< 0.2 U	13	0.71
Naphthalene	mg/kg	12	12	84	< 0.24 U	< 0.19 U	< 0.22 U	< 0.2 U	2.1	0.11 J
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
Phenanthrene	mg/kg	1000	1.1	1.2	0.14 J	< 0.19 U	0.22	< 0.2 U	34	2.2
Phenol	mg/kg	0.33	0.33	100	< 0.47 U	< 0.37 U	< 0.44 U	< 0.4 U	< 0.46 U	< 0.39 U
Pyrene	mg/kg	1000	64	100	0.23 J	< 0.19 U	0.5	0.18 J	50	2.7
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0056 U	< 0.0044 U	< 0.0051 U	< 0.0047 U	< 0.11 UJ	< 0.023 UJ
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0056 U	< 0.0044 U	< 0.0051 U	< 0.0047 U	< 0.11 U	< 0.023 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0056 U	< 0.0044 U	< 0.0051 U	< 0.0047 U	< 0.11 U	< 0.023 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.007 U	< 0.0055 U	< 0.0064 U	< 0.0059 U	< 0.14 U	< 0.029 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.007 U	< 0.0055 U	< 0.0064 U	< 0.0059 U	< 0.14 U	< 0.029 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.007 U	< 0.0055 U	< 0.0064 U	< 0.0059 U	< 0.14 U	< 0.029 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.007 U	< 0.0055 U	< 0.0064 U	< 0.0059 U	< 0.14 U	< 0.029 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0056 U	< 0.0044 U	< 0.0051 U	< 0.0047 U	< 0.11 U	< 0.023 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.007 U	< 0.0055 U	< 0.0064 U	< 0.0059 U	< 0.14 U	< 0.029 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.011 U	< 0.0088 U	< 0.01 U	< 0.0094 U	< 0.22 U	< 0.046 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.011 U	< 0.0088 U	< 0.01 U	< 0.0094 U	< 0.22 U	< 0.046 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-21			SS-21			SS-22			SS-22			SS-23		
Sample Name		SS-21-0-2			SS-21-2-12			SS-22-0-2			SS-22-2-12			SS-23-0-2		
Sample Date		12/5/2022			12/5/2022			12/5/2022			12/5/2022			12/5/2022		
Sample Depth Interval (ft bgs)		0 - 0.2 ft			0.17 - 1 ft			0 - 0.2 ft			0.17 - 1 ft			0 - 0.2 ft		
Analyte	Unit	Criteria														
		(1)	(2)	(3)												
Endrin aldehyde	mg/kg	-	-	-	< 0.011 U	< 0.0088 U	< 0.01 U	< 0.0094 U	< 0.22 U	< 0.046 U						
Endrin ketone	mg/kg	-	-	-	< 0.011 U	< 0.0088 U	< 0.01 U	< 0.0094 U	< 0.22 U	< 0.046 U						
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0028 U	< 0.0022 U	< 0.0026 U	< 0.0023 U	< 0.054 U	< 0.011 U						
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA						
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.007 U	< 0.0055 U	< 0.0064 U	< 0.0059 U	< 0.14 U	< 0.029 U						
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.007 U	< 0.0055 U	< 0.0064 U	< 0.0059 U	< 0.14 U	< 0.029 U						
Methoxychlor	mg/kg	900	1.2	100	< 0.07 U	< 0.055 U	< 0.064 U	< 0.059 U	< 1 U	< 0.29 U						
Polychlorinated Biphenyls (PCBs)																
Aroclor 1242	mg/kg	-	-	-	< 0.11 U	0.076 J	< 0.1 U	< 0.094 U	< 0.11 U	< 0.091 U						
Aroclor 1248	mg/kg	-	-	-	0.084 J	< 0.088 U	< 0.1 U	< 0.094 U	0.38	0.76						
Aroclor 1254	mg/kg	-	-	-	0.12 J	0.04 J	0.065 J	< 0.094 U	0.6	1.1						
Aroclor 1260	mg/kg	-	-	-	0.055 J	< 0.088 U	0.053 J	< 0.094 U	0.5	0.91						
Aroclor 1268	mg/kg	-	-	-	< 0.11 U	< 0.088 U	< 0.1 U	< 0.094 U	< 0.11 U	< 0.091 U						
PCB (total)	mg/kg	3.2	0.1	1	0.259	0.116	0.118	ND	1.48	2.77						
Metals and Inorganics																
Aluminum	mg/kg	-	10000	-	2100	3400	4400	4700	4400	4700						
Antimony	mg/kg	-	12	-	1.2 J	0.51 J	0.54 J	< 2 UJ	< 2 UJ	< 2 U						
Arsenic	mg/kg	16	13	16	< 4 U	1.3 J	1.1 J	1.1 J	1.9 J	2 J						
Barium	mg/kg	820	410	410	55	37	29	29	47	59						
Beryllium	mg/kg	47	4.4	8.8	< 0.22 U	< 0.18 U	< 0.21 U	< 0.19 U	0.11 J	0.95						
Cadmium	mg/kg	7.5	2.5	2.5	0.87	0.19 J	0.26 J	< 0.38 U	0.99 J	1.5						
Calcium	mg/kg	-	10000	-	1400	500	560	340 J+	2000	4100						
Chromium (total)	mg/kg	19	1	1	3.4	3.8	4.4	3.9	10	15						
Cobalt	mg/kg	-	20	30	1.9 J	2.3	2.2	2.5	2.7	3.3						
Copper	mg/kg	1720	50	280	15	18	14	9.2	45	65						
Iron	mg/kg	-	2000	2000	4800	7000	6400	6400	11000	11000						
Lead	mg/kg	450	63	400	22	11	16	3.5	110 J	170						
Magnesium	mg/kg	-	-	-	730	1200	1100	1100	1100	1200						
Manganese	mg/kg	2000	1600	2000	190	270	190	280	190	240						
Mercury	mg/kg	0.73	0.18	0.3	0.096	0.043	0.093	0.012 J	0.72	1.9						
Nickel	mg/kg	130	30	87	5.1	5.8	5.8	5.8	11	15						
Potassium	mg/kg	-	-	-	550	380	390	460	350	320						
Selenium	mg/kg	4	3.9	22	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U						
Silver	mg/kg	8.3	2	22	< 0.44 U	< 0.36 U	< 0.42 U	< 0.38 U	< 0.43 U	< 0.37 U						
Sodium	mg/kg	-	-	-	< 220 U	< 180 U	< 210 U	< 190 U	< 220 U	34 J						
Thallium	mg/kg	-	5	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U						
Vanadium	mg/kg	-	39	100	3.2	5.1	5.6	5.3	8.8	8.7						
Zinc	mg/kg	2480	109	1300	76	38	55	21	250	350						
Miscellaneous																
Cyanide	mg/kg	40	2.3	2.6	0.18	< 0.11 U	< 0.12 U	< 0.11 U	0.38	0.31						
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA						

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-24	SS-24	SS-25	SS-25	SS-26	SS-26
Sample Name					SS-24-0-2	SS-24-2-12	SS-25-0-2	SS-25-2-12	SS-26-0-2	SS-26-2-12
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.025 U	< 0.022 U	< 0.029 U	< 0.022 U	< 0.037 U	< 0.026 U
Acetone	mg/kg	0.03	0.03	100	0.035 J	0.03 J	0.055 J	0.039 J	0.072 J	0.095 J
Chloroethane	mg/kg	1.9	1.9	-	< 0.025 U	< 0.022 U	< 0.029 U	< 0.022 U	< 0.037 U	< 0.026 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.0025 U	< 0.0022 U	< 0.0029 U	< 0.0022 U	< 0.0037 U	< 0.0026 U
Methyl Acetate	mg/kg	-	-	-	< 0.0025 U	< 0.0022 U	< 0.0029 U	< 0.0022 U	< 0.0037 U	< 0.0026 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.051 U	< 0.045 U	< 0.058 U	< 0.045 U	< 0.075 U	< 0.052 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.025 U	< 0.022 U	< 0.029 U	< 0.022 U	< 0.037 U	< 0.026 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0025 U	< 0.0022 U	< 0.0029 U	< 0.0022 U	< 0.0037 U	< 0.0026 U
Toluene	mg/kg	0.7	0.7	100	< 0.0025 U	0.00063 J	< 0.0029 U	< 0.0022 U	< 0.0037 U	< 0.0026 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	2.4	2.9	0.55 J	3.7 J	1.6	0.59 J
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.05 U	< 0.05 U	< 0.05 U	0.033 J	< 0.1 U	< 0.05 U
2,4-Dimethylphenol	mg/kg	-	-	-	0.37 J	0.28 J	< 1 U	< 4 U	0.21 J	< 0.45 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	7.4	9.8	1.9	12	5.3	1.9
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	0.3 J	0.21 J	< 1 U	< 4 U	0.2 J	< 0.45 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	0.95	0.7	0.16 J	< 4 U	0.64	0.26 J
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.45 U	< 0.41 U	0.39 J	< 4 U	< 1 U	< 0.45 U
4-Chloroaniline	mg/kg	0.22	0.22	100	4.2	6.2 J	0.84 J	< 8 U	3	0.98
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	0.81	0.87	0.48 J	2.3 J	< 1 U	< 0.45 U
Acenaphthene	mg/kg	98	20	100	27	29	7.1	48	17	4.1
Acenaphthylene	mg/kg	365	100	100	2.9	2.2	0.99	1.1 J	2.3	0.53
Acetophenone	mg/kg	-	-	-	< 0.45 U	< 0.41 U	< 1 U	< 4 U	< 1 U	< 0.45 U
Anthracene	mg/kg	1000	100	100	41	42	11	78	28	5.5
Benz(a)anthracene	mg/kg	1	1	1	100	83	28	110	65	14
Benzaldehyde	mg/kg	-	-	-	0.32 J	0.09 J	0.37 J	< 4 U	0.63 J	0.071 J
Benzo(a)pyrene	mg/kg	22	1	1	90	71	25	93	56	13
Benzo(b)fluoranthene	mg/kg	2.1	1	1	110	83	31	110	69	15
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	42	32	11	43	23	5.5
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	46	36	13	47	30	7
Benzyl butyl phthalate	mg/kg	122	100	100	0.17 J	0.12 J	0.13 J	< 4 U	1.6	0.087 J
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.45 U	0.75	0.74	2.1 J	2.4	< 0.45 U
Carpolactam	mg/kg	-	-	-	< 0.45 U	< 0.41 U	< 1 U	< 4 U	< 1 U	< 0.45 U
Carbazole	mg/kg	-	-	-	19	20	5.6	30	13	3.3
Chrysene	mg/kg	1	1	1.2	99	78	27	110	60	14
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	8.7	3	2.8	11	5.2	2.8
Dibenzofuran	mg/kg	110	2.1	4.2	15	18	4.3	32	10	3.3
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.45 U	< 0.41 U	< 1 U	< 4 U	< 1 U	< 0.45 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.45 U	< 0.41 U	< 1 U	< 4 U	< 1 U	< 0.45 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.45 U	< 0.41 U	< 1 U	< 4 U	< 1 U	< 0.45 U
Fluoranthene	mg/kg	1000	85	100	210	180	58	240	110	31
Fluorene	mg/kg	386	30	100	27	31	7.7	48	18	5.1
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.16 U	< 0.14 U	< 0.18 U	< 0.14 U	< 0.23 U	< 0.079 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	2.4	40	14	50	30	6.9
Naphthalene	mg/kg	12	12	84	14	20	2.7	16	8.6	3.1
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.45 U	< 0.41 U	< 1 U	< 4 U	< 1 U	0.59
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.45 U	< 0.41 U	0.32 J	< 4 U	< 1 U	< 0.45 U
Phenanthrene	mg/kg	1000	1.1	1.2	190	180	51	280	99	29
Phenol	mg/kg	0.33	0.33	100	0.63	< 0.41 U	< 1 U	< 4 U	< 1 U	< 0.45 U
Pyrene	mg/kg	1000	64	100	240	190	60	280	120	34
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.11 UJ	< 0.096 UJ	< 0.12 UJ	< 0.095 UJ	< 0.15 UJ	< 0.053 UJ
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.11 U	< 0.096 U	< 0.12 U	< 0.095 U	< 0.15 U	< 0.053 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.11 U	< 0.096 U	< 0.12 U	< 0.095 U	< 0.15 U	< 0.053 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.13 U	< 0.12 U	< 0.15 U	< 0.12 U	< 0.19 U	< 0.066 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.13 U	< 0.12 U	< 0.15 U	< 0.12 U	< 0.19 U	< 0.066 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.13 U	< 0.12 U	< 0.15 U	< 0.12 U	< 0.19 U	< 0.066 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.13 U	< 0.12 U	< 0.15 U	< 0.12 U	< 0.19 U	< 0.066 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.11 U	< 0.096 U	< 0.12 U	< 0.095 U	< 0.15 U	< 0.053 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.13 U	< 0.12 U	< 0.15 U	< 0.12 U	< 0.19 U	< 0.066 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.21 U	< 0.19 U	< 0.24 U	< 0.19 U	< 0.3 U	< 0.11 U
Endrin	mg/kg	0.06	0.014	1.2	< 0.21 U	< 0.19 U	< 0.24 U	< 0.19 U	< 0.3 U	< 0.11 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-24			SS-24			SS-25			SS-25			SS-26			SS-26		
Sample Name		SS-24-0-2			SS-24-2-12			SS-25-0-2			SS-25-2-12			SS-26-0-2			SS-26-2-12		
Sample Date		12/5/2022			12/5/2022			12/5/2022			12/5/2022			12/5/2022			12/5/2022		
Sample Depth Interval (ft bgs)		0 - 0.2 ft			0.17 - 1 ft			0 - 0.2 ft			0.17 - 1 ft			0 - 0.2 ft			0.17 - 1 ft		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	< 0.21 U	< 0.19 U	< 0.24 U	< 0.19 U	< 0.3 U	< 0.11 U									
Endrin ketone	mg/kg	-	-	-	< 0.21 U	< 0.19 U	< 0.24 U	< 0.19 U	< 0.3 U	< 0.11 U									
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.053 U	< 0.048 U	< 0.059 U	< 0.048 U	< 0.075 U	< 0.026 U									
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA									
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.13 U	< 0.12 U	< 0.15 U	< 0.12 U	< 0.19 U	< 0.066 U									
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.13 U	< 0.12 U	< 0.15 U	< 0.12 U	< 0.19 U	< 0.066 U									
Methoxychlor	mg/kg	900	1.2	100	< 1 U	< 1 U	< 2 U	< 1 U	< 2 U	< 1 U									
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.11 U	< 0.096 U	< 0.12 U	< 0.095 U	< 0.15 U	< 0.11 U									
Aroclor 1248	mg/kg	-	-	-	0.25	0.27	0.25	0.28	0.39	0.13									
Aroclor 1254	mg/kg	-	-	-	0.37	0.42	0.44	0.42	0.57	0.21									
Aroclor 1260	mg/kg	-	-	-	0.3	0.32	0.35	0.34	0.43 J	0.13									
Aroclor 1268	mg/kg	-	-	-	< 0.11 U	< 0.096 U	< 0.12 U	< 0.095 U	< 0.15 U	< 0.11 U									
PCB (total)	mg/kg	3.2	0.1	1	0.92	1.01	1.04	1.04	1.39	0.47									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	4200	4500	5100	5600	7300	8600									
Antimony	mg/kg	-	12	-	< 2 U	< 2 U	< 2 U	< 2 U	< 3 U	< 2 U									
Arsenic	mg/kg	16	13	16	3.1 J	2.8 J	6	8.7	4.2 J	2.1 J									
Barium	mg/kg	820	410	410	54	52	140	230	130	40									
Beryllium	mg/kg	47	4.4	8.8	0.16 J	0.15 J	0.37	0.57	0.26 J	0.23									
Cadmium	mg/kg	7.5	2.5	2.5	1.4	1.1	0.55	0.3 J	2.2	0.56									
Calcium	mg/kg	-	10000	-	3200	2500	2100	2000	3700	4100									
Chromium (total)	mg/kg	19	1	1	11	17	12	18	16	12									
Cobalt	mg/kg	-	20	30	2.5	2.7	3.1	4.5	3.6	2.5									
Copper	mg/kg	1720	50	280	54	54	34	27	130	29									
Iron	mg/kg	-	2000	2000	10000	12000	12000	17000	16000	13000									
Lead	mg/kg	450	63	400	150	130	50	39	190	110									
Magnesium	mg/kg	-	-	-	1100	1200	1600	2400	1700	1500									
Manganese	mg/kg	2000	1600	2000	200	170	240	510	230	140									
Mercury	mg/kg	0.73	0.18	0.3	0.46	0.5	0.72	0.68	0.83	0.12									
Nickel	mg/kg	130	30	87	13	14	9.2	11	23	11									
Potassium	mg/kg	-	-	-	360	310	370	610	410	280									
Selenium	mg/kg	4	3.9	22	< 4 U	< 4 U	< 5 U	< 4 U	< 6 U	< 4 U									
Silver	mg/kg	8.3	2	22	< 0.44 U	< 0.39 U	< 0.48 U	< 0.39 U	< 1 U	< 0.43 U									
Sodium	mg/kg	-	-	-	< 220 U	< 190 U	110 J	160 J	< 300 U	< 210 U									
Thallium	mg/kg	-	5	-	< 2 U	< 2 U	< 2 U	< 2 U	< 3 U	< 2 U									
Vanadium	mg/kg	-	39	100	9.8	10	22	31	14	17									
Zinc	mg/kg	2480	109	1300	300	350	130	110	480	180									
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	< 0.15 U	0.21	0.35	0.21	0.27	0.2									
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

- (1) Protection of Groundwater SCOs
- (2) Unrestricted Use SCOs
- (3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface
NA - Non Analyzed, ND - Non Detect
B - Indicates the analyte is detected in the associate blank as well as in the sample.
J - Reported concentration is an estimated value.
J+ - Reported concentration is an estimated value, and may be biased high.
J- - Reported concentration is an estimated value, and may be biased low.
R - The result was rejected during validation.
U - Analyte was analyzed for but was not detected above the reported limit.
UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.
D - Result reported from a secondary dilution analysis.
NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-27	SS-27	SS-28	SS-28	SS-29	SS-29
Sample Name					SS-27-0-2	SS-27-2-12	SS-28-0-2	SS-28-2-12	SS-29-0-2	SS-29-2-12
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 0.031 U	< 0.023 U	< 0.028 U	< 0.02 U	< 0.043 U	< 0.028 U
Acetone	mg/kg	0.03	0.03	100	0.15 J	0.06 J	0.22	0.025 J	0.31	0.15
Chloroethane	mg/kg	1.9	1.9	-	< 0.031 U	< 0.023 U	< 0.028 U	< 0.02 U	< 0.043 U	< 0.028 U
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	0.016	< 0.0023 U	< 0.0028 U	< 0.002 U	< 0.0043 U	< 0.0028 U
Methyl Acetate	mg/kg	-	-	-	< 0.0031 U	< 0.0023 U	< 0.0028 U	< 0.002 U	< 0.0043 U	< 0.0028 U
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 0.062 U	< 0.046 U	0.023 J	< 0.039 U	< 0.086 U	< 0.056 U
Methylene chloride	mg/kg	0.05	0.05	17	< 0.031 U	< 0.023 U	< 0.028 U	< 0.02 U	< 0.043 U	< 0.028 U
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.0031 U	< 0.0023 U	< 0.0028 U	< 0.002 U	< 0.0043 U	< 0.0028 U
Toluene	mg/kg	0.7	0.7	100	0.0023 J	< 0.0023 U	0.0012 J	< 0.002 U	0.0012 J	< 0.0028 U
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 1 U	0.075 J	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.22 U	0.23	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 1 U	0.15 J	< 1 U	< 1 U	< 1 U	< 1 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
Acenaphthene	mg/kg	98	20	100	0.095 J	0.57	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Acenaphthylene	mg/kg	365	100	100	< 0.22 U	< 0.21 U	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Acetophenone	mg/kg	-	-	-	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
Anthracene	mg/kg	1000	100	100	0.17 J	0.83	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Benz(a)anthracene	mg/kg	1	1	1	0.5	1.9	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Benzaldehyde	mg/kg	-	-	-	0.27 J	< 0.43 U	0.2 J	0.052 J	0.56	< 0.42 U
Benzo(a)pyrene	mg/kg	22	1	1	0.47	1.7	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	0.6	2	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	0.33	1.1	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	0.25	0.84	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Benzyl butyl phthalate	mg/kg	122	100	100	0.37 J	0.66	2	0.3 J	< 0.49 U	< 0.42 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	110	4.9	20	0.64	< 0.49 U	< 0.42 U
Carpolactam	mg/kg	-	-	-	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
Carbazole	mg/kg	-	-	-	0.1 J	0.51	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Chrysene	mg/kg	1	1	1.2	0.51	1.9	0.088 J	< 0.21 U	< 0.24 U	< 0.21 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.22 U	0.11 J	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.44 U	0.42 J	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.44 U	< 0.43 U	0.24 J	< 0.42 U	< 0.49 U	< 0.42 U
Di-n-octyl phthalate	mg/kg	120	100	100	1.6	0.36 J	4.2	< 0.42 U	< 0.49 U	< 0.42 U
Fluoranthene	mg/kg	1000	85	100	1.2	4.7	0.11 J	< 0.21 U	0.096 J	< 0.21 U
Fluorene	mg/kg	386	30	100	0.11 J	0.7	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.039 U	< 0.0076 U	< 0.042 U	< 0.0074 U	< 0.0086 U	< 0.0075 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	0.37	1.2	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Naphthalene	mg/kg	12	12	84	< 0.22 U	0.49	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
Phenanthrene	mg/kg	1000	1.1	1.2	0.78	4.2	< 0.24 U	< 0.21 U	< 0.24 U	< 0.21 U
Phenol	mg/kg	0.33	0.33	100	< 0.44 U	< 0.43 U	< 0.47 U	< 0.42 U	< 0.49 U	< 0.42 U
Pyrene	mg/kg	1000	64	100	1.1	4.6	0.16 J	< 0.21 U	0.12 J	< 0.21 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.026 UJ	< 0.005 UJ	< 0.028 UJ	< 0.0049 UJ	< 0.0057 UJ	< 0.005 UJ
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.026 U	< 0.005 U	< 0.028 U	< 0.0049 U	0.0046 J	< 0.005 U
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.026 U	< 0.005 U	< 0.028 U	< 0.0049 U	< 0.0057 U	< 0.005 U
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.033 U	< 0.0063 U	< 0.035 U	< 0.0062 U	< 0.0071 U	< 0.0062 U
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.033 U	< 0.0063 U	< 0.035 U	< 0.0062 U	< 0.0071 U	< 0.0062 U
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.033 U	< 0.0063 U	< 0.035 U	< 0.0062 U	< 0.0071 U	< 0.0062 U
delta-BHC	mg/kg	0.1	0.04	100	< 0.033 U	< 0.0063 U	< 0.035 U	< 0.0062 U	< 0.0071 U	< 0.0062 U
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.026 U	< 0.005 U	< 0.028 U	< 0.0049 U	< 0.0057 U	< 0.005 U
Endosulfan I	mg/kg	65	4.3	8.4	< 0.033 U	< 0.0063 U	< 0.035 U	< 0.0062 U	< 0.0071 U	< 0.0062 U
Endosulfan II	mg/kg	44	4.3	8.4	< 0.052 U	< 0.01 U	< 0.056 U	< 0.0099 U	< 0.011 U	< 0.0099 U
Endrin	mg/kq	0.06	0.014	1.2	< 0.052 U	< 0.01 U	< 0.056 U	< 0.0099 U	< 0.011 U	< 0.0099 U

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-27			SS-27			SS-28			SS-28			SS-29			SS-29		
Sample Name		SS-27-0-2			SS-27-2-12			SS-28-0-2			SS-28-2-12			SS-29-0-2			SS-29-2-12		
Sample Date		12/5/2022			12/5/2022			12/5/2022			12/5/2022			12/5/2022			12/5/2022		
Sample Depth Interval (ft bgs)		0 - 0.2 ft			0.17 - 1 ft			0 - 0.2 ft			0.17 - 1 ft			0 - 0.2 ft			0.17 - 1 ft		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	< 0.052 U	< 0.01 U	< 0.056 U	< 0.0099 U	< 0.011 U	< 0.0099 U									
Endrin ketone	mg/kg	-	-	-	< 0.052 U	< 0.01 U	< 0.056 U	< 0.0099 U	< 0.011 U	< 0.0099 U									
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.013 U	< 0.0025 U	< 0.014 U	< 0.0025 U	< 0.0029 U	< 0.0025 U									
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA									
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.033 U	< 0.0063 U	< 0.035 U	< 0.0062 U	< 0.0071 U	< 0.0062 U									
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.033 U	< 0.0063 U	< 0.035 U	< 0.0062 U	< 0.0071 U	< 0.0062 U									
Methoxychlor	mg/kg	900	1.2	100	< 0.33 U	< 0.063 U	< 0.35 U	< 0.062 U	< 0.071 U	< 0.062 U									
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.1 U	< 0.1 U	< 0.11 U	< 0.099 U	< 0.11 U	< 0.099 U									
Aroclor 1248	mg/kg	-	-	-	1.7	0.17	0.55	0.038 J	< 0.11 U	< 0.099 U									
Aroclor 1254	mg/kg	-	-	-	1.8	0.25	1	0.064 J	< 0.11 U	< 0.099 U									
Aroclor 1260	mg/kg	-	-	-	0.39	0.081 J	0.34	< 0.099 U	< 0.11 U	< 0.099 U									
Aroclor 1268	mg/kg	-	-	-	< 0.1 U	< 0.1 U	< 0.11 U	< 0.099 U	< 0.11 U	< 0.099 U									
PCB (total)	mg/kg	3.2	0.1	1	3.89	0.50	1.89	0.102	ND	ND									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	2800	3400	3300	970	2800	7700									
Antimony	mg/kg	-	12	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U									
Arsenic	mg/kg	16	13	16	1.6 J	1 J	2.5 J	1 J	3.2 J	0.84 J									
Barium	mg/kg	820	410	410	35	51	130	27	18	9.6									
Beryllium	mg/kg	47	4.4	8.8	0.1 J	0.11 J	0.13 J	0.055 J	0.13 J	0.16 J									
Cadmium	mg/kg	7.5	2.5	2.5	0.86	3.2	6	0.75	0.34 J	< 0.41 U									
Calcium	mg/kg	-	10000	-	1300	1300	3200	1000	310	46 B									
Chromium (total)	mg/kg	19	1	1	4.5	7.2	15	2.7	3.9	5.9									
Cobalt	mg/kg	-	20	30	1.1 J	1.6 J	4.1	0.63 J	0.73 J	1.4 J									
Copper	mg/kg	1720	50	280	39	57	310	27	9.2	2.4									
Iron	mg/kg	-	2000	2000	7200	11000	22000	4300	5600	10000									
Lead	mg/kg	450	63	400	48	79	260	43	40	5.3									
Magnesium	mg/kg	-	-	-	420	520	750	230	250	680									
Manganese	mg/kg	2000	1600	2000	79	93	230	33	57	86									
Mercury	mg/kg	0.73	0.18	0.3	0.083	0.11	0.19	0.05	0.077	0.068									
Nickel	mg/kg	130	30	87	5.7	10	91	4.1	3.5	3.1									
Potassium	mg/kg	-	-	-	160 J	140 J	260	64 J	230 J	130 J									
Selenium	mg/kg	4	3.9	22	< 4 U	< 4 U	< 4 U	< 4 U	< 5 U	< 4 U									
Silver	mg/kg	8.3	2	22	< 0.42 U	< 0.4 U	< 0.45 U	< 0.41 U	< 0.47 U	< 0.41 U									
Sodium	mg/kg	-	-	-	< 210 U	< 200 U	< 230 U	< 200 U	< 230 U	< 200 U									
Thallium	mg/kg	-	5	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U									
Vanadium	mg/kg	-	39	100	7.5	8.6	9	4.1	10	13									
Zinc	mg/kg	2480	109	1300	150	260	1400	160	21	12									
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	0.23	0.21	0.56	0.14	0.62	0.29									
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-30	SS-30	SS-31	SS-31	SS-32	SS-32
Sample Name					SS-30-0-2	SS-30-2-12	SS-31-0-2	SS-31-2-12	SS-32-0-2	SS-32-2-12
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	< 1 U	< 0.023 UJ	< 0.044 UJ	< 0.025 UJ	NA	NA
Acetone	mg/kg	0.03	0.03	100	0.32 J	0.04 J	0.24	0.15	NA	NA
Chloroethane	mg/kg	1.9	1.9	-	< 0.28 U	< 0.023 UJ	< 0.044 UJ	< 0.025 UJ	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	< 0.14 U	< 0.0023 U	< 0.0044 U	< 0.0025 U	NA	NA
Methyl Acetate	mg/kg	-	-	-	1.5	< 0.0023 U	< 0.0044 U	0.0068	NA	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	< 3 U	< 0.045 U	0.019 J	0.011 J	NA	NA
Methylene chloride	mg/kg	0.05	0.05	17	< 1 U	< 0.023 U	< 0.044 U	< 0.025 U	NA	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	< 0.14 U	< 0.0023 U	< 0.0044 U	< 0.0025 U	NA	NA
Toluene	mg/kg	0.7	0.7	100	< 0.14 U	< 0.0023 U	< 0.0044 U	< 0.0025 U	NA	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 1 U	< 1 U	< 1 U	< 1 U	< 0.74 U	< 0.75 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	< 0.11 U	< 0.062 U	< 0.098 U	< 0.066 U	NA	NA
2,4-Dimethylphenol	mg/kg	-	-	-	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	< 0.19 U	< 0.19 U
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 1 U	< 1 U	< 1 U	< 1 U	< 0.73 U	< 0.74 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
Acenaphthene	mg/kg	98	20	100	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	< 0.19 U	< 0.19 U
Acenaphthylene	mg/kg	365	100	100	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	< 0.19 U	< 0.19 U
Acetophenone	mg/kg	-	-	-	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
Anthracene	mg/kg	1000	100	100	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	< 0.19 U	< 0.19 U
Benz(a)anthracene	mg/kg	1	1	1	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	0.19 J	< 0.19 U
Benzaldehyde	mg/kg	-	-	-	0.84	< 0.42 U	0.12 J	< 0.45 U	< 0.38 U	< 0.38 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	0.2	< 0.19 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	0.28	< 0.19 U
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	0.12 J	< 0.19 U
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	0.11 J	< 0.19 U
Benzyl butyl phthalate	mg/kg	122	100	100	< 1 U	< 0.42 U	< 1 U	< 0.45 U	0.44	< 0.38 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 1 UJ	< 0.42 UJ	< 1 U	< 0.45 U	3.5	0.49
Carpolactam	mg/kg	-	-	-	< 1 UJ	< 0.42 UJ	0.29 J	0.075 J	< 0.38 U	< 0.38 U
Carbazole	mg/kg	-	-	-	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	< 0.19 U	< 0.19 U
Chrysene	mg/kg	1	1	1.2	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	0.2	< 0.19 U
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	< 0.19 U	< 0.19 U
Dibenzofuran	mg/kg	110	2.1	4.2	< 1 U	< 0.42 U	0.16 J	< 0.45 U	< 0.38 U	< 0.38 U
Diethyl phthalate	mg/kg	7.1	7.1	100	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
Fluoranthene	mg/kg	1000	85	100	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	0.29	< 0.19 U
Fluorene	mg/kg	386	30	100	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	< 0.19 U	< 0.19 U
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.013 U	< 0.0074 U	< 0.012 U	< 0.008 U	< 0.38 U	< 0.38 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	0.11 J	< 0.19 U
Naphthalene	mg/kg	12	12	84	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	< 0.19 U	< 0.19 U
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 1 U	< 0.42 UJ	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	0.2	< 0.19 U
Phenol	mg/kg	0.33	0.33	100	< 1 U	< 0.42 U	< 1 U	< 0.45 U	< 0.38 U	< 0.38 U
Pyrene	mg/kg	1000	64	100	< 0.36 U	< 0.21 U	< 0.33 U	< 0.23 U	0.37	< 0.19 U
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	< 0.0084 U	< 0.0049 U	< 0.0078 U	< 0.0053 U	NA	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	< 0.0084 U	< 0.0049 U	< 0.0078 U	< 0.0053 U	NA	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	< 0.0084 U	< 0.0049 U	< 0.0078 U	< 0.0053 U	NA	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	< 0.011 U	< 0.0062 U	< 0.0098 U	< 0.0066 U	NA	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	< 0.011 U	< 0.0062 U	< 0.0098 U	< 0.0066 U	NA	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	< 0.011 U	< 0.0062 U	< 0.0098 U	< 0.0066 U	NA	NA
delta-BHC	mg/kg	0.1	0.04	100	< 0.011 U	< 0.0062 U	< 0.0098 U	< 0.0066 U	NA	NA
Dieldrin	mg/kg	0.1	0.005	0.017	< 0.0084 U	< 0.0049 U	< 0.0078 U	< 0.0053 U	NA	NA
Endosulfan I	mg/kg	65	4.3	8.4	< 0.011 U	< 0.0062 U	< 0.0098 U	< 0.0066 U	NA	NA
Endosulfan II	mg/kg	44	4.3	8.4	< 0.017 U	< 0.0099 U	< 0.016 U	< 0.011 U	NA	NA
Endrin	ma/kg	0.06	0.014	1.2	< 0.017 U	< 0.0099 U	< 0.016 U	< 0.011 U	NA	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-30			SS-30			SS-31			SS-31			SS-32		
Sample Name		SS-30-0-2			SS-30-2-12			SS-31-0-2			SS-31-2-12			SS-32-0-2		
Sample Date		12/5/2022			12/5/2022			12/5/2022			12/5/2022			5/16/2023		
Sample Depth Interval (ft bgs)		0 - 0.2 ft			0.17 - 1 ft			0 - 0.2 ft			0.17 - 1 ft			0 - 0.2 ft		
Analyte	Unit	Criteria														
		(1)	(2)	(3)												
Endrin aldehyde	mg/kg	-	-	-	< 0.017 U	< 0.0099 U	< 0.016 U	< 0.011 U	NA	NA						
Endrin ketone	mg/kg	-	-	-	< 0.017 U	< 0.0099 U	< 0.016 U	< 0.011 U	NA	NA						
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	< 0.0042 UJ	< 0.0025 UJ	< 0.0039 UJ	< 0.0027 UJ	NA	NA						
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA						
Heptachlor	mg/kg	0.38	0.013	0.12	< 0.011 U	< 0.0062 U	< 0.0098 U	< 0.0066 U	NA	NA						
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	< 0.011 U	< 0.0062 U	< 0.0098 U	< 0.0066 U	NA	NA						
Methoxychlor	mg/kg	900	1.2	100	< 0.11 U	< 0.062 U	< 0.098 U	< 0.066 U	NA	NA						
Polychlorinated Biphenyls (PCBs)																
Aroclor 1242	mg/kg	-	-	-	< 0.17 U	< 0.099 U	< 0.16 U	< 0.11 U	NA	NA						
Aroclor 1248	mg/kg	-	-	-	< 0.17 U	< 0.099 U	< 0.16 U	< 0.11 U	NA	NA						
Aroclor 1254	mg/kg	-	-	-	< 0.17 U	< 0.099 U	< 0.16 U	< 0.11 U	NA	NA						
Aroclor 1260	mg/kg	-	-	-	0.069 J	< 0.099 U	< 0.16 U	< 0.11 U	NA	NA						
Aroclor 1268	mg/kg	-	-	-	< 0.17 U	< 0.099 U	< 0.16 U	< 0.11 U	NA	NA						
PCB (total)	mg/kg	3.2	0.1	1	0.069	ND	ND	ND	NA	NA						
Metals and Inorganics																
Aluminum	mg/kg	-	10000	-	3000	1200	1900	9100	4700	3400						
Antimony	mg/kg	-	12	-	< 4 U	< 2 U	< 3 U	< 2 U	< 1.8 U	< 1.8 U						
Arsenic	mg/kg	16	13	16	4.2 J	1.2 J	2.9 J	2.1 J	1.5 J	1.3 J						
Barium	mg/kg	820	410	410	120 J	9.4	17	8.8	50	22						
Beryllium	mg/kg	47	4.4	8.8	0.27 J	0.092 J	0.12 J	0.17 J	0.13 J	0.071 J						
Cadmium	mg/kg	7.5	2.5	2.5	1.8	< 0.41 U	0.34 J	< 0.42 U	0.92	0.38						
Calcium	mg/kg	-	10000	-	2800	150	250	42	3300	1400						
Chromium (total)	mg/kg	19	1	1	4.1	1.7	2.9	7.5	10	5.3						
Cobalt	mg/kg	-	20	30	1.4 J	< 2 U	0.62 J	0.98 J	2.9	1.6 J						
Copper	mg/kg	1720	50	280	26	1.5 B	5.1 B	2.7 B	45	21						
Iron	mg/kg	-	2000	2000	4400	4700	6100	12000	13000	9000						
Lead	mg/kg	450	63	400	93 J	2.9	21	4	54	18						
Magnesium	mg/kg	-	-	-	280	63	130	660	1800	560						
Manganese	mg/kg	2000	1600	2000	92	7	28	38	190	91						
Mercury	mg/kg	0.73	0.18	0.3	0.13	0.031 J	0.12	0.14	0.097	0.044						
Nickel	mg/kg	130	30	87	9.8	0.44 J	2.3	2.2	9.9	5.1						
Potassium	mg/kg	-	-	-	380	76 J	180 J	140 J	330	210						
Selenium	mg/kg	4	3.9	22	< 7 U	< 4 U	< 6 U	< 4 U	< 3.6 U	< 3.7 U						
Silver	mg/kg	8.3	2	22	< 1 U	< 0.41 U	< 1 U	< 0.42 U	< 0.36 U	< 0.37 U						
Sodium	mg/kg	-	-	-	< 350 U	< 210 U	< 310 U	< 210 U	< 180 U	< 180 U						
Thallium	mg/kg	-	5	-	< 4 U	< 2 U	< 3 U	< 2 U	< 1.8 U	< 1.8 U						
Vanadium	mg/kg	-	39	100	13	13	13	14	8.1	7.4						
Zinc	mg/kg	2480	109	1300	77	5.3	20	13	240	110						
Miscellaneous																
Cyanide	mg/kg	40	2.3	2.6	0.75	0.58	0.61	0.24	NA	NA						
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA						

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-32	SS-33	SS-33	SS-33	SS-34	SS-34
Sample Name					SS-32-12-24	SS-33-0-2	SS-33-2-12	SS-33-12-24	SS-34-0-2	SS-84-0-2
Sample Date					5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					1 - 2 ft	0 - 0.2 ft	0.17 - 1 ft	1 - 2 ft	0 - 0.2 ft	0 - 2 ft
Analyte	Unit	Criteria								Field Duplicate
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	1.9	1.9	-	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.76 U	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.38 U	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.19 U	NA	NA	NA	NA	NA
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.38 U	NA	NA	NA	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.38 U	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.38 U	NA	NA	NA	NA	NA
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.75 U	NA	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.38 U	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	98	20	100	< 0.19 U	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	365	100	100	< 0.19 U	NA	NA	NA	NA	NA
Acetophenone	mg/kg	-	-	-	< 0.38 U	NA	NA	NA	NA	NA
Anthracene	mg/kg	1000	100	100	< 0.19 U	NA	NA	NA	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	< 0.19 U	NA	NA	NA	NA	NA
Benzaldehyde	mg/kg	-	-	-	< 0.38 U	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 0.19 U	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.19 U	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.19 U	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.19 U	NA	NA	NA	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.38 U	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.38 U	NA	NA	NA	NA	NA
Carpolactam	mg/kg	-	-	-	< 0.38 U	NA	NA	NA	NA	NA
Carbazole	mg/kg	-	-	-	< 0.19 U	NA	NA	NA	NA	NA
Chrysene	mg/kg	1	1	1.2	< 0.19 U	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.19 U	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.38 U	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.38 U	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.38 U	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.38 U	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	1000	85	100	< 0.19 U	NA	NA	NA	NA	NA
Fluorene	mg/kg	386	30	100	< 0.19 U	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.38 U	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.19 U	NA	NA	NA	NA	NA
Naphthalene	mg/kg	12	12	84	< 0.19 U	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.38 U	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.38 U	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.19 U	NA	NA	NA	NA	NA
Phenol	mg/kg	0.33	0.33	100	< 0.38 U	NA	NA	NA	NA	NA
Pyrene	mg/kg	1000	64	100	< 0.19 U	NA	NA	NA	NA	NA
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	NA	NA	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	0.06	0.014	1.2	NA	NA	NA	NA	NA	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-32			SS-33			SS-34		
Sample Name		SS-32-12-24			SS-33-0-2			SS-34-0-2		
Sample Date		5/16/2023			5/16/2023			5/16/2023		
Sample Depth Interval (ft bgs)		1 - 2 ft			0 - 0.2 ft			0 - 0.2 ft		
Analyte	Unit	Criteria								Field Duplicate
		(1)	(2)	(3)						
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)										
Aroclor 1242	mg/kg	-	-	-	NA	< 0.086 U	< 0.087 U	< 0.087 U	NA	NA
Aroclor 1248	mg/kg	-	-	-	NA	0.19	0.12	< 0.087 U	NA	NA
Aroclor 1254	mg/kg	-	-	-	NA	0.36	0.28	< 0.087 U	NA	NA
Aroclor 1260	mg/kg	-	-	-	NA	0.14	0.14	< 0.087 U	NA	NA
Aroclor 1268	mg/kg	-	-	-	NA	< 0.086 U	0.069 J	< 0.087 U	NA	NA
PCB (total)	mg/kg	3.2	0.1	1	NA	0.69	0.61	< 0.087 U	NA	NA
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	6100	4100	3900	2500	3900	3800
Antimony	mg/kg	-	12	-	< 1.8 U	< 1.8 UJ	< 1.8 U	< 1.8 U	< 1.7 U	< 1.7 U
Arsenic	mg/kg	16	13	16	0.98 J	1.3 J	1.2 J	1.1 J	0.99 J	1.1 J
Barium	mg/kg	820	410	410	8.7	54 J-	61	8	31	33
Beryllium	mg/kg	47	4.4	8.8	0.087 J	0.11 J	0.11 J	0.071 J	0.11 J	0.11 J
Cadmium	mg/kg	7.5	2.5	2.5	< 0.37 U	1.5	1.4	< 0.36 U	0.46	0.45
Calcium	mg/kg	-	10000	-	440	1200	1200	270	1000	980
Chromium (total)	mg/kg	19	1	1	4.3	9.3	8.7	3.4	5.2	5.4
Cobalt	mg/kg	-	20	30	1.4 J	2.9	3	1.6 J	2.2	2.1
Copper	mg/kg	1720	50	280	2.5	57	59	5	23	23
Iron	mg/kg	-	2000	2000	7500	11000	10000	4300	7400	6900
Lead	mg/kg	450	63	400	1.8	77	76	0.98	34	34
Magnesium	mg/kg	-	-	-	650	930	1000	800	920	870
Manganese	mg/kg	2000	1600	2000	78	160	160	170	160	160
Mercury	mg/kg	0.73	0.18	0.3	0.021 J	0.2 J-	0.1	< 0.028 U	0.087	0.1
Nickel	mg/kg	130	30	87	3.3	12	12	3.6	7.2	7.1
Potassium	mg/kg	-	-	-	180 J	290	290	250	310	310
Selenium	mg/kg	4	3.9	22	< 3.7 U	< 3.6 U	< 3.5 U	< 3.6 U	< 3.4 U	< 3.4 U
Silver	mg/kg	8.3	2	22	< 0.37 U	< 0.36 U	< 0.35 U	< 0.36 U	< 0.34 U	< 0.34 U
Sodium	mg/kg	-	-	-	< 180 U	< 180 U	< 180 U	< 180 U	< 170 U	< 170 U
Thallium	mg/kg	-	5	-	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.7 U	< 1.7 U
Vanadium	mg/kg	-	39	100	6.9	6.8	6.5	4.3	6.2	5.8
Zinc	mg/kg	2480	109	1300	12	280	260	8	100	97
Miscellaneous										
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-34	SS-34	SS-35	SS-35	SS-35	SS-36
Sample Name					SS-34-2-12	SS-34-12-24	SS-35-0-2	SS-35-2-12	SS-35-12-24	SS-36-0-2
Sample Date					5/16/2023	5/16/2023	5/16/2023	6/2/2023	6/2/2023	5/16/2023
Sample Depth Interval (ft bgs)					0.17 - 1 ft	1 - 2 ft	0 - 0.17 ft	0.17 - 1 ft	1 - 2 ft	0 - 0.2 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	1.9	1.9	-	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	NA	NA	0.17 J	< 0.8 U	< 0.8 U	0.83 J
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	-	-	-	NA	NA	< 0.37 U	< 0.41 U	< 0.41 U	< 0.9 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA	NA	0.49	0.26	< 0.2 U	2.8
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA	NA	< 0.37 U	< 0.41 U	< 0.41 U	< 0.9 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA	NA	0.083 J	0.16 J	< 0.41 U	0.43 J
3-Nitroaniline	mg/kg	0.5	0.5	-	NA	NA	< 0.37 U	< 0.41 U	< 0.41 U	< 0.9 U
4-Chloroaniline	mg/kg	0.22	0.22	100	NA	NA	< 0.72 U	< 0.79 U	< 0.79 U	< 1.8 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	NA	NA	< 0.37 U	< 0.41 U	< 0.41 U	< 0.9 U
Acenaphthene	mg/kg	98	20	100	NA	NA	1.7	0.14 J	< 0.2 U	9.6
Acenaphthylene	mg/kg	365	100	100	NA	NA	0.26	0.12 J	< 0.2 U	1.8
Acetophenone	mg/kg	-	-	-	NA	NA	< 0.37 U	< 0.41 U	< 0.41 U	< 0.9 U
Anthracene	mg/kg	1000	100	100	NA	NA	4.7	0.41	< 0.2 U	19
Benz(a)anthracene	mg/kg	1	1	1	NA	NA	8.5	1.6	< 0.2 U	41
Benzaldehyde	mg/kg	-	-	-	NA	NA	< 0.37 U	0.074 J	< 0.41 U	0.15 J
Benzo(a)pyrene	mg/kg	22	1	1	NA	NA	7.2	1.7	< 0.2 U	38
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA	NA	8.8	2	< 0.2 U	47
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA	NA	4.4	0.8	< 0.2 U	14
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA	NA	3.1	0.83	< 0.2 U	18
Benzyl butyl phthalate	mg/kg	122	100	100	NA	NA	0.28 J	< 0.41 U	< 0.41 U	< 0.9 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA	NA	0.45	< 0.41 U	< 0.41 U	1.2
Carpolactam	mg/kg	-	-	-	NA	NA	< 0.37 U	< 0.41 U	< 0.41 U	< 0.9 U
Carbazole	mg/kg	-	-	-	NA	NA	1.9	0.15 J	< 0.2 U	11
Chrysene	mg/kg	1	1	1.2	NA	NA	7.9	1.6	< 0.2 U	40
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA	NA	1.4	0.2 J	< 0.2 U	7.9
Dibenzofuran	mg/kg	110	2.1	4.2	NA	NA	1.3	0.11 J	< 0.41 U	6.6
Diethyl phthalate	mg/kg	7.1	7.1	100	NA	NA	0.13 J	< 0.41 U	< 0.41 U	< 0.9 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA	NA	< 0.37 U	< 0.41 U	< 0.41 U	< 0.9 U
Di-n-octyl phthalate	mg/kg	120	100	100	NA	NA	< 0.37 U	< 0.41 U	< 0.41 U	< 0.9 U
Fluoranthene	mg/kg	1000	85	100	NA	NA	19	2.9	< 0.2 U	85
Fluorene	mg/kg	386	30	100	NA	NA	2.5	0.16 J	< 0.2 U	11
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA	NA	0.16 J	< 0.41 U	< 0.41 U	< 0.9 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA	NA	4.5	0.87	< 0.2 U	16
Naphthalene	mg/kg	12	12	84	NA	NA	1.1	0.27	< 0.2 U	6.4
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	NA	NA	< 0.37 U	< 0.41 U	< 0.41 U	< 0.9 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA	NA	< 0.37 U	0.1 J	< 0.41 U	< 0.9 U
Phenanthrene	mg/kg	1000	1.1	1.2	NA	NA	19	1.8	< 0.2 U	79
Phenol	mg/kg	0.33	0.33	100	NA	NA	< 0.37 U	< 0.41 U	< 0.41 U	0.26 J
Pyrene	mg/kg	1000	64	100	NA	NA	20	3.5	< 0.2 U	94
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	NA	NA	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	0.06	0.014	1.2	NA	NA	NA	NA	NA	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-34			SS-34			SS-35			SS-35			SS-35			SS-36		
Sample Name		SS-34-2-12			SS-34-12-24			SS-35-0-2			SS-35-2-12			SS-35-12-24			SS-36-0-2		
Sample Date		5/16/2023			5/16/2023			5/16/2023			6/2/2023			6/2/2023			5/16/2023		
Sample Depth Interval (ft bgs)		0.17 - 1 ft			1 - 2 ft			0 - 0.17 ft			0.17 - 1 ft			1 - 2 ft			0 - 0.2 ft		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	NA	NA	< 0.43 U	< 0.097 U	< 0.095 U	< 0.11 U									
Aroclor 1248	mg/kg	-	-	-	NA	NA	< 0.43 U	< 0.097 U	< 0.095 U	0.18 J+									
Aroclor 1254	mg/kg	-	-	-	NA	NA	2.8	< 0.097 U	< 0.095 U	0.39 J+									
Aroclor 1260	mg/kg	-	-	-	NA	NA	1.8	< 0.097 U	< 0.095 U	0.22 J+									
Aroclor 1268	mg/kg	-	-	-	NA	NA	< 0.43 U	< 0.097 U	< 0.095 U	< 0.11 U									
PCB (total)	mg/kg	3.2	0.1	1	NA	NA	4.6	ND	ND	0.79									
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	2900	3100	6000	11000	11000	3000									
Antimony	mg/kg	-	12	-	< 1.7 U	< 1.7 U	2.7	< 1.9 U	< 1.9 U	< 2.2 U									
Arsenic	mg/kg	16	13	16	0.72 J	0.74 J	4.3	5	6.2	3 J									
Barium	mg/kg	820	410	410	18	21	140	50	53	77									
Beryllium	mg/kg	47	4.4	8.8	0.11 J	0.14 J	0.16 J	0.52	0.55	0.11 J									
Cadmium	mg/kg	7.5	2.5	2.5	< 0.34 U	< 0.34 U	4	0.49	0.52	1.3									
Calcium	mg/kg	-	10000	-	500	560	10000	3100	3300	5500									
Chromium (total)	mg/kg	19	1	1	2.9	3.2	42	13	13	8.9									
Cobalt	mg/kg	-	20	30	1.7	1.9	4.7	5.6	6.1	1.8 J									
Copper	mg/kg	1720	50	280	5.3	4.9	180	13	15	29									
Iron	mg/kg	-	2000	2000	5000	5300	22000	17000	16000	8000									
Lead	mg/kg	450	63	400	1	0.6	610	28	30	140									
Magnesium	mg/kg	-	-	-	870	1100	2000	3600	3600	810									
Manganese	mg/kg	2000	1600	2000	170	170	290	800	830	250									
Mercury	mg/kg	0.73	0.18	0.3	< 0.027 U	< 0.028 U	3.6	0.064 J+	0.067 J+	0.26									
Nickel	mg/kg	130	30	87	4	4.6	31	12	13	7.7									
Potassium	mg/kg	-	-	-	420	440	370	890	950	190 J									
Selenium	mg/kg	4	3.9	22	< 3.4 U	< 3.4 U	< 3.4 U	< 3.8 U	< 3.7 U	< 4.4 U									
Silver	mg/kg	8.3	2	22	< 0.34 U	< 0.34 U	0.16 J	< 0.38 U	< 0.37 U	< 0.44 U									
Sodium	mg/kg	-	-	-	< 170 U	< 170 U	< 170 U	< 190 U	38 J	< 220 U									
Thallium	mg/kg	-	5	-	< 1.7 U	< 1.7 U	< 1.7 U	< 1.9 U	< 1.9 U	< 2.2 U									
Vanadium	mg/kg	-	39	100	4.4	4.4	12	20	21	9.5									
Zinc	mg/kg	2480	109	1300	8.6	8.3	960	94	99	200									
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA									
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA									

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-36	SS-36	SS-36	SS-37	SS-37	SS-37
Sample Name					SS-86-0-2	SS-36-2-12	SS-36-12-24	SS-37-0-2	SS-37-2-12	SS-37-12-24
Sample Date					5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					0 - 2 ft	0.17 - 1 ft	1 - 2 ft	0 - 0.2 ft	0.17 - 1 ft	1 - 2 ft
Analyte	Unit	Criteria			Field Duplicate					
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	1.9	1.9	-	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	1.1	< 0.77 U	< 0.77 U	4.1 J	7 J	0.24 J
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.46 U	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	3.9	0.18 J	< 0.19 U	14	25	0.8
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	0.11 J	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	0.36 J	< 0.39 U	< 0.39 U	1.8 J	1.1 J	0.11 J
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.46 U	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.89 U	< 0.75 U	< 0.75 U	< 7.6 U	< 7.6 U	< 0.76 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.46 U	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
Acenaphthene	mg/kg	98	20	100	13	0.42	< 0.19 U	43	72	2
Acenaphthylene	mg/kg	365	100	100	2.5	0.12 J	< 0.19 U	14	4	0.27
Acetophenone	mg/kg	-	-	-	< 0.46 U	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
Anthracene	mg/kg	1000	100	100	22	0.62	< 0.19 U	72	130	3
Benz(a)anthracene	mg/kg	1	1	1	41	1.1	< 0.19 U	140	230	5.9
Benzaldehyde	mg/kg	-	-	-	0.12 J	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
Benzo(a)pyrene	mg/kg	22	1	1	38	1	< 0.19 U	130	200	5.5
Benzo(b)fluoranthene	mg/kg	2.1	1	1	50	1.3	< 0.19 U	160	250	7.1
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	20	0.93	< 0.19 U	89	57	3.9
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	21	0.54	< 0.19 U	69	110	2.9
Benzyl butyl phthalate	mg/kg	122	100	100	0.19 J	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	0.36 J	< 0.39 U	< 0.39 U	1.8 J	1.1 J	< 0.39 U
Carpolactam	mg/kg	-	-	-	< 0.46 U	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
Carbazole	mg/kg	-	-	-	11	0.35	< 0.19 U	37	49	1.6
Chrysene	mg/kg	1	1	1.2	40	1.1	< 0.19 U	140	220	5.7
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	5.3	0.17 J	< 0.19 U	16	37	1
Dibenzofuran	mg/kg	110	2.1	4.2	8.2	0.31 J	< 0.39 U	30	50	1.4
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.46 U	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.46 U	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
Di-n-octyl phthalate	mg/kg	120	100	100	NA	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
Fluoranthene	mg/kg	1000	85	100	110	2.1	< 0.19 U	440	460	11
Fluorene	mg/kg	386	30	100	14	0.46	< 0.19 U	41	80	2.2
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.46 U	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	22	0.74	< 0.19 U	88	74	4.1
Naphthalene	mg/kg	12	12	84	7.2	0.35	< 0.19 U	23	51	1.8
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.46 U	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.46 U	< 0.39 U	< 0.39 U	< 3.9 U	< 3.9 U	< 0.39 U
Phenanthrene	mg/kg	1000	1.1	1.2	90	2.5	< 0.19 U	280	560	12
Phenol	mg/kg	0.33	0.33	100	0.24 J	< 0.39 U	< 0.39 U	1.2 J	< 3.9 U	< 0.39 U
Pyrene	mg/kg	1000	64	100	82	2.3	< 0.19 U	300	600	13
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	NA	NA	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	0.06	0.014	1.2	NA	NA	NA	NA	NA	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-36			SS-36			SS-36			SS-37			SS-37			SS-37		
Sample Name		SS-86-0-2			SS-36-2-12			SS-36-12-24			SS-37-0-2			SS-37-2-12			SS-37-12-24		
Sample Date		5/16/2023			5/16/2023			5/16/2023			5/16/2023			5/16/2023			5/16/2023		
Sample Depth Interval (ft bgs)		0 - 2 ft			0.17 - 1 ft			1 - 2 ft			0 - 0.2 ft			0.17 - 1 ft			1 - 2 ft		
Analyte	Unit	Criteria			Field Duplicate														
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.11 U	< 0.091 U	< 0.091 U	< 0.091 U	< 0.092 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U
Aroclor 1248	mg/kg	-	-	-	0.21 J+	< 0.091 U	< 0.091 U	< 0.091 U	0.63 J+	0.48	0.076 J	0.076 J	0.076 J	0.076 J	0.076 J	0.076 J	0.076 J	0.076 J	0.076 J
Aroclor 1254	mg/kg	-	-	-	0.37 J+	< 0.091 U	< 0.091 U	< 0.091 U	1.2 J+	0.63	0.083 J	0.083 J	0.083 J	0.083 J	0.083 J	0.083 J	0.083 J	0.083 J	0.083 J
Aroclor 1260	mg/kg	-	-	-	0.24 J+	< 0.091 U	< 0.091 U	< 0.091 U	0.41 J+	0.4	0.047 J	0.047 J	0.047 J	0.047 J	0.047 J	0.047 J	0.047 J	0.047 J	0.047 J
Aroclor 1268	mg/kg	-	-	-	< 0.11 U	< 0.091 U	< 0.091 U	< 0.091 U	< 0.092 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U	< 0.089 U
PCB (total)	mg/kg	3.2	0.1	1	0.82	ND	ND	ND	2.24	1.51	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206	0.206
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	2600	4100	4800	4500	4900	6900	6900	6900	6900	6900	6900	6900	6900	6900	6900
Antimony	mg/kg	-	12	-	< 2.2 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Arsenic	mg/kg	16	13	16	2.6 J	1.3 J	0.68 J	3.3 J	9.6	2 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J	2 J
Barium	mg/kg	820	410	410	66	9	8.4	61	58	17	17	17	17	17	17	17	17	17	17
Beryllium	mg/kg	47	4.4	8.8	0.1 J	< 0.19 U	0.087 J	0.13 J	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Cadmium	mg/kg	7.5	2.5	2.5	1.4	0.14 J	< 0.37 U	1.4	1.4	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U
Calcium	mg/kg	-	10000	-	5900	1400	590	6100	18000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Chromium (total)	mg/kg	19	1	1	7.1	4.6	3.8	15	19	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Cobalt	mg/kg	-	20	30	1.6 J	0.98 J	1.3 J	2.9	3.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Copper	mg/kg	1720	50	280	27	3	2.6	120	68	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
Iron	mg/kg	-	2000	2000	7400	7500	5700	13000	17000	8000	8000	8000	8000	8000	8000	8000	8000	8000	8000
Lead	mg/kg	450	63	400	160	7.5	0.58	180	120	16	16	16	16	16	16	16	16	16	16
Magnesium	mg/kg	-	-	-	880	390	680	1600	4100	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Manganese	mg/kg	2000	1600	2000	250	130	65	240	220	140	140	140	140	140	140	140	140	140	140
Mercury	mg/kg	0.73	0.18	0.3	0.28	0.034	0.033	0.7	0.55	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
Nickel	mg/kg	130	30	87	7.1	1.8	3.3	24	16	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
Potassium	mg/kg	-	-	-	170 J	150 J	180 J	360	400	250	250	250	250	250	250	250	250	250	250
Selenium	mg/kg	4	3.9	22	< 4.4 U	< 3.8 U	< 3.7 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U	< 3.8 U
Silver	mg/kg	8.3	2	22	< 0.44 U	< 0.38 U	< 0.37 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U	< 0.38 U
Sodium	mg/kg	-	-	-	< 220 U	< 190 U	< 190 U	< 190 U	< 190 U	< 190 U	< 190 U	< 190 U	< 190 U	< 190 U	< 190 U	< 190 U	< 190 U	< 190 U	< 190 U
Thallium	mg/kg	-	5	-	< 2.2 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Vanadium	mg/kg	-	39	100	8.9	11	5.3	12	16	10	10	10	10	10	10	10	10	10	10
Zinc	mg/kg	2480	109	1300	180	15	9.7	570	310	51	51	51	51	51	51	51	51	51	51
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

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J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-37	SS-38	SS-38	SS-38	SS-39	SS-39
Sample Name					SS-37-24-36	SS-38-0-2	SS-38-2-12	SS-38-12-24	SS-39-0-2	SS-39-2-12
Sample Date					5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					2 - 3 ft	0 - 0.2 ft	0.17 - 1 ft	1 - 2 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	1.9	1.9	-	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.75 U	13	0.14 J	< 0.76 U	4.4 J	< 1.7 U
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.38 U	2 J	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.19 U	46	0.44	< 0.19 U	15	0.32 J
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.38 U	1.8 J	0.19 J	< 0.38 U	< 4.2 U	< 0.84 U
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.38 U	5.3	0.16 J	< 0.38 U	1.5 J	< 0.84 U
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.74 U	< 8.5 U	< 0.86 U	< 0.75 U	< 8.1 U	< 1.6 U
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
Acenaphthene	mg/kg	98	20	100	< 0.19 U	87	2.3	< 0.19 U	42	0.88
Acenaphthylene	mg/kg	365	100	100	< 0.19 U	15	0.16 J	< 0.19 U	5.2	< 0.42 U
Acetophenone	mg/kg	-	-	-	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
Anthracene	mg/kg	1000	100	100	< 0.19 U	140	4.4	< 0.19 U	81	1.7
Benz(a)anthracene	mg/kg	1	1	1	< 0.19 U	250	7.4	0.14 J	160	3.6
Benzaldehyde	mg/kg	-	-	-	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
Benzo(a)pyrene	mg/kg	22	1	1	< 0.19 U	210	6.8	0.14 J	140	3.2
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.19 U	260	8.2	0.15 J	170	3.7
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.19 U	110	4	< 0.19 U	71	1.7
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.19 U	100	3.8	< 0.19 U	68	1.7
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.38 U	1.2 J	0.16 J	0.15 J	65	< 0.84 U
Carpolactam	mg/kg	-	-	-	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
Carbazole	mg/kg	-	-	-	< 0.19 U	71	1.3	< 0.19 U	31	0.81
Chrysene	mg/kg	1	1	1.2	< 0.19 U	240	6.9	0.14 J	150	3.4
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.19 U	36	1.1	< 0.19 U	20	0.45
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.38 U	70	1.3	< 0.38 U	29	0.64 J
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
Fluoranthene	mg/kg	1000	85	100	< 0.19 U	580	16	0.29	330	7.6
Fluorene	mg/kg	386	30	100	< 0.19 U	100	2.2	< 0.19 U	49	1
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.19 U	130	4.3	< 0.19 U	81	1.9
Naphthalene	mg/kg	12	12	84	< 0.19 U	NA	0.73	< 0.19 U	29	0.62
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.38 U	< 4.4 U	< 0.44 U	< 0.38 U	< 4.2 U	< 0.84 U
Phenanthrene	mg/kg	1000	1.1	1.2	< 0.19 U	640	15	0.23	330	7.2
Phenol	mg/kg	0.33	0.33	100	< 0.38 U	3.7 J	< 0.44 U	< 0.38 U	1 J	< 0.84 U
Pyrene	mg/kg	1000	64	100	< 0.19 U	640	18	0.33	370	9
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	NA	NA	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	0.06	0.014	1.2	NA	NA	NA	NA	NA	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-37			SS-38			SS-38			SS-38			SS-39			SS-39		
Sample Name		SS-37-24-36			SS-38-0-2			SS-38-2-12			SS-38-12-24			SS-39-0-2			SS-39-2-12		
Sample Date		5/16/2023			5/16/2023			5/16/2023			5/16/2023			5/16/2023			5/16/2023		
Sample Depth Interval (ft bgs)		2 - 3 ft			0 - 0.2 ft			0.17 - 1 ft			1 - 2 ft			0 - 0.2 ft			0.17 - 1 ft		
Analyte	Unit	Criteria																	
		(1)	(2)	(3)															
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)																			
Aroclor 1242	mg/kg	-	-	-	< 0.088 U	< 0.099 U	< 0.1 U	< 0.088 U	< 0.098 U	< 0.095 U	< 0.088 U	< 0.088 U	< 0.088 U	< 0.098 U	< 0.098 U	< 0.095 U	< 0.088 U	< 0.088 U	< 0.088 U
Aroclor 1248	mg/kg	-	-	-	< 0.088 U	0.42	0.12	< 0.088 U	0.36	0.049 J	< 0.088 U	< 0.088 U	< 0.088 U	0.48	0.067 J	< 0.088 U	< 0.088 U	< 0.088 U	< 0.088 U
Aroclor 1254	mg/kg	-	-	-	< 0.088 U	0.7	0.13	< 0.088 U	0.48	0.067 J	< 0.088 U	< 0.088 U	< 0.088 U	0.4	0.047 J	< 0.088 U	< 0.088 U	< 0.088 U	< 0.088 U
Aroclor 1260	mg/kg	-	-	-	< 0.088 U	0.5	0.078 J	< 0.088 U	0.4	0.047 J	< 0.088 U	< 0.088 U	< 0.088 U	0.4	0.047 J	< 0.088 U	< 0.088 U	< 0.088 U	< 0.088 U
Aroclor 1268	mg/kg	-	-	-	< 0.088 U	< 0.099 U	< 0.1 U	< 0.088 U	< 0.098 U	< 0.095 U	< 0.088 U	< 0.088 U	< 0.088 U	< 0.098 U	< 0.098 U	< 0.095 U	< 0.088 U	< 0.088 U	< 0.088 U
PCB (total)	mg/kg	3.2	0.1	1	ND	1.62	0.328	ND	1.24	0.163	ND	ND	ND	1.24	0.163	ND	ND	ND	ND
Metals and Inorganics																			
Aluminum	mg/kg	-	10000	-	3600	4200	7400	7100	4600	8300	7100	7100	7100	4600	8300	7100	4600	8300	8300
Antimony	mg/kg	-	12	-	< 1.8 U	2.1	< 2.1 U	< 1.9 U	< 1.9 U	< 2.1 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 2.1 U	< 1.9 U	< 1.9 U	< 2.1 U	< 2.1 U
Arsenic	mg/kg	16	13	16	1.1 J	8.1	2.8 J	2.5 J	3.6 J	2 J	2.5 J	2.5 J	2.5 J	3.6 J	2 J	2.5 J	2.5 J	3.6 J	2 J
Barium	mg/kg	820	410	410	12	71	23	23	61	19	23	23	23	61	19	23	23	61	19
Beryllium	mg/kg	47	4.4	8.8	< 0.18 U	< 0.2 U	< 0.21 U	< 0.19 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.21 U	< 0.19 U	< 0.19 U	< 0.21 U	< 0.21 U
Cadmium	mg/kg	7.5	2.5	2.5	< 0.35 U	21	1.3	< 0.37 U	5	< 0.41 U	< 0.37 U	< 0.37 U	< 0.37 U	5	< 0.41 U	< 0.37 U	< 0.37 U	< 0.41 U	< 0.41 U
Calcium	mg/kg	-	10000	-	460	4300	1000	510	3300	2500	1000	1000	1000	510	3300	2500	1000	1000	1000
Chromium (total)	mg/kg	19	1	1	4.5	21	7.6	6.8	13	7	7.6	7.6	7.6	13	7	7.6	7.6	13	7
Cobalt	mg/kg	-	20	30	1.9	9.1	4.2	4.1	2.8	1.9 J	4.2	4.1	4.1	2.8	1.9 J	4.2	4.1	2.8	1.9 J
Copper	mg/kg	1720	50	280	11	130	17	6.7	52	9	17	17	17	52	9	17	17	52	9
Iron	mg/kg	-	2000	2000	4900	23000	8800	8200	13000	9000	8800	8800	8800	13000	9000	8800	8800	13000	9000
Lead	mg/kg	450	63	400	1.5	190	11	2.8	160	19	11	11	11	160	19	11	11	160	19
Magnesium	mg/kg	-	-	-	900	2200	1800	1800	1300	1100	1800	1800	1800	1300	1100	1800	1800	1300	1100
Manganese	mg/kg	2000	1600	2000	37	470	92	110	170	81	92	92	92	170	81	92	92	170	81
Mercury	mg/kg	0.73	0.18	0.3	< 0.027 U	0.78	0.12	0.016 J	0.61	0.084	0.12	0.12	0.12	0.016 J	0.61	0.084	0.12	0.12	0.084
Nickel	mg/kg	130	30	87	5.6	24	8	7.1	15	5.1	8	8	8	15	5.1	8	8	15	5.1
Potassium	mg/kg	-	-	-	340	370	440	430	350	230	440	440	440	350	230	440	440	350	230
Selenium	mg/kg	4	3.9	22	< 3.5 U	0.9 J	< 4.2 U	< 3.7 U	0.83 J	< 4.1 U	< 4.2 U	< 4.2 U	< 4.2 U	0.83 J	< 4.1 U	< 4.2 U	< 4.2 U	0.83 J	< 4.1 U
Silver	mg/kg	8.3	2	22	< 0.35 U	< 0.41 U	< 0.42 U	< 0.37 U	< 0.39 U	< 0.41 U	< 0.42 U	< 0.42 U	< 0.42 U	< 0.39 U	< 0.41 U	< 0.42 U	< 0.42 U	< 0.39 U	< 0.41 U
Sodium	mg/kg	-	-	-	< 180 U	< 200 U	< 210 U	< 190 U	< 190 U	< 210 U	< 210 U	< 210 U	< 210 U	< 190 U	< 190 U	< 210 U	< 210 U	< 190 U	< 190 U
Thallium	mg/kg	-	5	-	< 1.8 U	< 2 U	< 2.1 U	< 1.9 U	< 1.9 U	< 2.1 U	< 2.1 U	< 2.1 U	< 2.1 U	< 1.9 U	< 1.9 U	< 2.1 U	< 2.1 U	< 1.9 U	< 1.9 U
Vanadium	mg/kg	-	39	100	4.2	23	9.8	8.7	16	11	9.8	9.8	9.8	16	11	9.8	9.8	16	11
Zinc	mg/kg	2480	109	1300	12	470	46	16	370	61	46	46	46	370	61	46	46	370	61
Miscellaneous																			
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-39	SS-40	SS-40	SS-40	SS-41	SS-41
Sample Name					SS-39-12-24	SS-40-0-2	SS-40-2-12	SS-40-12-24	SS-41-0-2	SS-41-2-12
Sample Date					5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					1 - 2 ft	0 - 0.2 ft	0.17 - 1 ft	1 - 2 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Volatile Organic Compounds (VOCs)										
2-Hexanone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	0.03	0.03	100	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	1.9	1.9	-	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA	NA	NA	NA	NA	NA
Methyl Acetate	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	0.05	0.05	17	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	0.7	0.7	100	NA	NA	NA	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)										
1,1'-Biphenyl	mg/kg	-	60	-	< 0.76 U	< 0.86 U	< 0.87 U	< 0.77 U	NA	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	-	-	-	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	< 0.19 U	0.085 J	< 0.22 U	< 0.2 U	NA	NA
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
4-Chloroaniline	mg/kg	0.22	0.22	100	< 0.74 U	< 0.85 U	< 0.85 U	< 0.76 U	NA	NA
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	-	-	-	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
Acenaphthene	mg/kg	98	20	100	< 0.19 U	0.26	< 0.22 U	< 0.2 U	NA	NA
Acenaphthylene	mg/kg	365	100	100	< 0.19 U	< 0.22 U	< 0.22 U	< 0.2 U	NA	NA
Acetophenone	mg/kg	-	-	-	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
Anthracene	mg/kg	1000	100	100	< 0.19 U	0.41	< 0.22 U	< 0.2 U	NA	NA
Benz(a)anthracene	mg/kg	1	1	1	< 0.19 U	0.93	0.15 J	< 0.2 U	NA	NA
Benzaldehyde	mg/kg	-	-	-	< 0.38 U	0.063 J	0.048 J	< 0.39 U	NA	NA
Benzo(a)pyrene	mg/kg	22	1	1	< 0.19 U	0.79	0.14 J	< 0.2 U	NA	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	< 0.19 U	1	0.19 J	< 0.2 U	NA	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	< 0.19 U	0.34	< 0.22 U	< 0.2 U	NA	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	< 0.19 U	0.42	< 0.22 U	< 0.2 U	NA	NA
Benzyl butyl phthalate	mg/kg	122	100	100	< 0.38 U	0.086 J	< 0.44 U	< 0.39 U	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	< 0.38 U	0.12 J	< 0.44 U	< 0.39 U	NA	NA
Carpolactam	mg/kg	-	-	-	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
Carbazole	mg/kg	-	-	-	< 0.19 U	0.18 J	< 0.22 U	< 0.2 U	NA	NA
Chrysene	mg/kg	1	1	1.2	< 0.19 U	0.87	0.15 J	< 0.2 U	NA	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	< 0.19 U	0.091 J	< 0.22 U	< 0.2 U	NA	NA
Dibenzofuran	mg/kg	110	2.1	4.2	< 0.38 U	0.16 J	< 0.44 U	< 0.39 U	NA	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
Di-n-octyl phthalate	mg/kg	120	100	100	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
Fluoranthene	mg/kg	1000	85	100	0.076 J	1.8	< 0.22 U	< 0.2 U	NA	NA
Fluorene	mg/kg	386	30	100	< 0.19 U	0.25	< 0.22 U	< 0.2 U	NA	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	< 0.19 U	0.44	< 0.22 U	< 0.2 U	NA	NA
Naphthalene	mg/kg	12	12	84	< 0.19 U	0.11 J	< 0.22 U	< 0.2 U	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
Phenanthrene	mg/kg	1000	1.1	1.2	0.079 J	1.7	0.25	< 0.2 U	NA	NA
Phenol	mg/kg	0.33	0.33	100	< 0.38 U	< 0.44 U	< 0.44 U	< 0.39 U	NA	NA
Pyrene	mg/kg	1000	64	100	0.097 J	2.2	0.37	< 0.2 U	NA	NA
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	NA	NA	NA	NA	NA	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA	NA	NA	NA	NA	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	NA	NA	NA	NA	NA	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	NA	NA	NA	NA	NA	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	NA	NA	NA	NA	NA	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA	NA	NA	NA	NA	NA
beta-BHC	mg/kg	0.09	0.021	0.042	NA	NA	NA	NA	NA	NA
delta-BHC	mg/kg	0.1	0.04	100	NA	NA	NA	NA	NA	NA
Dieldrin	mg/kg	0.1	0.005	0.017	NA	NA	NA	NA	NA	NA
Endosulfan I	mg/kg	65	4.3	8.4	NA	NA	NA	NA	NA	NA
Endosulfan II	mg/kg	44	4.3	8.4	NA	NA	NA	NA	NA	NA
Endrin	mg/kg	0.06	0.014	1.2	NA	NA	NA	NA	NA	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location		SS-39			SS-40			SS-41		
Sample Name		SS-39-12-24			SS-40-0-2			SS-41-0-2		
Sample Date		5/16/2023			5/16/2023			5/16/2023		
Sample Depth Interval (ft bgs)		1 - 2 ft			0 - 0.2 ft			0.17 - 1 ft		
Analyte	Unit	Criteria								
		(1)	(2)	(3)						
Endrin aldehyde	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
Endrin ketone	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA	NA	NA	NA	NA	NA
Heptachlor	mg/kg	0.38	0.013	0.12	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA	NA	NA	NA	NA	NA
Methoxychlor	mg/kg	900	1.2	100	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)										
Aroclor 1242	mg/kg	-	-	-	< 0.09 U	< 0.1 U	< 0.1 U	< 0.089 U	NA	NA
Aroclor 1248	mg/kg	-	-	-	< 0.09 U	0.052 J	< 0.1 U	< 0.089 U	NA	NA
Aroclor 1254	mg/kg	-	-	-	< 0.09 U	0.11	< 0.1 U	< 0.089 U	NA	NA
Aroclor 1260	mg/kg	-	-	-	< 0.09 U	0.039 J	< 0.1 U	< 0.089 U	NA	NA
Aroclor 1268	mg/kg	-	-	-	< 0.09 U	< 0.1 U	< 0.1 U	< 0.089 U	NA	NA
PCB (total)	mg/kg	3.2	0.1	1	ND	0.201	ND	ND	NA	NA
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	3400	3900	2900	2100	NA	NA
Antimony	mg/kg	-	12	-	< 1.9 U	< 2.1 UJ	< 2 U	< 1.9 U	NA	NA
Arsenic	mg/kg	16	13	16	1.6 J	2.4 J	2.7 J	2.3 J	NA	NA
Barium	mg/kg	820	410	410	8.4	41	27	8.5	NA	NA
Beryllium	mg/kg	47	4.4	8.8	< 0.19 U	< 0.21 U	< 0.2 U	< 0.19 U	NA	NA
Cadmium	mg/kg	7.5	2.5	2.5	< 0.37 U	0.73	0.44	< 0.37 U	NA	NA
Calcium	mg/kg	-	10000	-	240	9500	110000	1200	NA	NA
Chromium (total)	mg/kg	19	1	1	3.3	5.3	3.6	2.8	NA	NA
Cobalt	mg/kg	-	20	30	1.4 J	2 J	1.3 J	0.67 J	NA	NA
Copper	mg/kg	1720	50	280	2.4	19	9.1	2.4	NA	NA
Iron	mg/kg	-	2000	2000	4900	7600	5700	4800	NA	NA
Lead	mg/kg	450	63	400	1.6	36 J+	25	12	NA	NA
Magnesium	mg/kg	-	-	-	790	1800	2400	340	NA	NA
Manganese	mg/kg	2000	1600	2000	69	230	140	49	NA	NA
Mercury	mg/kg	0.73	0.18	0.3	< 0.028 U	0.053 J	0.039	0.018 J	NA	NA
Nickel	mg/kg	130	30	87	4.3	5.5	3.6	1.5	NA	NA
Potassium	mg/kg	-	-	-	250	440 J+	280	250	NA	NA
Selenium	mg/kg	4	3.9	22	< 3.7 U	< 4.2 U	< 4.1 U	< 3.7 U	NA	NA
Silver	mg/kg	8.3	2	22	< 0.37 U	< 0.42 U	< 0.41 U	< 0.37 U	NA	NA
Sodium	mg/kg	-	-	-	< 190 U	< 210 U	< 200 U	< 190 U	NA	NA
Thallium	mg/kg	-	5	-	< 1.9 U	< 2.1 U	< 2 U	< 1.9 U	NA	NA
Vanadium	mg/kg	-	39	100	5.4	12	14	7.9	NA	NA
Zinc	mg/kg	2480	109	1300	10	99 J+	34	6.8	NA	NA
Miscellaneous										
Cyanide	mg/kg	40	2.3	2.6	NA	NA	NA	NA	NA	NA
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA	NA	NA	NA	NA	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria (1)

Highlight

Concentration exceeds Criteria (2)

Highlight

Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-41
Sample Name					SS-41-12-24
Sample Date					5/16/2023
Sample Depth Interval (ft bgs)					1 - 2 ft
Analyte	Unit	Criteria			
		(1)	(2)	(3)	
Volatile Organic Compounds (VOCs)					
2-Hexanone	mg/kg	-	-	-	NA
Acetone	mg/kg	0.03	0.03	100	NA
Chloroethane	mg/kg	1.9	1.9	-	NA
Isopropylbenzene (Cumene)	mg/kg	2.3	2.3	100	NA
Methyl Acetate	mg/kg	-	-	-	NA
Methyl ethyl ketone (2-Butanone)	mg/kg	0.1	0.1	100	NA
Methylene chloride	mg/kg	0.05	0.05	17	NA
Tetrachloroethylene	mg/kg	1.3	1.3	15	NA
Toluene	mg/kg	0.7	0.7	100	NA
Semi Volatile Organic Compounds (SVOCs)					
1,1'-Biphenyl	mg/kg	-	60	-	NA
1,4-Dioxane	mg/kg	0.1	0.1	1.4	NA
2,4-Dimethylphenol	mg/kg	-	-	-	NA
2-Methylnaphthalene	mg/kg	36.4	0.41	0.41	NA
2-Methylphenol (O-Cresol)	mg/kg	0.33	0.33	100	NA
3&4 Methylphenop (m,p-Cresols)	mg/kg	0.33	0.33	100	NA
3-Nitroaniline	mg/kg	0.5	0.5	-	NA
4-Chloroaniline	mg/kg	0.22	0.22	100	NA
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	NA
4-Nitroaniline	mg/kg	-	-	-	NA
Acenaphthene	mg/kg	98	20	100	NA
Acenaphthylene	mg/kg	365	100	100	NA
Acetophenone	mg/kg	-	-	-	NA
Anthracene	mg/kg	1000	100	100	NA
Benz(a)anthracene	mg/kg	1	1	1	NA
Benzaldehyde	mg/kg	-	-	-	NA
Benzo(a)pyrene	mg/kg	22	1	1	NA
Benzo(b)fluoranthene	mg/kg	2.1	1	1	NA
Benzo(g,h,i)perylene	mg/kg	1000	0.64	1.2	NA
Benzo(k)fluoranthene	mg/kg	2	0.8	1.2	NA
Benzyl butyl phthalate	mg/kg	122	100	100	NA
Bis(2-ethylhexyl)phthalate	mg/kg	435	50	50	NA
Carpolactam	mg/kg	-	-	-	NA
Carbazole	mg/kg	-	-	-	NA
Chrysene	mg/kg	1	1	1.2	NA
Dibenz(a,h)anthracene	mg/kg	1000	0.33	0.33	NA
Dibenzofuran	mg/kg	110	2.1	4.2	NA
Diethyl phthalate	mg/kg	7.1	7.1	100	NA
Di-n-butyl phthalate	mg/kg	8.1	0.014	100	NA
Di-n-octyl phthalate	mg/kg	120	100	100	NA
Fluoranthene	mg/kg	1000	85	100	NA
Fluorene	mg/kg	386	30	100	NA
Hexachlorobenzene	mg/kg	3.2	0.33	0.33	NA
Indeno(1,2,3-cd)pyrene	mg/kg	6.6	0.5	0.5	NA
Naphthalene	mg/kg	12	12	84	NA
N-Nitroso-di-n-propylamine	mg/kg	-	-	-	NA
N-Nitrosodiphenylamine	mg/kg	-	20	-	NA
Phenanthrene	mg/kg	1000	1.1	1.2	NA
Phenol	mg/kg	0.33	0.33	100	NA
Pyrene	mg/kg	1000	64	100	NA
Pesticides					
4,4'-DDD	mg/kg	14	0.0033	1.2	NA
4,4'-DDE	mg/kg	9.3	0.0033	0.78	NA
4,4'-DDT	mg/kg	135	0.0033	0.78	NA
Aldrin	mg/kg	0.19	0.0048	0.0088	NA
alpha-BHC	mg/kg	0.02	0.02	0.042	NA
alpha-Chlordane	mg/kg	4.5	0.014	0.14	NA
beta-BHC	mg/kg	0.09	0.021	0.042	NA
delta-BHC	mg/kg	0.1	0.04	100	NA
Dieldrin	mg/kg	0.1	0.005	0.017	NA
Endosulfan I	mg/kg	65	4.3	8.4	NA
Endosulfan II	mg/kg	44	4.3	8.4	NA
Endrin	mg/kq	0.06	0.014	1.2	NA

Table 5-3A
Summary of Detected Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



		Location			SS-41
		Sample Name			SS-41-12-24
		Sample Date			5/16/2023
		Sample Depth Interval (ft bgs)			1 - 2 ft
Analyte	Unit	Criteria			
		(1)	(2)	(3)	
Endrin aldehyde	mg/kg	-	-	-	NA
Endrin ketone	mg/kg	-	-	-	NA
gamma-BHC (Lindane)	mg/kg	0.05	0.025	0.05	NA
Gamma-Chlordane	mg/kg	14	0.54	0.54	NA
Heptachlor	mg/kg	0.38	0.013	0.12	NA
Heptachlor epoxide	mg/kg	0.02	0.077	0.077	NA
Methoxychlor	mg/kg	900	1.2	100	NA
Polychlorinated Biphenyls (PCBs)					
Aroclor 1242	mg/kg	-	-	-	NA
Aroclor 1248	mg/kg	-	-	-	NA
Aroclor 1254	mg/kg	-	-	-	NA
Aroclor 1260	mg/kg	-	-	-	NA
Aroclor 1268	mg/kg	-	-	-	NA
PCB (total)	mg/kg	3.2	0.1	1	NA
Metals and Inorganics					
Aluminum	mg/kg	-	10000	-	NA
Antimony	mg/kg	-	12	-	NA
Arsenic	mg/kg	16	13	16	NA
Barium	mg/kg	820	410	410	NA
Beryllium	mg/kg	47	4.4	8.8	NA
Cadmium	mg/kg	7.5	2.5	2.5	NA
Calcium	mg/kg	-	10000	-	NA
Chromium (total)	mg/kg	19	1	1	NA
Cobalt	mg/kg	-	20	30	NA
Copper	mg/kg	1720	50	280	NA
Iron	mg/kg	-	2000	2000	NA
Lead	mg/kg	450	63	400	NA
Magnesium	mg/kg	-	-	-	NA
Manganese	mg/kg	2000	1600	2000	NA
Mercury	mg/kg	0.73	0.18	0.3	NA
Nickel	mg/kg	130	30	87	NA
Potassium	mg/kg	-	-	-	NA
Selenium	mg/kg	4	3.9	22	NA
Silver	mg/kg	8.3	2	22	NA
Sodium	mg/kg	-	-	-	NA
Thallium	mg/kg	-	5	-	NA
Vanadium	mg/kg	-	39	100	NA
Zinc	mg/kg	2480	109	1300	NA
Miscellaneous					
Cyanide	mg/kg	40	2.3	2.6	NA
Total Organic Carbon (TOC)	mg/kg	-	-	-	NA

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10.

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed, ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

D - Result reported from a secondary dilution analysis.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-01	SD-02	SD-03	SD-03R	SD-03R
Sample Name					SD-01-00-0.5	SD-02-00-0.5	SD-03-00-0.5	SD-03R-6-12	SD-03R-12-24
Sample Date					10/29/2019	10/29/2019	10/29/2019	11/30/2022	11/30/2022
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 3 U	< 16 UJ	< 6 UJ	< 1 UJ	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 3 U	< 16 UJ	< 6 UJ	< 1 U	< 1 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	NA	NA	NA	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	NA	NA	NA	R	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	3.7 J	< 16 UJ	5.5 J	1.8 J	2 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	NA	NA	NA	< 2 UJ	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 3 U	< 16 UJ	22 J	0.37	0.41
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	NA	NA	NA	< 2 UJ	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.038 J	< 2 UJ	0.11 J	0.078 J	0.074 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 1 U	< 2 UJ	< 1 UJ	1.4 J+	1.2 J+
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	0.11 J	< 2 UJ	0.26 J	0.035 J	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.33 J	1.9 J	1.5 J	0.48	0.43
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	NA	NA	NA	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.3 J	< 2 UJ	1.1 J	0.065 J	0.025 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.14 J	0.39 J	0.79 J	0.12 J	0.089 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.16 J	0.41 J	0.22 J	0.092 J	0.075 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.5 J	1.9 J	2.1 J	0.59	0.48
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.37 J	0.49 J	0.31 J	0.1 J	0.1 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	NA	NA	NA	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.36 J	4.3 J	2.7 J	0.84	0.67
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.25 J	< 2 UJ	1.7 J	1.2	0.87
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	18 J	40 J	78 J	14 J	10 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.58 J	4.3 J	3.5 J	1.3	0.95
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	NA	NA	NA	0.094 J	0.06 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.19 J	0.94 J	0.67 J	0.24 J	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.23 J	< 2 UJ	< 1 UJ	0.024 J	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	0.15 J	0.47 J	0.32 J	0.036 J	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.73 J	2 J	5.4 J	0.84	0.45
PFAS, TOTAL	ug/kg	-	-	-	26.138	57.1	126.18	23.704	17.883

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-04	SD-05	SD-05R	SD-05R	SD-06
Sample Name					SD-04-00-0.5	SD-05-00-0.5	SD-05R-6-12	SD-05R-12-24	SD-06-00-0.5
Sample Date					10/29/2019	10/29/2019	11/28/2022	11/28/2022	10/29/2019
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 5 UJ	< 4 UJ	< 1 U	< 1 UJ	< 11 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 5 UJ	< 4 UJ	< 1 U	< 1 U	< 11 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	NA	NA	< 10 U	< 10 U	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	NA	NA	< 0.2 U	< 0.2 UJ	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 5 UJ	< 4 UJ	< 0.2 U	< 0.2 U	< 11 UJ
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	NA	NA	< 2 U	< 2 UJ	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 5 UJ	< 4 UJ	< 0.2 U	< 0.2 U	< 11 UJ
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	NA	NA	< 2 U	< 2 UJ	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.5 UJ	< 0.42 UJ	< 0.2 U	0.021 J	< 1 UJ
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.5 UJ	< 0.42 UJ	< 1 U	< 1 U	< 1 UJ
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.5 UJ	< 0.42 UJ	< 0.2 U	< 0.2 U	< 1 UJ
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.27 J	0.56 J	< 0.2 U	0.15 J	0.78 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	NA	NA	< 0.2 U	< 0.2 U	NA
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.5 UJ	0.21 J	< 0.2 U	< 0.2 U	< 1 UJ
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.12 J	0.12 J	< 0.2 U	0.04 J	0.44 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.13 J	< 0.42 UJ	0.016 J	0.045 J	0.28 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.58 J	< 0.42 UJ	< 0.2 U	0.089 J	1.5 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.5 UJ	< 0.42 UJ	< 0.2 U	< 0.2 U	< 1 UJ
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	NA	NA	< 0.2 U	< 0.2 U	NA
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	1.3 J	0.21 J	0.036 J	0.13 J	2.5 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.5 UJ	< 0.42 UJ	0.021 J	0.14 J	< 1 UJ
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	7.8 J	19 J	0.96	6.5	28 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	1.2 J	< 0.42 UJ	0.051 J	0.37	2.7 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	NA	NA	< 0.2 U	< 0.2 U	NA
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.5 UJ	0.4 J	0.03 J	0.058 J	< 1 UJ
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.5 UJ	0.13 J	< 0.2 U	< 0.2 U	< 1 UJ
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.5 UJ	0.34 J	< 0.2 U	< 0.2 U	0.35 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.15 J	0.79 J	< 0.2 U	< 0.2 U	1.6 J
PFAS, TOTAL	ug/kg	-	-	-	11.55	21.76	7.543	1.114	38.15

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

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U - Analyte was analyzed for but was not detected above the reported limit.

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NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-07	SD-08	SD-09	SD-10	SD-10
Sample Name					SD-07-00-0.5	SD-08-00-0.5	SD-09-00-0.5	SD-10-00-0.5	SD-60-00-0.5
Sample Date					10/29/2019	10/29/2019	10/29/2019	10/29/2019	10/29/2019
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Unit	Criteria							Field Duplicate
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 3 U	< 13 UJ	< 12 UJ	< 5 UJ	< 10 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 3 U	< 13 UJ	< 12 UJ	< 5 UJ	< 10 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 3 U	< 13 UJ	< 12 UJ	< 5 UJ	< 10 UJ
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 3 U	< 13 UJ	< 12 UJ	< 5 UJ	< 10 UJ
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.14 J	< 1 UJ	< 1 UJ	< 0.48 UJ	< 1 UJ
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	< 1 UJ	< 0.48 UJ	< 1 UJ
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.063 J	0.6 J	0.74 J	0.16 J	< 1 UJ
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	0.42 J	< 0.48 UJ	< 1 UJ
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	0.33 J	< 0.48 UJ	< 1 UJ
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.17 J	0.31 J	0.56 J	0.24 J	0.29 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	< 1 UJ	< 0.48 UJ	< 1 UJ
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.25 J	< 1 UJ	0.66 J	0.21 J	< 1 UJ
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.28 J	1.2 J	1.3 J	0.34 J	0.79 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	< 1 UJ	< 0.48 UJ	< 1 UJ
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	1.6 J	2.8 J	5.5 J	1.2 J	1.9 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.77 J	0.78 J	2.6 J	0.72 J	0.51 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.27 J	< 1 UJ	1 J	0.18 J	< 1 UJ
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	0.33 J	< 0.48 UJ	0.31 J
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.27 U	0.35 J	0.59 J	0.14 J	0.28 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.078 J	1.5 J	1.6 J	0.3 J	0.68 J
PFAS, TOTAL	ug/kg	-	-	-	3.621	7.54	15.63	3.49	4.76

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

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- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-11	SD-12	SD-17	SD-17	SD-17
Sample Name					SD-11-00-0.5	SD-12-00-0.5	SD-17-0-6	SD-17-6-12	SD-17-12-24
Sample Date					10/29/2019	10/29/2019	10/25/2022	10/25/2022	10/25/2022
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 3 U	< 9 UJ	< 1 UJ	< 1 U	< 1 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 3 U	< 9 UJ	< 1 UJ	< 1 U	< 1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	NA	NA	5.67	< 5 U	< 5 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	NA	NA	< 0.200 UJ	< 0.200 U	< 0.200 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 3 U	< 9 UJ	0.048 J	< 0.200 U	< 0.200 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	NA	NA	< 2 UJ	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 3 U	< 9 UJ	< 0.200 U	< 0.200 U	< 0.200 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	NA	NA	< 2 UJ	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	< 0.200 U	< 0.200 U	< 0.200 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	R	< 1 UJ	R
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	< 0.200 U	< 0.200 U	< 0.200 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.21 J	0.43 J	0.095 J	< 0.200 U	< 0.200 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	NA	NA	< 0.200 U	< 0.200 U	< 0.200 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.27 U	0.38 J	0.057 J	< 0.200 U	< 0.200 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	0.133 J	0.079 J	0.074 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.077 J	0.39 J	< 0.200 U	0.126 J	0.064 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	0.532	0.509	0.359
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.11 J	0.28 J	< 0.200 U	0.259	0.128 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	NA	NA	< 0.200 U	< 0.200 U	< 0.200 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.25 J	0.49 J	0.154 J	0.081 J	< 0.200 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	0.115 J	< 0.200 U	< 0.200 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	1.2 J	3 J	5.63	1.18	0.764
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.22 J	3.9 J	0.154 J	0.44	0.291
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	NA	NA	0.069 J	< 0.200 U	< 0.200 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.27 U	0.58 J	0.098 J	0.165 J	0.074 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.27 U	< 1 UJ	< 0.200 U	< 0.200 U	< 0.200 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	0.071 J	0.33 J	0.055 J	< 0.200 U	< 0.200 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.26 J	1.2 J	0.157 J	< 0.200 U	0.033 J
PFAS, TOTAL	ug/kg	-	-	-	2.398	10.98	12.967	2.839	1.787

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-18	SD-18	SD-19	SD-19	SD-19
Sample Name					SD-18-0-6	SD-18-6-12	SD-19-0-6	FD1-20221025	SD-19-6-12
Sample Date					10/25/2022	11/30/2022	10/25/2022	10/25/2022	10/25/2022
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria						Field Duplicate	
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 8 U	NA	< 8 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 8 U	NA	< 8 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	1.19 J	< 10 U	< 50 UJ	NA	23.7 J
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.200 UJ	R	2.63 J	NA	< 2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	0.145 J	< 0.19 UJ	< 2 U	NA	< 2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 20 U	NA	< 20 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	0.093 J	< 0.19 U	< 2 U	NA	< 2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 U	< 20 U	NA	< 20 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.063 J	0.021 J	< 2 U	NA	< 2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	R	0.45 J+	< 8 U	NA	< 8 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	0.051 J	< 0.19 U	< 2 U	NA	< 2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.329	0.077 J	1.09 J	NA	0.511 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	0.107 J	< 0.19 U	3.78 J	NA	1.84 J
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.117 J	0.02 J	0.658 J	NA	< 2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.189 J	0.064 J	1.17 J	NA	0.669 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.165 J	0.02 J	0.473 J	NA	< 2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.711	0.24	6.5	NA	4.05
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.192 J	0.039 J	1.14 J	NA	< 2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	0.063 J	< 0.19 U	< 2 U	NA	< 2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.456	0.13 J	2.28	NA	1.27 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.192 J	0.073 J	1.09 J	NA	0.842 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	22.4	6.9 J	108	NA	55
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.69	0.2	1.23 J	NA	1.09 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.096 J	0.023 J	0.474 J	NA	< 2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.277 J	< 0.38 U	< 4 U	NA	1.21 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.046 J	0.013 J	0.326 J	NA	< 2 U
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	0.077 J	< 0.19 U	0.837 J	NA	0.352 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.358	0.049 J	1.96 J	NA	1.07 J
PFAS, TOTAL	ug/kg	-	-	-	28.007	8.319	133.638	NA	91.604

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-19	SD-20	SD-20	SD-20	SD-21
Sample Name					SD-19-12-24	SD-20-0-6	SD-20-6-12	SD-20-12-24	SD-21-0-6
Sample Date					10/25/2022	10/25/2022	12/1/2022	12/1/2022	11/30/2022
Sample Depth Interval (ft bgs)					1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 U	< 3 U	< 1 U	< 1 U	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 U	< 3 U	< 1 U	< 1 U	< 1 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 5 U	< 19 UJ	< 14 U	< 15 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.200 U	< 1 UJ	< 0.29 UJ	< 0.3 U	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.200 U	1.36	< 0.29 U	< 0.3 U	0.45 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	1.74 J	< 3 U	< 3 U	R
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.200 U	0.662 J	< 0.29 U	< 0.3 U	0.041 J
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 7 UJ	< 3 U	< 3 U	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.032 J	0.498 J	0.028 J	0.042 J	0.065 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 1 U	< 3 U	0.4 J	0.4 J	2 J+
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.200 U	0.136 J	< 0.29 U	< 0.3 U	< 0.21 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.200 U	0.937	0.028 J	0.028 J	0.27
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.200 U	0.128 J	< 0.29 U	< 0.3 U	< 0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.200 U	0.277 J	< 0.29 U	< 0.3 U	0.048 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.103 J	0.344 J	0.031 J	0.05 J	0.14 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.035 J	0.474 J+	0.022 J	0.03 J	0.051 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.533	1.93 J+	0.21 J	0.29 J	0.71
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.126 J	0.537 J	0.036 J	0.039 J	0.049 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.200 U	< 1 U	< 0.29 U	< 0.3 U	< 0.21 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.295	1.81	0.075 J	0.11 J	0.56
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.200 U	2.82	< 0.29 U	< 0.3 U	0.36
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	2.23	41.9 J	3.3	4.8	11 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.178 J	4.26	0.26 J	0.37	0.61
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.062 J	0.364 J	0.046 J	0.062 J	0.11 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.082 J	1.02 J+	< 1 U	< 1 U	< 0.41 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.200 U	0.127 J	< 0.29 U	< 0.3 U	0.024 J
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.200 U	0.216 J	< 0.29 U	< 0.3 U	< 0.21 UJ
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.200 U	0.871	< 0.29 U	< 0.3 U	0.11 J
PFAS, TOTAL	ug/kg	-	-	-	3.676	62.411	4.436	6.221	16.598

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

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U - Analyte was analyzed for but was not detected above the reported limit.

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-21	SD-21	SD-22	SD-22	SD-23
Sample Name					SD-21-6-12	SD-21-12-24	SD-22-0-6	SD-22-6-10	SD-23-0-6
Sample Date					11/30/2022	11/30/2022	10/24/2022	10/24/2022	11/28/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 0.83 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 U	< 1 U	NA	NA	< 1 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 U	< 1 U	NA	NA	< 1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	NA	NA	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.21 UJ	NA	NA	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	0.047 J	< 0.21 UJ	NA	NA	0.077 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 2 U	NA	NA	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.21 U	NA	NA	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 U	NA	NA	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.2 U	0.023 J	NA	NA	0.081 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.28 J+	0.27 J+	NA	NA	0.39 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.21 U	NA	NA	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.2 U	< 0.21 U	NA	NA	0.35
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.21 U	NA	NA	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	< 0.21 U	NA	NA	0.037 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.21 U	NA	NA	0.16 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.018 J	0.018 J	NA	NA	0.071 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.1 J	0.091 J	NA	NA	0.93
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.2 U	0.019 J	NA	NA	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.21 U	NA	NA	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.059 J	0.045 J	NA	NA	1.3
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.025 J	< 0.21 U	NA	NA	0.31
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.7 J	0.41 J	NA	NA	12
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.11 J	0.093 J	NA	NA	0.95
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.029 J	0.026 J	NA	NA	0.12 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.4 U	< 0.42 U	NA	NA	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	< 0.21 U	NA	NA	0.025 J
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.2 U	< 0.21 U	NA	NA	0.044 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.2 U	< 0.21 U	NA	NA	0.14 J
PFAS, TOTAL	ug/kg	-	-	-	1.368	0.995	NA	NA	16.985

Notes:

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- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-23	SD-23	SD-24	SD-24	SD-24
Sample Name					SD-23-6-12	SD-23-12-24	SD-24-0-6	SD-24-6-12	SD-24-12-24
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 U	< 1 U	< 1 UJ	< 1 UJ	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 U	< 1 U	< 1 UJ	< 1 UJ	< 1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 14 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.27 UJ	R	R	R	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.27 U	0.26	0.19 J	0.35	0.28
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 3 U	< 2 UJ	0.79 J	2 J	1.3 J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	0.04 J	0.06 J	0.057 J	0.076 J	0.093 J
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 3 U	< 2 UJ	0.26 J	0.4 J	0.31 J
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.026 J	0.026 J	0.039 J	0.029 J	0.058 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 1 U	0.32 J	0.51 J	0.27 J	0.38 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.27 U	< 0.2 U	0.067 J	0.086 J	0.14 J
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.27 U	0.075 J	0.34	0.19 J	0.44
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.27 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.27 U	< 0.2 U	0.27	0.17 J	0.25
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.27 U	< 0.2 U	0.098 J	0.14 J	0.34
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.03 J	0.039 J	0.14 J	0.087 J	0.17 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.2 J	0.28	0.19 J	0.65	1.1
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.03 J	< 0.2 U	0.13 J	0.11 J	0.22
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.27 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.2 J	0.42	0.64	1.1	2.7
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.27 U	0.22	0.37	0.59	6.2
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.97	2.7	10	11	31
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.28	0.4	0.55	0.75	1.4
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.043 J	0.05 J	< 0.2 U	0.062 J	0.13 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 1 UJ	< 0.4 U	< 0.4 U	0.14 J	0.37 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.27 U	< 0.2 U	0.16 J	0.1 J	0.11 J
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.27 U	< 0.2 U	0.27	0.14 J	0.25
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.27 U	0.031 J	0.74	0.37	1
PFAS, TOTAL	ug/kg	-	-	-	1.819	4.881	15.811	18.81	48.241

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-25	SD-25	SD-25	SD-25	SD-26
Sample Name					SD-25-0-6	SD-25-6-12	SD-25-12-24	SD-75-12-24	SD-26-0-6
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/30/2022
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	1 - 2 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)				Field Duplicate	
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 U	< 1 U	< 1 U	< 1 U	0.046 J
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 16 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	R	< 0.31 UJ	R	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	0.28	0.14 J	0.23 J	0.29	5.2 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 3 U	< 2 UJ	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	0.036 J	0.048 J	0.037 J	1
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 3 U	< 2 UJ	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.12 J	0.06 J	0.11 J	0.071 J	0.083 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	R	0.29 J	< 1 U	0.31 J	0.3 J+
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.31 U	< 0.2 U	0.062 J
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.78 J	0.13 J	0.14 J	0.097 J	1.2
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.31 U	< 0.2 U	< 0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.11 J	0.02 J	< 0.31 U	< 0.2 U	0.27
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.33	0.11 J	0.14 J	0.16 J	0.34
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.16 J	0.076 J	0.19 J	0.15 J	0.13 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	1.4	0.66	1.4	1.3	1.1
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.14 J	< 0.2 U	0.16 J	0.12 J	0.12 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.31 U	< 0.2 U	< 0.21 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	4.1	1.8 J	3.5 J	3.2	2.5
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.37 J	0.1 J	0.19 J	0.14 J	2.3
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	24	4.8	7.1	5.6	32 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	2.2	1.3	3.1	3	1.4
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.17 J	0.077 J	0.17 J	0.15 J	0.17 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.31 J	0.093 J	< 1 UJ	< 0.4 U	0.27 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.062 J	0.017 J	0.021 J	< 0.2 U	0.07 J
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	0.12 J	< 0.2 U	< 0.31 U	< 0.2 U	0.2 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.45 J	0.11 J	0.1 J	0.087 J	4.2
PFAS, TOTAL	ug/kg	-	-	-	35.102	9.819	16.599	14.712	52.961

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

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Highlight	Concentration exceeds Criteria (1)
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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-26	SD-26	SD-27	SD-27	SD-28
Sample Name					SD-26-6-12	SD-26-12-24	SD-27-0-6	SD-27-6-12	SD-28-0-6
Sample Date					11/30/2022	11/30/2022	12/1/2022	12/1/2022	11/28/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 UJ	< 1 U	< 1 U	< 1 U	< 1 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 14 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.19 UJ	< 0.2 UJ	R	< 0.28 U	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	0.87 J	0.11 J	< 0.2 U	< 0.28 U	0.17 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 U	< 2 UJ	< 3 U	0.23 J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	0.24	< 0.2 U	< 0.2 U	< 0.28 U	0.069 J
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 U	< 2 UJ	< 3 U	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.032 J	< 0.2 U	0.015 J	< 0.28 U	0.039 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	1.8 J+	0.33 J+	0.26 J	0.39 J	1.8 J+
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.28 U	0.03 J
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.092 J	0.021 J	0.059 J	< 0.28 U	0.33
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.28 U	< 0.21 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.28 U	0.079 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.049 J	< 0.2 U	< 0.2 U	< 0.28 U	0.1 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.029 J	0.016 J	0.038 J	0.027 J	0.095 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.29	0.098 J	0.22	0.13 J	0.36
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.19 U	0.023 J	< 0.2 U	0.025 J	< 0.21 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.28 U	< 0.21 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.36	0.11 J	0.58	0.17 J	0.35
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.3	< 0.2 U	0.062 J	< 0.28 U	0.28
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	3 J	0.73 J	2.2	0.72	12 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.29	0.12 J	0.37	0.17 J	0.66
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.068 J	0.022 J	0.029 J	< 0.28 U	0.069 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.38 U	< 0.41 U	0.052 J	< 1 U	0.12 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.28 U	0.038 J
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.28 U	0.08 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.23	0.033 J	0.024 J	< 0.28 U	0.34
PFAS, TOTAL	ug/kg	-	-	-	7.65	1.613	3.909	1.632	17.239

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-28	SD-28	SD-29	SD-29	SD-29
Sample Name					SD-28-6-12	SD-28-12-24	SD-29-0-6	SD-29-6-12	SD-29-12-24
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 U	R	< 1 UJ	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 UJ	< 1 U	R	< 1 UJ	< 1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	R	R	< 0.2 UJ	R	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	3.4 J	0.25 J	< 0.2 UJ	< 0.19 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	R	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	1	0.17 J	< 0.2 U	< 0.19 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.11 J	0.018 J	0.048 J	0.029 J	0.018 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	1.6 J+	0.39 J+	0.91 J+	1.8 J+	0.33 J+
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.97	0.094 J	0.26	0.13 J	0.017 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.062 J	< 0.2 U	0.099 J	0.026 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.51	0.056 J	0.07 J	0.089 J	0.031 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.17 J	0.028 J	0.14 J	0.049 J	0.034 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	1.2	0.15 J	0.34	0.37	0.16 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.15 J	0.037 J	0.12 J	0.044 J	0.031 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	1.6	0.17 J	0.64	0.42	0.16 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	1.6 J	0.16 J	0.04 J	0.12 J	0.024 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	40 J	2.7 J	5.1 J	4.7 J	0.98 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	2.4	0.28	0.78	0.52	0.3
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.15 J	0.023 J	0.078 J	0.13 J	0.038 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.39 U	< 0.39 U	0.23 J	0.06 J	0.038 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.041 J	< 0.2 U	0.059 J	< 0.19 U	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	0.045 J	< 0.2 U	0.098 J	0.028 J	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.32	0.021 J	0.32	0.078 J	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	55.328	4.547	9.332	8.593	2.161

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-30	SD-30	SD-30	SD-31	SD-31
Sample Name					SD-30-0-6	SD-30-6-12	SD-30-12-24	SD-31-0-6	SD-81-0-6
Sample Date					11/30/2022	11/30/2022	11/30/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					Field Duplicate
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	R	R	R	R	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.19 UJ	0.072 J	0.066 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 U	< 2 UJ	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.19 U	< 0.21 U	< 0.2 UJ
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 U	< 2 UJ	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.035 J	0.026 J	< 0.19 U	0.026 J	0.037 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	1.9 J+	1 J+	0.3 J+	0.21 J	< 1 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.19 U	< 0.21 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.28	0.19 J	0.038 J	0.16 J	0.25
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.19 U	< 0.21 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.044 J	0.021 J	< 0.19 U	0.052 J	0.07 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.2 J	0.12 J	0.025 J	0.2 J	0.17 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.31	0.17 J	0.028 J	0.075 J	0.15 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.32	0.26	0.076 J	0.3	0.36
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.13 J	0.086 J	0.019 J	0.085 J	0.12 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.19 U	< 0.21 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.8	0.39	0.055 J	0.37	0.53
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	0.064 J	< 0.19 U	0.09 J	0.087 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	13 J	8.8 J	1.8 J	15	20
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	2.7	1.2	0.19 J	0.85	1.5
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.051 J	0.038 J	< 0.19 U	0.042 J	0.047 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.17 J	0.11 J	0.026 J	0.099 J	0.18 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.023 J	0.016 J	< 0.19 U	0.022 J	0.039 J
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	0.034 J	< 0.2 U	< 0.19 U	0.038 J	0.06 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.11 J	0.074 J	< 0.19 U	0.13 J	0.22
PFAS, TOTAL	ug/kg	-	-	-	20.107	12.565	2.557	17.821	23.886

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Highlight	Concentration exceeds Criteria (1)
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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-31	SD-32	SD-32	SD-32	SD-33
Sample Name					SD-31-6-12	SD-32-0-6	SD-32-6-12	SD-32-12-24	SD-33-0-6
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 U	< 2 U	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 UJ
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 U	< 2 U	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.014 J	0.033 J	< 0.2 U	< 0.2 U	0.055 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 1 U	< 1 UJ	< 1 U	< 1 U	< 1 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.2 U	0.34	< 0.2 U	< 0.2 U	0.16 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	0.095 J	< 0.2 U	< 0.2 U	0.056 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	0.12 J	< 0.2 U	< 0.2 U	0.13 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.2 U	0.11 J	< 0.2 U	< 0.2 U	0.12 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.077 J	0.36	0.035 J	0.04 J	0.3
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.2 U	0.056 J	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.2 U	4.9	0.24	< 0.2 U	0.31
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.022 J	< 0.2 U	< 0.2 U	< 0.2 U	0.037 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	1.5	11	0.29	0.036 J	6.8
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.15 J	0.99	0.098 J	0.057 J	0.87 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	0.047 J	< 0.2 U	< 0.2 U	0.36 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.039 J	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	0.048 J	< 0.2 U	< 0.2 U	0.029 J
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.2 U	0.11 J	< 0.2 U	< 0.2 U	0.064 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.016 J	0.33	< 0.2 U	< 0.2 U	0.17 J
PFAS, TOTAL	ug/kg	-	-	-	1.818	18.539	0.663	0.133	9.461

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

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- (3) Residential Use Guidance Values

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Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-33	SD-33	SD-34	SD-34	SD-34
Sample Name					SD-33-6-12	SD-33-12-24	SD-34-0-6	SD-84-0-6	SD-34-6-12
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)				Field Duplicate	
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 U	< 1 U	< 1 UJ	< 1 UJ	< 1 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 UJ	< 2 UJ	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 UJ	< 2 UJ	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.016 J	< 0.2 U	0.079 J	0.054 J	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 1 U	< 1 U	3.7	R	< 1 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.035 J	< 0.2 U	0.18 J	0.12 J	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.12 J	0.064 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.043 J	< 0.2 U	0.19 J	0.1 J	0.025 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.031 J	< 0.2 U	0.11 J	0.073 J	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.14 J	0.065 J	0.68	0.47	0.12 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.078 J	0.019 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.082 J	< 0.2 U	1.2	0.83	0.14 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.053 J	0.029 J	0.011 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	1.5	0.36	4	2.7	0.6
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.22	0.085 J	1.3	0.89	0.18 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.11 J	0.058 J	0.02 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.4 U	0.033 J	0.12 J	< 0.4 U	0.034 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.044 J	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.13 J	0.06 J	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.019 J	< 0.2 U	0.31	0.18 J	0.017 J
PFAS, TOTAL	ug/kg	-	-	-	2.086	0.543	12.282	5.75	1.166

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-35	SD-35	SD-35	SD-36	SD-36
Sample Name					SD-35-0-6	SD-35-6-12	SD-35-12-24	SD-36-0-6	SD-36-6-12
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	R	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.046 J	0.022 J	< 0.2 U	0.11 J	0.019 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	2.8	2.6	< 1 U	2.4	< 1 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.15 J	0.045 J	< 0.2 U	0.52	0.047 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.035 J	< 0.2 U	< 0.2 U	0.17 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.07 J	0.047 J	< 0.2 U	0.33	0.029 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.07 J	0.037 J	< 0.2 U	0.68	0.079 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.42	0.22	0.041 J	1.2	0.13 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.31	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.97	0.43	0.079 J	18	1.3
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.063 J	< 0.2 U	< 0.2 U	0.081 J	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	4.4	1.7	0.14 J	21	1.8
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.83	0.35	0.06 J	5.4	0.34
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.076 J	0.025 J	< 0.2 U	0.2	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.14 J	0.067 J	< 0.4 U	0.76	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.024 J	< 0.2 U	< 0.2 U	0.084 J	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	0.048 J	< 0.2 U	< 0.2 U	0.14 J	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.12 J	0.032 J	< 0.2 U	0.51	0.028 J
PFAS, TOTAL	ug/kg	PFAS, TOTAL	-	-	10.262	5.575	0.32	51.895	3.772

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

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U - Analyte was analyzed for but was not detected above the reported limit.

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-37	SD-37	SD-38	SD-38	SD-38
Sample Name					SD-37-0-6	SD-37-6-12	SD-38-0-6	SD-38-6-12	SD-38-12-24
Sample Date					11/28/2022	11/28/2022	11/28/2022	11/28/2022	11/28/2022
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 U	< 1 U	< 1 UJ	< 1 UJ	< 1 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 U	< 1 U	< 1 UJ	< 1 UJ	< 1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	R	< 0.2 UJ	R	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 UJ	< 2 UJ	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 UJ	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 UJ	< 2 UJ	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.025 J	0.028 J	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	2.6	< 1 U	< 1 U	2.3	< 1 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.33	0.11 J	0.14 J	0.15 J	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.054 J	0.02 J	0.057 J	0.065 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.058 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.1 J	0.036 J	0.086 J	0.065 J	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.29	0.11 J	0.059 J	0.11 J	0.027 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.093 J	0.045 J	0.035 J	0.027 J	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	2.5	0.77	0.18 J	0.15 J	0.03 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	0.015 J	0.014 J	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	8.4	3.2	0.85	0.93	0.068 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	1.1	0.35	0.25	0.23	0.04 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.034 J	0.02 J	< 0.2 U	0.36 J	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.16 J	0.079 J	0.087 J	< 0.4 U	0.024 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.031 J	0.016 J	0.037 J	0.038 J	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	0.063 J	< 0.2 U	0.067 J	0.079 J	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.19 J	0.075 J	0.16 J	0.17 J	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	16.003	4.846	2.047	4.702	0.189

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Highlight	Concentration exceeds Criteria (2)
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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-39	SD-39	SD-39	SD-40	SD-40
Sample Name					SD-39-0-6	SD-39-6-12	SD-39-12-24	SD-40-0-6	SD-40-6-12
Sample Date					11/28/2022	11/28/2022	11/28/2022	5/15/2023	5/15/2023
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 U	< 1 U	< 0.8 U	< 0.8 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 UJ	< 1 U	< 1 U	< 0.8 U	0.91 J+
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	R	R	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	0.096 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	0.53 J	< 2 U	< 2 U	< 2 UJ	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	0.033 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	0.24 J	< 2 U	< 2 U	< 2 UJ	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.033 J	0.06 J	0.049 J	0.04 J	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.46 J	< 1 U	< 1 U	0.43 J	< 0.8 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	0.029 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.1 J	0.045 J	0.04 J	0.21	0.032 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.12 J	0.018 J	< 0.2 U	0.049 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.13 J	0.043 J	0.039 J	0.13 J	0.031 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.1 J	0.18 J	0.14 J	0.1 J	0.032 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.44	0.25	0.18 J	0.75	0.19 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.1 J	0.18 J	0.15 J	0.26	0.066 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.3	0.21	0.16 J	0.28	0.032 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.25	0.011 J	0.0099 J	0.2 J	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	4.3	1.1	1	30	3.4
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.6	0.73	0.56	0.51	0.13 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.023 J	0.043 J	0.035 J	0.083 J	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.41	0.2 J	0.2 J	0.21 J	0.045 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.049 J	0.016 J	0.014 J	0.023 J	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	0.092 J	< 0.2 U	< 0.2 U	0.044 J	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.29	0.06 J	0.056 J	0.15 J	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	8.725	3.146	2.6329	33.469	4.868

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-41	SD-41	SD-42	SD-42	SD-43
Sample Name					SD-41-0-6	SD-41-6-12	SD-42-0-6	SD-42-6-12	SD-43-0-6
Sample Date					5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.81 U	< 0.78 U	< 0.8 U	< 0.79 U	< 0.79 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	5.5	4.1	< 0.8 U	< 0.79 U	< 0.79 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 9.7 U	< 10 U	< 9.9 U	< 9.9 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.19 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	0.24	0.14 J	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 1.9 U	< 2 UJ	< 2 UJ	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	0.035 J	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 1.9 U	< 2 UJ	< 2 UJ	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.048 J	< 0.19 U	0.05 J	0.062 J	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.81 U	0.17 J	NA	0.65 J	0.16 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.16 J	0.022 J	0.15 J	< 0.2 U	0.041 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.028 J	< 0.19 U	0.025 J	< 0.2 U	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.23	0.044 J	0.094 J	0.11 J	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.078 J	0.022 J	0.069 J	0.051 J	0.018 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	1.4	0.32	0.63	0.72	0.096 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.18 J	0.071 J	0.11 J	< 0.2 U	0.022 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.58	0.14 J	0.39	0.58	0.092 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	0.32	0.11 J	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	17	4	9.8	8.6	2
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.39	0.072 J	0.84	0.94	0.2 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.16 J	< 0.19 U	0.11 J	0.091 J	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.17 J	0.035 J	0.069 J	< 0.39 U	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	0.019 J	< 0.2 U	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.094 J	0.035 J	0.077 J	0.027 J	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	26.018	8.996	13.028	12.081	2.629

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-43	SD-44	SD-44	SD-45	SD-45
Sample Name					SD-43-6-12	SD-44-0-6	SD-44-6-12	SD-45-0-6	SD-45-6-12
Sample Date					5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	1.5	< 0.8 U	< 0.8 U	8.7 J	11
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	0.45	< 0.2 U	0.087 J	0.12 J	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	0.13 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.056 J	0.081 J	0.1 J	0.088 J	0.02 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.26 J	< 0.8 UJ	0.56 J	0.54 J	0.24 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.2 U	0.14 J	0.21	0.34	0.066 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.025 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.094 J	0.14 J	0.17 J	0.18 J	0.04 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.055 J	0.12 J	0.17 J	0.12 J	0.043 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.57	0.85	1.1	0.97	0.21
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.11 J	0.13 J	0.21	0.15 J	0.064 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.033 J	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.56	2.2	2.8	3.4	0.87
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	0.19 J	0.33	0.35	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	8.5	10	14	14 J	2.6
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	1.1	1	1.4	1.4	0.37
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.1 J	0.16 J	0.19 J	0.11 J	0.032 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.082 J	0.15 J	0.19 J	0.3 J	0.07 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.2 U	0.045 J	0.1 J	0.21	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	13.567	15.206	21.65	31.003	15.625

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

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J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-46	SD-46	SD-47	SD-47	SD-48
Sample Name					SD-46-0-6	SD-46-6-12	SD-47-0-6	SD-47-6-12	SD-48-0-6
Sample Date					5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.81 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	2.9	4.1	3.3	1.2	< 0.8 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 9.9 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	NA	< 0.2 UJ	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.11 J	0.045 J	0.11 J	0.055 J	0.04 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.46 J	0.32 J	0.5 J	0.6 J	0.18 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	0.11 J	< 0.2 U	0.049 J	< 0.2 U	0.58
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	0.035 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.15 J	< 0.2 U	0.086 J	0.025 J	0.14 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.35	0.17 J	0.4	0.25	0.068 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	1.3	0.31	0.97	0.42	0.47
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.39	0.2 J	0.38	0.28	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	0.073 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	2.2	0.44	1.5	0.39	0.39
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.22	< 0.2 U	< 0.2 U	< 0.2 U	0.1 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	10	1.3	5.1	0.99	6.7
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	2.4	0.75	2.5	1.4	0.85
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.22	0.07 J	0.25	0.091 J	0.073 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.34 J	0.13 J	0.33 J	< 0.4 U	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 UJ	0.025 J
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 UJ	0.031 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.055 J	< 0.2 U	0.027 J	< 0.2 U	0.085 J
PFAS, TOTAL	ug/kg	-	-	-	21.278	7.835	15.502	5.701	9.767

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

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R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-48	SD-49	SD-49	SD-50	SD-50
Sample Name					SD-48-6-12	SD-49-0-6	SD-49-6-12	SD-50-0-6	SD-50-6-12
Sample Date					5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.79 U	< 0.8 U	< 0.79 U	< 0.8 U	< 0.8 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 0.79 U	< 0.8 U	< 0.79 U	< 0.8 U	< 0.8 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 9.9 U	< 10 UJ	< 9.9 U	< 10 UJ	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 U	< 2 UJ	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 U	< 2 UJ	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.21 J	NA	0.21 J	0.51 J	0.21 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.2 U	0.93 J	0.056 J	< 0.2 U	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	1.6 J	0.046 J	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	0.046 J	< 0.2 U	0.029 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	0.1 J	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.026 J	0.089 J	0.035 J	0.032 J	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.094 J	0.63 J	0.12 J	< 0.2 U	0.028 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.041 J	< 0.2 UJ	0.035 J	< 0.2 U	0.019 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	0.096 J	< 0.2 U	0.037 J	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.054 J	1.6 J	0.17 J	0.051 J	< 0.2 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.53	1.3 J	< 0.2 U	0.23	< 0.2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.16 J	0.93 J	0.28	0.099 J	< 0.2 U
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	0.13 J	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.39 U	< 0.4 U	0.04 J	0.69 J	0.036 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	0.046 J	< 0.2 U	0.023 J	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.2 U	0.075 J	< 0.2 U	0.027 J	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.2 U	0.13 J	< 0.2 U	0.055 J	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	1.115	7.702	0.992	1.783	0.293

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
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ft bgs - feet below ground surface

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-51	SD-51	SD-51	SD-52	SD-52
Sample Name					SD-51-0-6	SD-51-6-12	SD-101-6-12	SD-52-0-6	SD-52-6-12
Sample Date					5/15/2023	5/15/2023	5/15/2023	5/15/2023	5/15/2023
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria					Field Duplicate		
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.8 U	< 0.8 U	< 0.8 U	< 0.8 U	< 0.79 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 0.8 U	< 0.8 U	< 0.8 U	2.4	< 0.79 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 9.8 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.033 J	< 0.2 U	< 0.2 UJ	0.03 J	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.48 J	0.22 J	< 0.8 UJ	0.48 J	0.25 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.043 J	< 0.2 U	< 0.2 U	0.068 J	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.033 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.025 J	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.14 J	0.017 J	0.02 J	0.16 J	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.088 J	< 0.2 U	0.028 J	0.087 J	< 0.2 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.11 J	0.019 J	0.036 J	0.12 J	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.18 J	< 0.2 U	< 0.2 U	0.25	< 0.2 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.76	0.052 J	< 0.2 U	1.2	< 0.2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.49	0.034 J	0.037 J	0.66	< 0.2 U
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.094 J	0.067 J	0.054 J	0.19 J	0.044 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.02 J	< 0.2 U	< 0.2 U	0.022 J	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	0.035 J	< 0.2 U	< 0.2 U	0.034 J	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.074 J	< 0.2 U	< 0.2 U	0.095 J	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	2.547	0.409	0.175	5.854	0.294

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SD-52	SS-01	SS-01	SS-02	SS-02
Sample Name					SD-102-6-12	SS-01-00-0.5	SS-01-0.5-01	SS-02-00-0.5	SS-02-0.5-01
Sample Date					5/15/2023	10/30/2019	10/30/2019	10/30/2019	10/30/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria			Field Duplicate				
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.78 U	< 2 U	< 2 U	< 3 U	< 2 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 0.78 U	< 2 U	< 2 U	< 3 U	< 2 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 9.7 U	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.19 UJ	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.19 U	< 2 U	< 2 U	< 3 U	< 2 UJ
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 1.9 U	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.19 U	< 2 U	< 2 U	< 3 U	< 2 UJ
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 1.9 U	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.19 U	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 UJ
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.18 J	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 UJ
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.19 U	< 0.24 U	0.049 J	< 0.26 U	< 0.24 UJ
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.19 U	0.032 J	0.083 J	0.28 J	0.13 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.19 U	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.028 J	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 UJ
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.19 U	< 0.24 U	0.059 J	0.06 NJ	0.047 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.19 U	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 UJ
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.19 U	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 UJ
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.19 U	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 UJ
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.19 U	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.19 U	0.27 J	0.47 J	0.9 J	0.41 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.19 U	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 UJ
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 0.19 U	1.3 J	< 1 U	6 J	4.4 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.19 U	0.19 J	0.4 J	0.62 J	0.3 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.19 U	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.39 U	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 UJ
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.19 U	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 UJ
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.19 U	< 0.24 U	< 0.24 U	< 0.26 U	< 0.24 UJ
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.19 U	0.053 J	0.081 J	0.11 J	0.068 J
PFAS, TOTAL	ug/kg	-	-	-	0.208	1.845	1.142	7.97	5.355

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

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J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-03	SS-03	SS-04	SS-04	SS-05
Sample Name					SS-03-00-0.5	SS-03-0.5-01	SS-04-00-0.5	SS-04-0.5-01	SS-05-00-0.5
Sample Date					10/30/2019	10/30/2019	10/30/2019	10/30/2019	10/30/2019
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 3 U	< 2 U	< 2 U	< 3 U	< 2 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 3 U	< 2 U	< 2 U	< 3 U	< 2 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 3 U	< 2 U	< 2 U	< 3 U	0.55 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 3 U	< 2 U	< 2 U	< 3 U	< 2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.26 U	< 0.25 U	< 0.23 U	< 0.26 U	< 0.25 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.26 U	< 0.25 U	< 0.45 U	< 0.30 U	< 0.25 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.26 U	< 0.25 U	< 0.23 U	< 0.26 U	0.11 J
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.088 J	0.039 J	0.14 J	0.095 J	0.17 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.26 U	< 0.25 U	0.089 J	< 0.26 U	0.094 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.1 J	0.054 J	0.055 J	< 0.26 U	0.068 NJ
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.26 U	< 0.25 U	< 0.23 U	< 0.26 U	< 0.25 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.44 U	< 0.25 U	< 0.23 U	< 0.26 U	< 1 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.26 U	< 0.25 U	< 0.23 U	< 0.26 U	< 0.25 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.28 J	0.16 J	0.31 J	0.18 J	1.8 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.26 U	< 0.25 U	< 0.23 U	< 0.26 U	< 0.25 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	3.6 J	1.6 J	1.8 J	2.2 J	10 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.69 J	0.66 J	0.61 J	0.61 J	0.99 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.26 U	< 0.25 U	< 0.23 U	< 0.26 U	< 0.25 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.26 U	< 0.25 U	0.081 J	< 0.26 U	< 0.25 U
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.26 U	< 0.25 U	0.1 J	< 0.26 U	0.091 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.14 J	< 0.25 U	0.16 J	0.09 J	0.43 J
PFAS, TOTAL	ug/kg	-	-	-	4.898	2.513	3.345	3.175	14.303

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

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J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-05	SS-05R	SS-06	SS-06	SS-07
Sample Name					SS-05-0.5-01	SS-05R-12-24	SS-06-00-0.5	SS-06-0.5-01	SS-07-00-0.5
Sample Date					10/30/2019	12/5/2022	10/30/2019	10/30/2019	10/30/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 2 U	< 1 U	< 2 U	< 2 U	< 2 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 2 U	0.11 J	< 2 U	< 2 U	< 2 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	NA	< 9 U	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	NA	< 0.18 UJ	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 0.18 U	< 2 U	< 2 U	< 2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	NA	< 2 U	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 0.18 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	NA	< 2 U	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.24 U	0.016 J	< 0.24 U	< 0.23 U	< 0.22 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.24 U	0.22 J	< 0.24 U	< 0.23 U	< 0.22 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.24 U	< 0.18 U	< 0.24 U	< 0.23 U	< 0.22 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.082 J	0.08 J	0.15 J	0.12 J	0.093 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	NA	< 0.18 U	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.24 U	< 0.18 U	< 0.24 U	< 0.23 U	< 0.22 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.24 U	< 0.18 U	< 0.24 U	0.04 NJ	< 0.22 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.24 U	0.074 J	< 0.24 U	< 0.23 U	< 0.22 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.24 U	0.044 J	< 0.24 U	< 0.23 U	< 0.22 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.24 U	0.059 J	< 0.24 U	< 0.23 U	< 0.22 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	NA	< 0.18 U	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.15 J	0.13 J	0.16 J	0.15 J	0.088 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.24 U	< 0.18 U	< 0.24 U	< 0.23 U	< 0.22 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	4.1 J	4	5.2 J	6 J	3.7 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.14 J	0.13 J	0.18 J	0.18 J	0.14 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	NA	< 0.18 U	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.24 U	0.062 J	< 0.24 U	< 0.23 U	< 0.22 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.24 U	< 0.18 U	< 0.24 U	< 0.23 U	< 0.22 U
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.24 U	< 0.18 U	< 0.24 U	< 0.23 U	< 0.22 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.073 J	< 0.18 U	0.2 J	0.16 J	0.13 J
PFAS, TOTAL	ug/kg	-	-	-	4.545	4.925	5.89	6.65	4.151

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-07	SS-07R	SS-08	SS-08	SS-09
Sample Name					SS-07-0.5-01	SS-07R-12-24	SS-08-00-0.5	SS-08-0.5-01	SS-09-00-0.5
Sample Date					10/30/2019	12/5/2022	10/30/2019	10/30/2019	10/31/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	1 - 2 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 2 U	< 1 UJ	< 2 U	< 2 U	< 2 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 2 U	< 1 UJ	< 2 U	< 2 U	< 2 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	NA	< 10 U	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	NA	< 0.2 UJ	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	0.12 J	< 2 U	< 2 U	< 2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	NA	< 2 UJ	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	NA	< 2 U	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.23 U	0.15 J	< 0.21 U	< 0.25 U	< 0.24 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.23 U	< 1 U	< 0.21 U	< 0.25 U	< 0.24 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.23 U	< 0.2 U	< 0.21 U	< 0.25 U	< 0.24 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.094 J	0.027 J	0.049 J	0.058 J	< 0.24 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	NA	< 0.2 U	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.23 U	0.016 J	< 0.21 U	< 0.25 U	< 0.24 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.23 U	0.037 J	< 0.21 U	< 0.25 U	< 0.24 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.23 U	< 0.2 U	< 0.21 U	< 0.25 U	< 0.24 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.23 U	0.077 J	< 0.21 U	< 0.25 U	< 0.24 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.23 U	< 0.2 U	< 0.21 U	< 0.25 U	< 0.24 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	NA	< 0.2 U	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.11 J	0.14 J	0.042 J	0.054 J	< 0.24 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.23 U	< 0.2 U	< 0.21 U	< 0.25 U	< 0.24 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	4.4 J	2.3	1.2 J	2.3 J	< 1 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.14 J	0.095 J	0.096 J	< 0.25 U	< 0.24 U
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	NA	< 0.2 U	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.23 U	0.11 J	< 0.21 U	< 0.25 U	< 0.24 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.23 U	< 0.2 U	< 0.21 U	< 0.25 U	< 0.24 U
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.23 U	< 0.2 U	< 0.21 U	< 0.25 U	< 0.24 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.14 J	0.11 J	0.06 J	0.063 J	< 0.24 U
PFAS, TOTAL	ug/kg	-	-	-	4.884	3.182	1.447	2.475	ND

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

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J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-09	SS-10	SS-10	SS-10	SS-11
Sample Name					SS-09-0.5-01	SS-10-00-0.5	SS-60-00-0.5	SS-10-0.5-01	SS-11-00-0.5
Sample Date					10/31/2019	10/31/2019	10/31/2019	10/31/2019	10/31/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft
Analyte	Unit	Criteria					Field Duplicate		
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.24 U	0.05 J	0.044 J	0.078 J	0.049 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.24 U	< 0.24 U	< 0.23 U	< 0.24 U	< 0.24 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.24 U	0.096 J	0.079 J	0.13 J	< 0.24 U
PFAS, TOTAL	ug/kg	-	-	-	ND	0.146	0.123	0.208	0.049

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-11	SS-12	SS-12	SS-13	SS-13
Sample Name					SS-11-0.5-01	SS-12-00-0.5	SS-12-0.5-01	SS-13-00-0.5	SS-13-0.5-01
Sample Date					10/31/2019	10/31/2019	10/31/2019	10/31/2019	10/31/2019
Sample Depth Interval (ft bgs)					0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	NA	NA	NA	NA	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.046 J	< 0.24 U	< 0.23 U	0.068 J	0.075 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	0.064 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.44 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	0.12 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 1 U	< 1 U	< 1 U	< 4 U	7.5 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	< 0.25 U	< 0.25 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.22 U	< 0.24 U	< 0.23 U	0.095 J	0.16 J
PFAS, TOTAL	ug/kg	-	-	-	0.046	ND	ND	0.163	7.919

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-14	SS-14	SS-15	SS-15	SS-16
Sample Name					SS-14-00-0.5	SS-14-0.5-01	SS-15-00-0.5	SS-15-0.5-01	SS-16-0-2
Sample Date					10/31/2019	10/31/2019	10/31/2019	10/31/2019	12/5/2022
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0.5 - 1 ft	0 - 0.5 ft	0.5 - 1 ft	0 - 0.2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	NA	NA	NA	NA	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	NA	NA	NA	NA	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	0.06 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	NA	NA	NA	NA	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	NA	NA	NA	NA	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.23 U	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.23 U	0.25 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	0.052 J	< 0.25 U	< 0.21 U	< 0.23 U	0.017 J
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.056 J	0.058 J	0.027 J	0.025 J	0.039 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	NA	NA	NA	NA	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.23 U	0.026 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.25 U	0.065 J	< 0.21 U	< 0.23 U	0.049 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.23 U	0.024 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.25 U	0.81 J	< 0.21 U	< 0.23 U	0.23
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.23 U	0.028 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	NA	NA	NA	NA	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.049 J	0.056 J	< 0.21 U	< 0.23 U	0.048 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.23 U	0.022 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 2 U	< 4 U	< 3 U	< 2 U	3.6
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.25 U	< 0.25 U	< 0.21 U	< 0.23 U	0.046 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	NA	NA	NA	NA	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.23 U	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.23 U	0.015 J
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.25 U	< 0.25 U	< 0.21 U	< 0.23 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.1 J	0.096 J	0.057 J	0.048 J	0.077 J
PFAS, TOTAL	ug/kg	-	-	-	0.257	1.085	0.084	0.073	4.531

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

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Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-16	SS-17	SS-17	SS-17	SS-18
Sample Name					SS-16-2-12	SS-17-0-2	SS-17-2-12	SS-67-2-12	SS-18-0-2
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0.17 - 1 ft	0 - 0.2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)				Field Duplicate	
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 U	< 1 UJ	< 1 UJ	< 1 U	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.19 UJ	R	< 0.2 UJ	< 0.2 UJ	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	0.076 J	< 0.2 UJ	0.19 J	0.27	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 U	0.21 J	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.027 J	< 0.2 U	< 0.2 U	< 0.2 U	0.016 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	1.2	0.23 J	0.2 J	0.16 J	1.6
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	0.023 J	< 0.2 U	0.019 J	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.054 J	0.039 J	0.059 J	0.066 J	0.068 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.023 J	0.035 J	0.03 J	0.033 J	0.038 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.13 J	< 0.2 U	0.028 J	0.024 J	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.019 J	0.021 J	0.022 J	< 0.2 U	0.073 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.66	0.04 J	0.14 J	0.17 J	0.062 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.029 J	< 0.2 U	< 0.2 U	0.036 J	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.07 J	0.037 J	0.057 J	0.064 J	0.12 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.19 U	0.035 J	0.078 J	0.066 J	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	10	1	5.3	5.2	1.2
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.059 J	0.048 J	0.064 J	0.087 J	0.12 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.057 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.39 U	< 0.39 U	< 0.4 U	0.053 J	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.015 J	< 0.2 U	0.019 J	0.018 J	0.02 J
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	0.031 J	< 0.2 U	< 0.2 U	< 0.2 U	0.03 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.1 J	0.072 J	0.051 J	0.055 J	0.08 J
PFAS, TOTAL	ug/kg	-	-	-	12.573	1.557	6.257	6.512	3.427

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

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Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-18	SS-19	SS-19	SS-20	SS-20
Sample Name					SS-18-2-12	SS-19-0-2	SS-19-2-12	SS-20-0-2	SS-20-2-12
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 U	< 1 UJ	< 1 UJ	< 1 UJ	< 1 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 U	< 1 UJ	< 1 UJ	< 1 U	< 1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	0.077 J	< 0.2 U	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 UJ	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 UJ	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.14 J	0.16 J	0.28 J	0.2 J	0.19 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.019 J	0.041 J	< 0.2 U	0.027 J	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	0.034 J	< 0.2 U	0.02 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.022 J	0.016 J	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.088 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.023 J	< 0.2 U	< 0.2 U	< 0.2 U	0.018 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.2 U	0.04 J	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	0.023 J
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	1	0.33	0.2	0.24	0.18 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.2 U	0.045 J	0.029 J	< 0.2 U	< 0.2 U
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.036 J	0.04 J	< 0.39 U	< 0.4 U	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	0.03 J	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.2 U	0.046 J	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.032 J	0.074 J	< 0.2 U	0.033 J	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	1.338	0.917	0.531	0.536	0.411

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-20	SS-21	SS-21	SS-22	SS-22
Sample Name					SS-70-2-12	SS-21-0-2	SS-21-2-12	SS-22-0-2	SS-22-2-12
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria			Field Duplicate				
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 U	< 1 U	< 1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 UJ	< 10 U	< 10 U	< 9 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.19 UJ	< 0.2 UJ	< 0.2 U	< 0.19 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.19 UJ	< 0.2 UJ	< 0.2 U	< 0.19 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 U	< 2 U	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.19 UJ	< 0.2 UJ	< 0.2 U	< 0.19 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 U	< 2 U	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.19 UJ	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 1 UJ	0.23 J	0.24 J	0.24 J	0.24 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.19 UJ	0.021 J	0.023 J	< 0.19 U	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.19 UJ	0.023 J	< 0.2 U	< 0.19 U	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.19 UJ	0.016 J	0.015 J	0.022 J	0.029 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.19 UJ	< 0.2 U	< 0.2 U	< 0.19 U	0.06 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.015 J	0.018 J	0.016 J	0.02 J	0.029 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.19 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.19 UJ	< 0.2 U	< 0.2 U	0.026 J	0.081 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.19 UJ	0.01 J	0.012 J	< 0.19 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.11 J	0.11 J	0.12 J	0.28	0.25
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.19 U	< 0.2 U	0.045 J	0.028 J	0.09 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.19 UJ	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.38 UJ	< 0.39 U	< 0.39 U	< 0.37 U	< 0.39 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.19 UJ	0.017 J	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.19 UJ	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.19 UJ	0.032 J	< 0.2 U	0.015 J	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	0.125	0.477	0.471	0.631	0.779

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-23	SS-23	SS-24	SS-24	SS-25
Sample Name					SS-23-0-2	SS-23-2-12	SS-24-0-2	SS-24-2-12	SS-25-0-2
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 U	< 1 UJ	< 1 UJ	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	0.22 J	0.22 J	0.11 J	0.24 J	0.23 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.056 J	< 0.2 U	0.043 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 UJ	< 2 U	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 U	< 2 U	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.22	0.19 J	0.091 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.2 J	0.23 J	0.91	0.25 J	0.28 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.053 J	< 0.2 U	0.066 J	0.033 J	0.05 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.029 J	< 0.2 U	0.029 J	0.018 J	0.026 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.023 J	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.018 J	< 0.2 U	0.028 J	0.021 J	0.024 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.2 U	0.036 J	0.077 J	0.074 J	0.037 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.053 J	0.038 J	0.09 J	0.13 J	0.088 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.048 J	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	1.1	2.8	1.8	2.2	1.1
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.049 J	< 0.2 U	0.11 J	0.17 J	0.097 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.4 U	0.047 J	< 0.4 U	< 0.39 U	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.018 J	0.013 J	0.021 J	< 0.2 U	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	0.028 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.08 J	< 0.2 U	0.072 J	0.032 J	0.055 J
PFAS, TOTAL	ug/kg	-	-	-	1.848	3.384	3.637	3.381	2.121

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-25	SS-26	SS-26	SS-27	SS-27
Sample Name					SS-25-2-12	SS-26-0-2	SS-26-2-12	SS-27-0-2	SS-27-2-12
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 U	< 1 UJ	< 1 UJ	< 1 U	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	0.22 J	0.24 J	0.25 J	0.23 J	0.23 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	R	R	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	0.068 J	0.091 J	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 UJ	< 2 U	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 UJ	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 UJ	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.1 J	0.1 J	0.056 J	< 0.2 U	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.28 J	0.46 J	0.21 J	0.27 J	0.26 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.032 J	0.084 J	0.047 J	0.044 J	0.054 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.017 J	0.033 J	0.019 J	0.018 J	0.023 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.025 J	< 0.2 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.021 J	0.043 J	< 0.2 U	0.026 J	0.042 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.2 U	0.05 J	0.074 J	0.031 J	0.033 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.029 J	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.083 J	0.11 J	0.15 J	0.058 J	0.094 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	2.1	3.6	2.4	1.1	1.5
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.071 J	0.13 J	0.11 J	0.053 J	0.094 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.013 J	0.023 J	0.014 J	< 0.2 U	0.014 J
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.2 U	0.073 J	0.047 J	< 0.2 U	0.053 J
PFAS, TOTAL	ug/kg	-	-	-	2.937	5.014	3.493	1.859	2.397

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-28	SS-28	SS-29	SS-29	SS-30
Sample Name					SS-28-0-2	SS-28-2-12	SS-29-0-2	SS-29-2-12	SS-30-0-2
Sample Date					12/5/2022	12/5/2022	12/5/2022	12/5/2022	12/5/2022
Sample Depth Interval (ft bgs)					0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	0.12 J	0.25 J	0.22 J	0.1 J	< 1 UJ
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	R	< 0.2 U	R	< 0.2 UJ	R
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.21 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 U	< 2 UJ	< 2 U	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.21 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 U	< 2 UJ	< 2 U	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.21 U	< 0.2 U	0.064 J	0.025 J	0.27
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.68 J	0.25 J	0.74 J	0.39 J	1.2
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.21 U	< 0.2 U	< 0.2 U	< 0.2 U	0.097 J
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.083 J	< 0.2 U	0.24	< 0.2 U	0.52
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.21 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.05 J	< 0.2 U	0.12 J	< 0.2 U	0.23
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.21 U	< 0.2 U	< 0.2 U	< 0.2 U	0.034 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.048 J	0.016 J	0.19 J	0.063 J	0.61
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.053 J	< 0.2 U	< 0.2 U	0.038 J	0.2
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.064 J	< 0.2 U	0.14 J	0.07 J	0.37
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.21 U	< 0.2 U	< 0.2 U	< 0.2 U	0.13 J
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.1 J	< 0.2 U	0.42	0.044 J	1.2
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	0.043 J	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	2	0.7	1.3	0.12 J	4.1
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.13 J	0.037 J	0.25	0.19 J	1.8
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.21 U	< 0.2 U	< 0.2 U	< 0.2 U	0.095 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.41 U	0.045 J	< 0.4 U	0.095 J	0.46
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.028 J	< 0.2 U	0.074 J	< 0.2 U	0.11 J
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	0.039 J	< 0.2 U	0.15 J	< 0.2 U	< 0.2 UJ
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.13 J	0.021 J	0.28	< 0.2 U	0.77
PFAS, TOTAL	ug/kg	-	-	-	3.568	1.135	4.188	1.135	12.196

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-30	SS-31	SS-31	SS-32	SS-32
Sample Name					SS-30-2-12	SS-31-0-2	SS-31-2-12	SS-32-0-2	SS-32-2-12
Sample Date					12/5/2022	12/5/2022	12/5/2022	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 UJ	< 0.8 U	< 0.81 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 1 UJ	< 1 UJ	< 1 U	7.1	1.2
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	R	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.051 J	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 U	< 2 UJ	< 2 UJ	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 UJ	< 2 UJ	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.042 J	0.04 J	0.016 J	0.032 J	0.049 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.37 J	< 1 UJ	0.36 J	0.17 J	0.17 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.025 J	0.031 J	< 0.2 U	0.07 J	0.041 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.036 J	0.032 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.068 J	0.19 J
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.12 J	0.12 J	0.058 J	0.022 J	0.023 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.081 J	0.075 J	0.041 J	0.38	1.2
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.1 J	0.081 J	0.064 J	< 0.2 U	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.14 J	0.13 J	0.033 J	0.065 J	0.11 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.4	0.38	0.13 J	7.8	15
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.47	0.46	0.18 J	0.055 J	0.088 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.039 J	0.091 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.11 J	< 0.39 U	0.086 J	< 0.4 U	0.048 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.052 J	0.042 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.029 J	0.031 J	< 0.2 U	0.16 J	0.13 J
PFAS, TOTAL	ug/kg	-	-	-	1.887	1.348	0.968	16.1	18.414

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-32	SS-33	SS-33	SS-33	SS-34
Sample Name					SS-32-12-24	SS-33-0-2	SS-33-2-12	SS-33-12-24	SS-34-0-2
Sample Date					5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					1 - 2 ft	0 - 0.2 ft	0.17 - 1 ft	1 - 2 ft	0 - 0.2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.79 U	< 0.79 U	< 0.79 U	< 0.8 U	< 0.81 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	0.64 J	0.59 J	0.56 J	< 0.8 U	0.46 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 9.8 U	< 9.9 U	< 9.8 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 U	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 U	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.2 U	0.028 J	0.021 J	< 0.2 U	0.034 J
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.79 UJ	< 0.79 U	< 0.79 UJ	< 0.8 U	< 0.81 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.021 J	0.039 J	0.019 J	< 0.2 U	0.037 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	0.033 J	0.03 J	< 0.2 U	0.035 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	0.4	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.1 J	0.021 J	0.018 J	0.026 J	0.016 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	1.1	0.087 J	0.074 J	< 0.2 U	0.048 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.28	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.61	0.052 J	0.035 J	0.04 J	0.046 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	13	1.9	1.3	1.1	0.89
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.36	0.031 J	0.029 J	< 0.2 U	0.035 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.066 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.16 J	0.029 J	0.026 J	< 0.4 U	0.034 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	0.019 J	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.2 U	0.028 J	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.2 U	0.074 J	0.03 J	< 0.2 U	0.053 J
PFAS, TOTAL	ug/kg	-	-	-	16.737	2.931	2.142	1.166	1.688

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-34	SS-34	SS-34	SS-35	SS-35
Sample Name					SS-84-0-2	SS-34-2-12	SS-34-12-24	SS-35-0-2	SS-35-2-12
Sample Date					5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					0 - 2 ft	0.17 - 1 ft	1 - 2 ft	0 - 0.17 ft	0.17 - 1 ft
Analyte	Unit	Criteria			Field Duplicate				
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.8 U	< 0.8 U	< 0.8 U	< 0.78 U	< 0.81 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	0.11 J	0.32 J	< 0.8 U	0.14 J	< 0.81 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 9.7 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 U	< 0.2 U	< 0.19 UJ	< 0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 U	< 1.9 UJ	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 U	< 1.9 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.028 J	< 0.2 U	< 0.2 U	0.046 J	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.8 UJ	< 0.8 U	< 0.8 U	< 0.78 U	< 0.81 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.032 J	0.05 J	0.019 J	0.046 J	0.028 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.033 J	< 0.2 U	< 0.2 U	0.033 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.2 U	0.016 J	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.034 J	< 0.2 U	< 0.2 U	0.037 J	0.027 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.044 J	< 0.2 U	0.036 J	0.036 J	< 0.2 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 UJ	< 0.2 U	< 0.19 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	1	1.2	1.2	0.74	1.2
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.028 J	< 0.4 U	0.028 J	< 0.39 U	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	0.02 J	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.19 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.05 J	< 0.2 U	< 0.2 U	0.074 J	0.049 J
PFAS, TOTAL	ug/kg	-	-	-	1.359	1.586	1.283	1.172	1.304

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-35	SS-36	SS-36	SS-36	SS-36
Sample Name					SS-35-12-24	SS-36-0-2	SS-86-0-2	SS-36-2-12	SS-36-12-24
Sample Date					5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					1 - 2 ft	0 - 0.2 ft	0 - 0.2 ft	0.17 - 1 ft	1 - 2 ft
Analyte	Unit	Criteria					Field Duplicate		
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.8 U	< 0.81 U	< 0.8 U	< 0.8 U	< 0.8 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	0.14 J	0.15 J	0.14 J	0.25 J	0.45 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 U	R	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 2 UJ	< 2 UJ	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 2 U	< 2 UJ	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.2 U	0.34	0.4	< 0.2 U	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.8 U	0.29 J	0.26 J	< 0.8 UJ	< 0.8 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.2 U	0.054 J	0.061 J	< 0.2 U	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.035 J	< 0.2 U	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.2 U	0.2 J	0.048 J	< 0.2 U	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.2 U	0.032 J	0.033 J	0.026 J	< 0.2 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.21	0.15 J	0.14 J	0.055 J	0.044 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.62	3.1	3.2	0.67	0.22
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	< 0.2 U	0.13 J	0.12 J	0.031 J	< 0.2 U
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.075 J	< 0.2 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.4 U	< 0.4 U	< 0.4 U	0.037 J	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.021 J	< 0.2 U	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	0.027 J	< 0.2 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.2 U	0.048 J	0.046 J	< 0.2 U	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	0.97	4.494	4.606	1.069	0.714

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-37	SS-37	SS-37	SS-37	SS-38
Sample Name					SS-37-0-2	SS-37-2-12	SS-37-12-24	SS-37-24-36	SS-38-0-2
Sample Date					5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					0 - 0.2 ft	0.17 - 1 ft	1 - 2 ft	2 - 3 ft	0 - 0.2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.8 U	< 0.8 U	< 0.81 U	< 0.8 U	< 0.81 UJ
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 0.8 U	< 0.8 U	< 0.81 U	< 0.8 U	3.3
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 10 U	< 10 U	< 9.9 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	0.05 J	0.052 J	0.05 J	< 0.2 U	0.049 J
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 U	< 2 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 U	< 2 U	< 2 UJ
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	1	0.57	0.45	< 0.2 U	0.52
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.18 J	< 0.8 U	< 0.81 U	< 0.8 U	0.19 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.055 J	0.063 J	0.033 J	< 0.2 U	0.095 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.039 J	0.033 J	< 0.2 U	< 0.2 U	0.032 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.027 J	0.13 J	< 0.2 U	< 0.2 U	0.066 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.15 J	0.21	0.17 J	< 0.2 U	0.22
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	2.4	2.7	1.5	0.29	4.3
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.16 J	0.16 J	0.067 J	< 0.2 U	0.24
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	0.18 J	0.15 J	0.071 J	< 0.2 U	0.13 J
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.4 U	< 0.4 U	< 0.41 U	< 0.4 U	< 0.4 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.019 J	< 0.2 U	< 0.2 U	< 0.2 U	0.021 J
Perfluorotridecanoic acid (PFTriA/PFTTrDA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	0.031 J
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.075 J	0.068 J	0.041 J	< 0.2 U	0.091 J
PFAS, TOTAL	ug/kg	-	-	-	4.335	4.136	2.382	0.29	9.285

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-38	SS-38	SS-39	SS-39	SS-39
Sample Name					SS-38-2-12	SS-38-12-24	SS-39-0-2	SS-39-2-12	SS-39-12-24
Sample Date					5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					0.17 - 1 ft	1 - 2 ft	0 - 0.2 ft	0.17 - 1 ft	1 - 2 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.8 U	< 0.78 U	< 0.8 U	< 0.8 U	< 0.8 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	1.7	1.1	0.59 J	0.24 J	0.23 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 10 U	< 9.7 U	< 10 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.19 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	0.06 J	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U	< 1.9 U	< 2 UJ	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U	< 1.9 U	< 2 UJ	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	0.047 J	0.075 J	0.47	0.04 J	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	< 0.8 U	< 0.78 U	< 0.8 U	< 0.8 UJ	< 0.8 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	0.05 J	< 0.2 U	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	0.035 J	< 0.2 U	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	0.034 J	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.027 J	< 0.19 U	0.031 J	0.096 J	< 0.2 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	0.034 J	0.017 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.1 J	0.032 J	0.072 J	0.23	< 0.2 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	1.6	0.15 J	2.1	0.91	< 0.2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.051 J	< 0.19 U	0.072 J	0.16 J	0.038 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	0.13 J	< 0.2 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	< 0.4 U	< 0.39 U	< 0.4 U	< 0.4 U	0.029 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg	-	-	-	< 0.2 U	< 0.19 U	0.028 J	< 0.2 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.027 J	< 0.19 U	0.082 J	< 0.2 U	< 0.2 U
PFAS, TOTAL	ug/kg	PFAS, TOTAL	-	-	3.552	1.357	3.72	1.744	0.314

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
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Highlight	Concentration exceeds Criteria (3)

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Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location					SS-40	SS-40	SS-40	SS-41	SS-41
Sample Name					SS-40-0-2	SS-40-2-12	SS-40-12-24	SS-41-0-2	SS-41-2-12
Sample Date					5/16/2023	5/16/2023	5/16/2023	5/16/2023	5/16/2023
Sample Depth Interval (ft bgs)					0 - 0.2 ft	0.17 - 1 ft	1 - 2 ft	0 - 0.2 ft	0.17 - 1 ft
Analyte	Unit	Criteria							
		(1)	(2)	(3)					
Per- and Polyfluoroalkyl Substances (PFAS)									
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.79 U	< 0.79 U	< 0.79 U	< 0.8 U	< 0.81 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 0.79 U	< 0.79 U	< 0.79 U	< 0.8 U	< 0.81 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 9.8 UJ	< 9.9 U	< 9.9 U	< 10 U	< 10 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ	< 0.2 UJ	< 0.2 UJ	< 0.2 U	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 U	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 UJ	< 2 UJ	< 2 UJ	< 2 U	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.47 J	0.24 J	0.2 J	0.17 J	0.26 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	0.12 J	0.13 J	0.088 J	0.041 J	0.022 J
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.054 J	0.065 J	0.04 J	0.028 J	< 0.2 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	0.13 J	0.071 J	0.037 J	0.029 J	0.036 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	0.041 J	0.056 J	< 0.2 U	0.026 J	0.039 J
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.051 J	0.051 J	0.052 J	0.04 J	0.053 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	0.2	0.21	0.11 J	0.073 J	0.041 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	1.3	1.4	0.58	0.41	0.15 J
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.29	0.23	0.067 J	0.096 J	0.072 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.082 J	0.1 J	0.071 J	0.087 J	< 0.41 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	0.028 J	0.03 J	< 0.2 U	< 0.2 U	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	0.051 J	0.059 J	0.037 J	< 0.2 U	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	0.13 J	0.15 J	0.12 J	0.075 J	0.021 J
PFAS, TOTAL	ug/kg	-	-	-	2.947	2.792	1.402	1.075	0.694

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-3B
Summary of Detected PFAS Compounds in Surface Soils
Remedial Investigation
Fortino Tire Site



Location				SS-41	
Sample Name				SS-41-12-24	
Sample Date				5/16/2023	
Sample Depth Interval (ft bgs)				1 - 2 ft	
Analyte	Unit	Criteria			
		(1)	(2)	(3)	
Per- and Polyfluoroalkyl Substances (PFAS)					
13C2-8:2 Fluorotelomer sulfonate	ug/kg	-	-	-	< 0.8 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg	-	-	-	< 0.8 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ug/kg	-	-	-	< 9.9 U
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ug/kg	-	-	-	< 0.2 UJ
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg	-	-	-	< 0.2 U
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	ug/kg	-	-	-	< 2 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg	-	-	-	< 0.2 U
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	ug/kg	-	-	-	< 2 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg	-	-	-	< 0.2 U
Perfluorobutanoic acid (PFBA)	ug/kg	-	-	-	0.19 J
Perfluorodecanesulfonic acid (PFDS)	ug/kg	-	-	-	< 0.2 U
Perfluorodecanoic acid (PFDA)	ug/kg	-	-	-	< 0.2 U
Perfluorododecanesulfonic acid (PFDoS)	ug/kg	-	-	-	< 0.2 U
Perfluorododecanoic acid (PFDoA)	ug/kg	-	-	-	0.029 J
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg	-	-	-	< 0.2 U
Perfluoroheptanoic acid (PFHpA)	ug/kg	-	-	-	< 0.2 U
Perfluorohexanesulfonic acid (PFHxS)	ug/kg	-	-	-	< 0.2 U
Perfluorohexanoic acid (PFHxA)	ug/kg	-	-	-	0.022 J
Perfluorononanesulfonic acid (PFNS)	ug/kg	-	-	-	< 0.2 U
Perfluorononanoic acid (PFNA)	ug/kg	-	-	-	< 0.2 U
Perfluorooctane sulfonamide (PFOSA)	ug/kg	-	-	-	< 0.2 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	< 0.2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.04 J
Perfluoropentanesulfonic acid (PFPeS)	ug/kg	-	-	-	< 0.2 U
Perfluoropentanoic acid (PFPeA)	ug/kg	-	-	-	0.029 J
Perfluorotetradecanoic acid (PFTeDA)	ug/kg	-	-	-	< 0.2 U
Perfluorotridecanoic acid (PFTriA/PFTriDA)	ug/kg	-	-	-	< 0.2 U
Perfluoroundecanoic acid (PFUnA)	ug/kg	-	-	-	< 0.2 U
PFAS, TOTAL	ug/kg	-	-	-	0.31

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

Table 5-4A
Summary of Detected Compounds in Sediment
Remedial Investigation
Fortino Tire Site



Location							SD-13	SD-14	SD-15	SD-16
Year							2019	2019	2019	2019
Sample Name							SD-13-00-0.5	SD-14-00-0.5	SD-15-00-0.5	SD-16
Sample Date							10/29/2019	10/29/2019	10/29/2019	10/29/2019
Sample Depth Interval (ft bgs)							0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)	(4)	(5)				
Volatile Organic Compounds (VOCs)										
Acetone	mg/kg	0.03	0.03	100	-	-	0.02 J	0.02 J	0.012 J	0.015 J
Methyl ethyl ketone (MEK, 2-Butanone)	mg/kg	0.1	0.1	100	-	-	0.015 J	< 0.047 U	< 0.035 U	< 0.036 U
Toluene	mg/kg	0.7	0.7	100	0.93	4.5	0.003 J	0.0042 J	0.002 J	0.0013 J
Semi Volatile Organic Compounds (SVOCs)										
4-Methylphenol (p-Cresol)	mg/kg	0.33	0.33	100	-	-	0.1 J	< 6 U	< 2 U	0.067 J
Benz(a)anthracene	mg/kg	1	1	1	-	-	0.031 J	< 3 U	0.14 J	< 0.25 U
Benzo(b)fluoranthene	mg/kg	2.1	1	1	-	-	< 0.3 U	< 3 U	< 1 U	0.045 J
Fluoranthene	mg/kg	1000	85	100	-	-	0.042 J	< 3 U	0.22 J	0.064 J
Fluorene	mg/kg	386	30	100	-	-	< 0.3 U	< 3 U	< 1 U	< 0.25 U
Pyrene	mg/kg	1000	64	100	-	-	0.04 J	< 3 U	0.21 J	0.058 J
Pesticides										
4,4'-DDD	mg/kg	14	0.0033	1.2	0.044	48	< 0.0058 U	0.0054 J	< 0.012 U	< 0.0024 U
4,4'-DDE	mg/kg	9.3	0.0033	0.78	0.044	48	< 0.0058 U	< 0.016 U	< 0.012 U	0.0041
4,4'-DDT	mg/kg	135	0.0033	0.78	0.044	48	0.0047 J	0.0079 J	< 0.012 U	< 0.0024 U
Endrin aldehyde	mg/kg	-	-	-	-	-	< 0.0058 U	< 0.016 U	0.0087 J	< 0.0024 U
gamma-BHC	mg/kg	0.05	0.025	0.05	0.047	0.078	0.0013 J	< 0.016 U	< 0.012 U	< 0.0024 U
Polychlorinated Biphenyls (PCBs)										
PCB-1242 (Aroclor 1242)	mg/kg	-	-	-	-	-	< 0.31 U	< 0.37 U	< 0.27 U	< 0.35 U
PCB-1248 (Aroclor 1248)	mg/kg	-	-	-	-	-	< 0.31 U	< 0.37 U	< 0.27 U	< 0.35 U
PCB-1254 (Aroclor 1254)	mg/kg	-	-	-	-	-	< 0.31 U	< 0.37 U	< 0.27 U	< 0.35 U
PCB-1260 (Aroclor 1260)	mg/kg	-	-	-	-	-	< 0.31 U	< 0.37 U	< 0.27 U	< 0.35 U
PCB-1268 (Aroclor 1268)	mg/kg	-	-	-	-	-	< 0.31 U	< 0.37 U	< 0.27 U	< 0.35 U
PCB (total)	mg//kg	-	-	-	0.1	1	ND	ND	ND	ND
Metals and Inorganics										
Aluminum	mg/kg	-	10000	-	-	-	5810	5580	5740	9260
Antimony	mg/kg	-	12	-	-	-	< 27 U	< 28 U	< 22 U	< 22 U
Arsenic	mg/kg	16	13	16	10	33	2 J-	3.5 J-	3.1 J-	1.6 J-
Barium	mg/kg	820	410	410	-	-	74.3	64.6	44.5	35.1 J+
Beryllium	mg/kg	47	4.4	8.8	-	-	0.18 J	0.22 J	0.19 J	0.15 J
Cadmium	mg/kg	7.5	2.5	2.5	1	5	0.15 J	0.11 J	0.13 J	0.13 J
Calcium	mg/kg	-	10000	-	-	-	1070 B	10200 B	1120 B	1990 B
Chromium (total)	mg/kg	19	1	1	-	-	4.9 B	7.6 B	8.7 B	10.1 J+
Cobalt	mg/kg	-	20	30	-	-	1.2	3.5 J-	2.9 J-	1.6
Copper	mg/kg	1720	50	280	32	150	2.3	11.3	16.2	3.9 J+
Iron	mg/kg	-	2000	2000	-	-	4930 J-	11300	10900	7920
Lead	mg/kg	450	63	400	36	130	15.2	8.4	26	14.8
Magnesium	mg/kg	-	-	-	-	-	514	5390	1670	1150
Manganese	mg/kg	2000	1600	2000	-	-	110	365	178	83.8
Mercury	mg/kg	0.73	0.18	0.3	0.2	1	0.072	0.031 J	0.2	0.084
Nickel	mg/kg	130	30	87	23	49	2.4 J	7.2 J	9.1	4.2 J
Potassium	mg/kg	-	-	-	-	-	318	994	800	846
Selenium	mg/kg	4	3.9	22	-	-	< 7 UJ	< 7 UJ	< 6 UJ	0.74 J
Silver	mg/kg	8.3	2	22	1	2.2	< 1 U	< 1 U	< 1 U	< 1 U
Sodium	mg/kg	-	-	-	-	-	< 249 U	< 261 U	< 204 U	< 201 U
Thallium	mg/kg	-	5	-	-	-	< 11 U	< 11 U	< 9 U	< 9 U
Vanadium	mg/kg	-	39	-	-	-	10.3	12.3	10.8	17.8
Zinc	mg/kg	2480	109	1300	120	460	10.8 J+	76.3 J+	131 J+	29.1 J+
Miscellaneous										
Cyanide	mg/kg	40	2.3	2.6	-	-	< 2 U	< 2 U	< 1 U	< 1 U
Total Organic Carbon (TOC)	mg/kg	-	-	-	-	-	25600	65500	21600	131000

Table 5-4A
Summary of Detected Compounds in Sediment
Remedial Investigation
Fortino Tire Site



Location							SD-13	SD-14	SD-15	SD-16
Year							2019	2019	2019	2019
Sample Name							SD-13-00-0.5	SD-14-00-0.5	SD-15-00-0.5	SD-16
Sample Date							10/29/2019	10/29/2019	10/29/2019	10/29/2019
Sample Depth Interval (ft bgs)							0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Unit	Criteria								
		(1)	(2)	(3)	(4)	(5)				

Notes:

Criteria = 6 NYCRR Part 375.6, Remedial Program Soil Cleanup Objectives (SCOs), Effective 12/31/25; and CP-51 Table 1 effective 10/21/10

(1) Protection of Groundwater SCOs

(2) Unrestricted Use SCOs

(3) Residential Use SCOs

Criteria = NYSDEC Screening and Assessment of Contaminated Sediments (based on 2% TOC), Freshwater Sediment Guidance Values, June 24, 2014.

(4) Class A

(5) Class C

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)
Highlight	Concentration exceeds Criteria (4)
Highlight	Concentration exceeds Criteria (5)

Definitions:

ft bgs - feet below ground surface

ND - Non Detect

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-4B
Summary of Detected PFAS Compounds in Sediment
Remedial Investigation
Fortino Tire Site



Location					SD-13	SD-14	SD-15	SD-16
Year					2019	2019	2019	2019
Sample Name					SD-13-00-0.5	SD-14-00-0.5	SD-15-00-0.5	SD-16
Sample Date					10/29/2019	10/29/2019	10/29/2019	10/29/2019
Sample Depth Interval (ft bgs)					0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft	0 - 0.5 ft
Analyte	Unit							
		(1)	(2)	(3)				
Per- and Polyfluoroalkyl Substances (PFAS)								
13C2-8:2 Fluorotelomer sulfonate	ug/kg				< 3 U	< 4 U	< 3 U	< 3 U
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	ug/kg				< 3 U	< 4 U	< 3 U	< 3 U
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ug/kg				< 3 U	< 4 U	< 3 U	< 3 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ug/kg				< 3 U	< 4 U	< 3 U	< 3 U
Perfluorobutanesulfonic acid (PFBS)	ug/kg				< 0.33 U	< 0.37 U	< 0.28 U	< 0.28 U
Perfluorobutanoic acid (PFBA)	ug/kg				< 0.33 U	< 0.37 U	< 0.28 U	< 0.28 U
Perfluorodecanesulfonic acid (PFDS)	ug/kg				< 0.33 U	< 0.37 U	< 0.28 U	< 0.28 U
Perfluorodecanoic acid (PFDA)	ug/kg				< 0.33 U	0.098 J	0.042 J	0.06 J
Perfluorododecanoic acid (PFDoA)	ug/kg				< 0.33 U	< 0.37 U	< 0.28 U	< 0.28 U
Perfluoroheptanesulfonic acid (PFHpS)	ug/kg				< 0.33 U	< 0.37 U	< 0.28 U	< 0.28 U
Perfluoroheptanoic acid (PFHpA)	ug/kg				0.066 J	< 0.37 U	< 0.28 U	0.062 J
Perfluorohexanesulfonic acid (PFHxS)	ug/kg				< 0.33 U	< 0.37 U	< 0.28 U	< 0.38 U
Perfluorohexanoic acid (PFHxA)	ug/kg				0.12 J	< 0.37 U	< 0.28 U	< 0.28 U
Perfluorononanoic acid (PFNA)	ug/kg				0.072 J	0.084 J	< 0.28 U	0.13 J
Perfluorooctane sulfonamide (PFOSA)	ug/kg				< 0.33 U	< 0.37 U	< 0.28 U	< 0.28 U
Perfluorooctanesulfonic acid (PFOS)	ug/kg	1.0	0.88	8.8	0.95 J	1.3 J	0.58 J	< 2 U
Perfluorooctanoic acid (PFOA)	ug/kg	0.8	0.66	6.6	0.2 J	< 0.37 U	< 0.28 U	0.27 J
Perfluoropentanoic acid (PFPeA)	ug/kg				< 0.33 U	< 0.37 U	< 0.28 U	< 0.28 U
Perfluorotetradecanoic acid (PFTeDA)	ug/kg				< 0.33 U	< 0.37 U	< 0.28 U	< 0.28 U
Perfluorotridecanoic acid (PFTriA/PFTrDA)	ug/kg				< 0.33 U	< 0.37 U	< 0.28 U	< 0.28 U
Perfluoroundecanoic acid (PFUnA)	ug/kg				< 0.33 U	0.11 J	0.083 J	< 0.28 U
PFAS (total)	ug/kg				1.408	1.592	0.705	0.522

Notes:

Criteria = Guidance Values presented in Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs issued April 2023.

- (1) Protection of Groundwater Guidance Values
- (2) Unrestricted Use Guidance Values
- (3) Residential Use Guidance Values

Bold	Analyte was detected
Highlight	Concentration exceeds Criteria (1)
Highlight	Concentration exceeds Criteria (2)
Highlight	Concentration exceeds Criteria (3)

Definitions:

ft bgs - feet below ground surface

J - Reported concentration is an estimated value.

U - Analyte was analyzed for but was not detected above the reported limit.

Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site

Location			SW-01	SW-02	SW-03	SW-03	SW-04
Sample Name			SW-01	SW-02	SW-03	SW-53	SW-04
Sample Date			10/28/2019	10/28/2019	10/28/2019	10/28/2019	10/28/2019
Analyte	Unit	Criteria				Field Duplicate	
		(1)					
Volatile Organic Compounds (VOCs)							
Acetone	ug/l	-	< 20 U	18 J	12 J	11 J	< 20 U
Toluene	ug/l	100	< 2 U	< 4 U	< 2 U	< 2 U	< 2 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/l	18000	< 0.21 U	0.16 J	< 0.19 U	< 0.24 U	< 0.20 UJ
3&4-Methylphenol	ug/l	-	NA	NA	NA	NA	NA
Benzaldehyde	ug/l	-	< 25 U	< 5 U	< 25 U	< 25 U	< 25 U
Bis(2-ethylhexyl)phthalate	ug/l	0.6	< 25 U	< 5 U	< 25 U	< 25 U	< 25 U
Caprolactam	ug/l	-	< 25 U	< 5 U	< 25 U	< 25 U	< 25 U
Polychlorinated Biphenyls (PCBs)							
Aroclor 1248	ug/l	-	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2 UJ
Aroclor 1254	ug/l	-	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2 UJ
Aroclor 1260	ug/l	-	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 0.50 UJ	< 2 UJ
PCBs (total)	ug/l	0.000001	ND	ND	ND	ND	ND
Metals and Inorganics							
Aluminum	ug/l	100	3400 J-	3600 J-	6800 J-	7100 J-	30500 J-
Antimony	ug/l	-	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Arsenic	ug/l	150	7.2 J	< 15 U	< 15 U	< 15 UJ	< 15 U
Barium	ug/l	-	200 J+	620 J+	230 J+	220	230 J+
Beryllium	ug/l	1100	< 2 U	< 2 U	< 2 U	< 2 U	0.36 J
Cadmium	ug/l	-	< 2 U	0.97 J	0.89 J	0.89 J	< 2 U
Calcium	ug/l	-	43700 J+	75200 J+	77300 J+	75600	41000 J+
Chromium	ug/l	-	2.7 J	3.2 J	5.2	5.7	24
Cobalt	ug/l	5	0.98 J	2 J	2.9 J	2.9 J	3.1 J
Copper	ug/l	-	4 J	13	18	17	4.3 J
Iron	ug/l	300	1700 J-	3200 J-	9300 J-	9200 J-	16500 J-
Lead	ug/l	-	3.9 J-	7.3 J-	14 J-	12 J-	16 J-
Magnesium	ug/l	-	12500	24200	19000	18500	15200
Manganese	ug/l	-	1300 B	400 B	6200 B	6000 B	100 B
Mercury	ug/l	0.0007	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U	< 0.20 U
Nickel	ug/l	-	3.8 J	86	11	11	12
Potassium	ug/l	-	2000 J+	7900 J+	8400 J+	8600 J+	5000 J+
Sodium	ug/l	-	48200	52700	6600	6600	11700
Vanadium	ug/l	14	5.2	7	12	12	45
Zinc	ug/l	-	20 J+	730 J+	130 J+	120 J+	32 J+
Miscellaneous							
Cyanide	ug/l	9000	< 10 U	< 10 U	< 10 U	7.4 J	< 10 U
Per- and Polyfluoroalkyl Substances (PFAS)							
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	13	11 J	7.1 J	7.2	5.3
Perfluorobutanoic acid (PFBA)	ng/L	-	17	50 J	15 J	15	5.2
Perfluorodecanoic acid (PFDA)	ng/L	-	< 2 U	3.2 J	1.2 J	1.4 J	< 2 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	2.4	3.1 J	3.3 J	3.4	1.2 J
Perfluoroheptanoic acid (PFHpA)	ng/L	-	11	47 J	14 J	16	4.1
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	45	53 J	26 J	27	24
Perfluorohexanoic acid (PFHxA)	ng/L	-	11	52 J	7.4 J	7.8	4
Perfluorononanoic acid (PFNA)	ng/L	-	24	25 J	14 J	15	19
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 8 U	< 8 U	< 8 U	< 8 U	< 8 U

Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site



Location			SW-01	SW-02	SW-03	SW-03	SW-04
Sample Name			SW-01	SW-02	SW-03	SW-53	SW-04
Sample Date			10/28/2019	10/28/2019	10/28/2019	10/28/2019	10/28/2019
Analyte	Unit	Criteria				Field Duplicate	
		(1)					
Perfluorooctanesulfonic acid (PFOS)	ng/L	160000	49	100 J	77 J	80	20 NJ
Perfluorooctanoic acid (PFOA)	ng/L	-	76	180 J	93 J	97	36
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	NA	NA	NA	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	10	76 J	8.5 J	8.8	5.3
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 2 U	< 2 U	< 2 U	0.69 J	< 2 U
PFAS (total)	ng/L	-	258.4	600.3	266.5	279.29	124.1

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class C, Protection for Fresh Surface Waters

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site

Location			SW-05	SW-06	SW-07	SW-08	SW-08
Sample Name			SW-05	SW-06	SW-07	SW-08	SW-58
Sample Date			10/28/2019	10/28/2019	10/25/2022	11/28/2022	11/28/2022
Analyte	Unit	Criteria					Field Duplicate
		(1)					
Volatile Organic Compounds (VOCs)							
Acetone	ug/l	-	5.5 J	3.8 J	4.4 J	4.2 J	5 J
Toluene	ug/l	100	< 1 U	< 1 U	< 0.22 U	< 0.22 U	< 0.22 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/l	18000	< 0.20 U	< 0.19 U	< 0.04 U	0.33	0.41
3&4-Methylphenol	ug/l	-	NA	NA	< 0.47 U	< 0.48 U	< 0.46 U
Benzaldehyde	ug/l	-	< 5 U	0.47 J	< 0.46 U	< 0.47 U	< 0.45 U
Bis(2-ethylhexyl)phthalate	ug/l	0.6	< 5 U	< 5 U	< 1 U	< 1 U	1.3 J
Caprolactam	ug/l	-	< 5 U	< 5 U	1.9 J	< 0.3 U	< 0.29 U
Polychlorinated Biphenyls (PCBs)							
Aroclor 1248	ug/l	-	< 0.50 UJ	< 0.50 UJ	< 0.099 U	0.69	0.5
Aroclor 1254	ug/l	-	< 0.50 UJ	< 0.50 UJ	< 0.087 U	0.9	0.73
Aroclor 1260	ug/l	-	< 0.50 UJ	< 0.50 UJ	< 0.069 U	0.35	0.23
PCBs (total)	ug/l	0.000001	ND	ND	ND	1.94	1.46
Metals and Inorganics							
Aluminum	ug/l	100	4600 J	3500 J-	40000	250	250
Antimony	ug/l	-	< 20 U	< 20 U	< 9 U	< 9 U	< 9 U
Arsenic	ug/l	150	< 15 U	< 15 UJ	12	< 5 U	< 5 U
Barium	ug/l	-	22 J+	42	5000	440	440
Beryllium	ug/l	1100	< 2 U	< 2 U	9.1	< 1 U	< 1 U
Cadmium	ug/l	-	< 2 U	0.5 J	17	5.6	NA
Calcium	ug/l	-	3900 J+	3300	390000	84000	82000
Chromium	ug/l	-	3.3 J	1.1 J	14	< 2 U	< 2 U
Cobalt	ug/l	5	< 4 U	0.83 J	92	4.2 J	4.2 J
Copper	ug/l	-	2.3 J	5.8 J	29	240	NA
Iron	ug/l	300	1300 J-	1400 J-	57000	5100	5100
Lead	ug/l	-	3.7 J-	24 J-	110	120	120
Magnesium	ug/l	-	2100	880	33000	17000	17000
Manganese	ug/l	-	62 B	73 B	22000	89	88
Mercury	ug/l	0.0007	< 0.20 U	< 0.20 U	0.35	0.36	0.33
Nickel	ug/l	-	1.6 J	3.2 J	260	190	190
Potassium	ug/l	-	1000 J+	1300 J+	12000	4200	4000
Sodium	ug/l	-	1400	990 J	8800	17000	16000
Vanadium	ug/l	14	5.4	2.8 J	55	11	10
Zinc	ug/l	-	19 J+	50 J+	5000	1600	NA
Miscellaneous							
Cyanide	ug/l	9000	< 10 U	7.2 J	18	< 10 U	< 10 U
Per- and Polyfluoroalkyl Substances (PFAS)							
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	0.75 J	0.52 J	NA	9.3	9.9
Perfluorobutanoic acid (PFBA)	ng/L	-	3.4	4.2 J	NA	4.7 J	7.5 J
Perfluorodecanoic acid (PFDA)	ng/L	-	< 2 U	< 2 UJ	NA	0.44 J	< 5 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	< 2 U	< 2 UJ	NA	2.2	1.8 J
Perfluoroheptanoic acid (PFHpA)	ng/L	-	1.2 J	1.5 J	NA	9.8	9.7
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	2.4	0.71 J	NA	41	39
Perfluorohexanoic acid (PFHxA)	ng/L	-	1.2 J	1.3 J	NA	11	10
Perfluorononanoic acid (PFNA)	ng/L	-	0.54 J	1.3 J	NA	6.3	6.4
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 8 U	< 9 UJ	NA	< 1 U	< 5 U

Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site

Location			SW-05	SW-06	SW-07	SW-08	SW-08
Sample Name			SW-05	SW-06	SW-07	SW-08	SW-58
Sample Date			10/28/2019	10/28/2019	10/25/2022	11/28/2022	11/28/2022
Analyte	Unit	Criteria					Field Duplicate
		(1)					
Perfluorooctanesulfonic acid (PFOS)	ng/L	160000	9.3 NJ	3.5 J	NA	58	53
Perfluorooctanoic acid (PFOA)	ng/L	-	3.7	3.2 J	NA	74	73
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	NA	NA	12	12
Perfluoropentanoic acid (PFPA)	ng/L	-	1.5 J	1.5 J	NA	< 2 U	< 10 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 2 U	< 2 UJ	NA	< 1 U	< 5 U
PFAS (total)	ng/L	-	23.99	17.73	NA	228.74	222.3

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class C, Protection for Fresh Surface Waters

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site

Location			SW-09	SW-09	SW-10	SW-11	SW-12
Sample Name			SW-09	SW-09	SW-10	SW-11	SW-12
Sample Date			11/28/2022	5/17/2023	11/28/2022	11/28/2022	11/28/2022
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
Acetone	ug/l	-	13 J	NA	9.9 J	7.2 J	9.7 J
Toluene	ug/l	100	< 0.22 U	NA	< 0.22 U	0.67 J	2.2
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/l	18000	< 0.038 U	NA	0.11 J	< 0.037 U	0.21 J
3&4-Methylphenol	ug/l	-	< 1 U	NA	< 1 U	< 0.48 U	< 0.47 U
Benzaldehyde	ug/l	-	< 1 U	NA	< 0.5 U	< 0.48 U	< 0.46 U
Bis(2-ethylhexyl)phthalate	ug/l	0.6	< 1 U	NA	< 1 U	< 1 U	< 1 U
Caprolactam	ug/l	-	< 0.35 U	NA	< 0.32 U	< 0.3 U	< 0.29 U
Polychlorinated Biphenyls (PCBs)							
Aroclor 1248	ug/l	-	< 0.096 U	< 0.19 U	< 0.094 U	< 0.088 U	< 0.088 U
Aroclor 1254	ug/l	-	< 0.085 U	< 0.19 U	< 0.083 U	< 0.077 U	0.11 J
Aroclor 1260	ug/l	-	0.32	< 0.19 U	< 0.066 U	< 0.061 U	0.24
PCBs (total)	ug/l	0.000001	0.32	ND	ND	ND	0.35
Metals and Inorganics							
Aluminum	ug/l	100	370	3200	110	5100	1700
Antimony	ug/l	-	< 9 U	< 50 U	< 9 U	< 9 U	< 9 U
Arsenic	ug/l	150	< 5 U	< 10 U	< 5 U	< 5 U	< 5 U
Barium	ug/l	-	12000	230	2500	1700	1300
Beryllium	ug/l	1100	< 1 U	< 4 U	< 1 U	< 1 U	< 1 U
Cadmium	ug/l	-	2.3 J	< 4 U	< 1 U	1.3 J	10
Calcium	ug/l	-	100000	95000	52000	63000	94000
Chromium	ug/l	-	< 2 U	< 10 U	< 2 U	< 2 U	< 2 U
Cobalt	ug/l	5	25	3 J	3.8 J	5.3 J	29
Copper	ug/l	-	35	6.9 J	10	< 4 U	110
Iron	ug/l	300	21000	2600 J	12000	9000	22000
Lead	ug/l	-	7.4 J	24	< 3 U	19	63
Magnesium	ug/l	-	16000	14000	14000	19000	24000
Manganese	ug/l	-	47000	2600 J	12000	980	1000
Mercury	ug/l	0.0007	0.23	NA	< 0.04 U	0.46	0.33
Nickel	ug/l	-	460	< 10 U	31	64	840
Potassium	ug/l	-	6100	2100	7800	8900	12000
Sodium	ug/l	-	18000	4000	32000	37000	48000
Vanadium	ug/l	14	8.2 J	7.1 J	9.5 J	36	25
Zinc	ug/l	-	3400	170 J	210	370	7100
Miscellaneous							
Cyanide	ug/l	9000	< 10 U	NA	< 10 U	< 10 U	< 10 U
Per- and Polyfluoroalkyl Substances (PFAS)							
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	7.1 J	NA	11	< 1 U	0.55 J
Perfluorobutanoic acid (PFBA)	ng/L	-	15 J	NA	14 J	< 4 U	1.4 J
Perfluorodecanoic acid (PFDA)	ng/L	-	< 11 U	NA	< 5 U	< 1 U	< 1 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	< 11 U	NA	1.5 J	< 1 U	< 1 U
Perfluoroheptanoic acid (PFHpA)	ng/L	-	5.6 J	NA	9.6	0.3 J	1.1
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	30	NA	41	0.84 J	2.9
Perfluorohexanoic acid (PFHxA)	ng/L	-	6 J	NA	13	0.42 J	1.2
Perfluorononanoic acid (PFNA)	ng/L	-	10 J	NA	12	0.89 J	1.8
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 11 U	NA	< 5 U	< 1 U	< 1 U

Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site



Location			SW-09	SW-09	SW-10	SW-11	SW-12
Sample Name			SW-09	SW-59	SW-10	SW-11	SW-12
Sample Date			11/28/2022	5/17/2023	11/28/2022	11/28/2022	11/28/2022
Analyte	Unit	Criteria					
		(1)					
Perfluorooctanesulfonic acid (PFOS)	ng/L	160000	35	NA	33	1.2	3.6
Perfluorooctanoic acid (PFOA)	ng/L	-	42	NA	50	1.8	6.8
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	8.8 J	NA	13	0.25 J	0.63 J
Perfluoropentanoic acid (PFPA)	ng/L	-	< 21 U	NA	< 10 U	< 2 U	< 2 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 11 U	NA	< 5 U	< 1 U	< 1 U
PFAS (total)	ng/L	-	159.5	NA	198.1	5.7	19.98

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class C, Protection for Fresh Surface Waters

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria

Definitions:

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J+ - Reported concentration is an estimated value, and may be biased high.

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NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

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Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site

Location			SW-13	SW-14	SW-15	SW-16	SW-17
Sample Name			SW-13	SW-14	SW-15	SW-16	SW-17
Sample Date			11/28/2022	11/28/2022	11/29/2022	11/28/2022	11/29/2022
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
Acetone	ug/l	-	7.1 J	7.1 J	5.4 J	10 J	4.3 J
Toluene	ug/l	100	< 2 U	0.54 J	< 2 U	< 2 U	< 2 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/l	18000	< 0.22 U	< 0.21 U	< 0.21 U	< 0.22 U	< 0.2 U
3&4-Methylphenol	ug/l	-	< 11 U	0.84 J	0.8 J	< 10 U	< 10 U
Benzaldehyde	ug/l	-	< 11 U	< 10 U	< 11 U	< 10 U	< 10 U
Bis(2-ethylhexyl)phthalate	ug/l	0.6	< 11 U	< 10 U	< 11 U	< 10 U	< 10 U
Caprolactam	ug/l	-	< 11 U	< 10 U	< 11 U	< 10 U	< 10 U
Polychlorinated Biphenyls (PCBs)							
Aroclor 1248	ug/l	-	< 0.21 U	< 0.2 U	< 0.22 U	< 0.21 U	< 0.21 U
Aroclor 1254	ug/l	-	< 0.21 U	< 0.2 U	< 0.22 U	0.085 J	< 0.21 U
Aroclor 1260	ug/l	-	< 0.21 U	< 0.2 U	< 0.22 U	< 0.21 U	0.22
PCBs (total)	ug/l	0.000001	ND	ND	ND	0.085	0.22
Metals and Inorganics							
Aluminum	ug/l	100	18000	12000	130	7200	67
Antimony	ug/l	-	12 J	12 J	9.9 J	11 J	12 J
Arsenic	ug/l	150	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Barium	ug/l	-	1100	650	27 J	39 J	61
Beryllium	ug/l	1100	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Cadmium	ug/l	-	< 4 U	1.3 J	< 4 U	< 4 U	< 4 U
Calcium	ug/l	-	31000	46000	27000	25000	40000
Chromium	ug/l	-	14	8.5 J	< 10 U	4 J	< 10 U
Cobalt	ug/l	5	5.4 J	4.9 J	< 10 U	< 10 U	< 10 U
Copper	ug/l	-	7.1 J	9.6 J	< 10 U	13	< 10 U
Iron	ug/l	300	11000	7200	400	5800	72 B
Lead	ug/l	-	18	30	< 10 U	14	< 10 U
Magnesium	ug/l	-	13000	14000	10000	10000	9900
Manganese	ug/l	-	650	2300	780	230	6.9 J
Mercury	ug/l	0.0007	0.21	0.14	0.052 J	0.23	< 0.1 U
Nickel	ug/l	-	19	14	< 10 U	< 10 U	< 10 U
Potassium	ug/l	-	8300	5800	1300 J	6300	1400 J
Sodium	ug/l	-	21000	13000	12000	7000	8900
Vanadium	ug/l	14	29	20	< 10 U	13	< 10 U
Zinc	ug/l	-	92	130	5 J	41 B	7.9 J
Miscellaneous							
Cyanide	ug/l	9000	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Per- and Polyfluoroalkyl Substances (PFAS)							
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	5 J	5.6 J	5.2	3.2 J	5.9
Perfluorobutanoic acid (PFBA)	ng/L	-	12 J	15 J	6.5 J	7.5 J	3.3 J
Perfluorodecanoic acid (PFDA)	ng/L	-	< 5 U	< 11 U	< 1 U	< 5 U	< 1 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	< 5 U	< 11 U	0.46 J	1.4 J	0.44 J
Perfluoroheptanoic acid (PFHpA)	ng/L	-	6.2	7.3 J	4.7	4.1 J	2.9
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	23	25	16	14	17
Perfluorohexanoic acid (PFHxA)	ng/L	-	6.1	6 J	3.7	2.2 J	3
Perfluorononanoic acid (PFNA)	ng/L	-	11	11	3.7	4.8 J	4.2
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 5 U	< 11 U	0.69 J	< 5 U	0.35 J

Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site



Location			SW-13	SW-14	SW-15	SW-16	SW-17
Sample Name			SW-13	SW-14	SW-15	SW-16	SW-17
Sample Date			11/28/2022	11/28/2022	11/29/2022	11/28/2022	11/29/2022
Analyte	Unit	Criteria					
		(1)					
Perfluorooctanesulfonic acid (PFOS)	ng/L	160000	16	33	< 1 U	29	< 1 U
Perfluorooctanoic acid (PFOA)	ng/L	-	35	47	28	32	16
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	7.9	7.6 J	4.4	3.5 J	5.9
Perfluoropentanoic acid (PFPA)	ng/L	-	< 10 U	< 22 U	< 2 U	2.7 J	< 2 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 5 U	< 11 U	< 1 U	< 5 U	< 1 U
PFAS (total)	ng/L	-	122.2	157.5	73.35	104.4	58.99

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class C, Protection for Fresh Surface Waters

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria

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Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site

Location			SW-18	SW-19	SW-19	SW-20	SW-21
Sample Name			SW-18	SW-19	SW-59	SW-20	SW-21
Sample Date			11/29/2022	5/17/2023	5/17/2023	5/17/2023	5/17/2023
Analyte	Unit	Criteria			Field Duplicate		
		(1)					
Volatile Organic Compounds (VOCs)							
Acetone	ug/l	-	3.2 J	NA	NA	NA	NA
Toluene	ug/l	100	< 1 U	NA	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/l	18000	< 0.22 U	NA	NA	NA	NA
3&4-Methylphenol	ug/l	-	< 11 U	NA	NA	NA	NA
Benzaldehyde	ug/l	-	< 11 U	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	ug/l	0.6	< 11 U	NA	NA	NA	NA
Caprolactam	ug/l	-	< 11 U	NA	NA	NA	NA
Polychlorinated Biphenyls (PCBs)							
Aroclor 1248	ug/l	-	< 0.21 U	< 0.17 U	NA	< 0.19 U	< 0.19 UJ
Aroclor 1254	ug/l	-	< 0.21 U	< 0.17 U	NA	< 0.19 U	< 0.19 UJ
Aroclor 1260	ug/l	-	< 0.21 U	< 0.17 U	NA	< 0.19 U	< 0.19 UJ
PCBs (total)	ug/l	0.000001	ND	ND	NA	ND	ND
Metals and Inorganics							
Aluminum	ug/l	100	980	610 J	NA	870	370
Antimony	ug/l	-	< 50 U	< 50 U	NA	8.9 J	< 50 U
Arsenic	ug/l	150	< 10 U	< 10 U	NA	23	45
Barium	ug/l	-	15 J	130	NA	670	370
Beryllium	ug/l	1100	< 4 U	< 4 U	NA	< 4 U	< 4 U
Cadmium	ug/l	-	< 4 U	< 4 U	NA	< 4 U	< 4 U
Calcium	ug/l	-	4100	84000	NA	75000	64000
Chromium	ug/l	-	< 10 U	< 10 U	NA	< 10 U	< 10 U
Cobalt	ug/l	5	< 10 U	< 10 U	NA	< 10 U	< 10 U
Copper	ug/l	-	4.8 J	< 10 U	NA	10	< 10 U
Iron	ug/l	300	1100	820 J	NA	3100	16000
Lead	ug/l	-	< 10 U	8.3 J	NA	22	< 10 U
Magnesium	ug/l	-	1100	13000	NA	20000	17000
Manganese	ug/l	-	77	1400 J	NA	2700	5300
Mercury	ug/l	0.0007	< 0.1 U	NA	NA	NA	NA
Nickel	ug/l	-	< 10 U	< 10 U	NA	24	< 10 U
Potassium	ug/l	-	600 J	2300	NA	8000	3500
Sodium	ug/l	-	710 J	3600	NA	31000	27000
Vanadium	ug/l	14	< 10 U	< 10 U	NA	< 10 U	< 10 U
Zinc	ug/l	-	79	44 J	NA	59	21
Miscellaneous							
Cyanide	ug/l	9000	< 10 U	NA	NA	NA	NA
Per- and Polyfluoroalkyl Substances (PFAS)							
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	< 5 U	8.4	9.7	9.5	9.6
Perfluorobutanoic acid (PFBA)	ng/L	-	< 21 U	18	21	16 J	19 J
Perfluorodecanoic acid (PFDA)	ng/L	-	< 5 U	0.95 J	1.1 J	1.1 J	1.1 J
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	< 5 U	8.2	8.9	1.9 J	< 5 U
Perfluoroheptanoic acid (PFHpA)	ng/L	-	< 5 U	9.9	8.9	14	15
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	1 J	150	160	57	42
Perfluorohexanoic acid (PFHxA)	ng/L	-	< 5 U	24	21	22	13
Perfluorononanoic acid (PFNA)	ng/L	-	1.1 J	23	22	14	12
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 5 U	< 1 U	< 5 U	< 5 U	< 5 U

Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site

Location			SW-18	SW-19	SW-19	SW-20	SW-21
Sample Name			SW-18	SW-19	SW-59	SW-20	SW-21
Sample Date			11/29/2022	5/17/2023	5/17/2023	5/17/2023	5/17/2023
Analyte	Unit	Criteria			Field Duplicate		
		(1)					
Perfluorooctanesulfonic acid (PFOS)	ng/L	160000	< 5 U	190	190	56	46
Perfluorooctanoic acid (PFOA)	ng/L	-	< 5 U	38	37	110	88
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	< 5 U	25	25	17	12
Perfluoropentanoic acid (PFPA)	ng/L	-	< 11 U	12	12	20	27
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 5 U	< 1 U	< 5 U	< 5 U	< 5 U
PFAS (total)	ng/L	-	2.1	507.45	516.6	338.5	284.7

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class C, Protection for Fresh Surface Waters

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria

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Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site

Location			SW-22	SW-23	SW-24
Sample Name			SW-22	SW-23	SW-24
Sample Date			5/17/2023	5/17/2023	5/17/2023
Analyte	Unit	Criteria			
		(1)			
Volatile Organic Compounds (VOCs)					
Acetone	ug/l	-	NA	NA	NA
Toluene	ug/l	100	NA	NA	NA
Semi Volatile Organic Compounds (SVOCs)					
1,4-Dioxane	ug/l	18000	NA	NA	NA
3&4-Methylphenol	ug/l	-	NA	NA	NA
Benzaldehyde	ug/l	-	NA	NA	NA
Bis(2-ethylhexyl)phthalate	ug/l	0.6	NA	NA	NA
Caprolactam	ug/l	-	NA	NA	NA
Polychlorinated Biphenyls (PCBs)					
Aroclor 1248	ug/l	-	< 0.19 U	< 0.19 U	< 0.2 U
Aroclor 1254	ug/l	-	< 0.19 U	< 0.19 U	< 0.2 U
Aroclor 1260	ug/l	-	< 0.19 U	< 0.19 U	< 0.2 U
PCBs (total)	ug/l	0.000001	ND	ND	ND
Metals and Inorganics					
Aluminum	ug/l	100	360	910	920
Antimony	ug/l	-	< 50 U	< 50 U	< 50 U
Arsenic	ug/l	150	23	15	< 10 U
Barium	ug/l	-	540	160	200
Beryllium	ug/l	1100	< 4 U	< 4 U	< 4 U
Cadmium	ug/l	-	< 4 U	< 4 U	< 4 U
Calcium	ug/l	-	59000	31000	120000
Chromium	ug/l	-	< 10 U	< 10 U	< 10 U
Cobalt	ug/l	5	< 10 U	< 10 U	< 10 U
Copper	ug/l	-	< 10 U	< 10 U	4 J
Iron	ug/l	300	11000	910	1600
Lead	ug/l	-	< 10 U	8.6 J	8 J
Magnesium	ug/l	-	21000	12000	22000
Manganese	ug/l	-	2800	800	1500
Mercury	ug/l	0.0007	NA	NA	NA
Nickel	ug/l	-	< 10 U	< 10 U	< 10 U
Potassium	ug/l	-	6000	2600	12000
Sodium	ug/l	-	34000	26000	2100
Vanadium	ug/l	14	< 10 U	< 10 U	< 10 U
Zinc	ug/l	-	20	28	44
Miscellaneous					
Cyanide	ug/l	9000	NA	NA	NA
Per- and Polyfluoroalkyl Substances (PFAS)					
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	7.4	8.7	< 20 U
Perfluorobutanoic acid (PFBA)	ng/L	-	24	30	46 J
Perfluorodecanoic acid (PFDA)	ng/L	-	0.82 J	0.42 J	< 20 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	2.4	0.99 J	< 20 U
Perfluoroheptanoic acid (PFHpA)	ng/L	-	13	16	11 J
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	49	29	85
Perfluorohexanoic acid (PFHxA)	ng/L	-	20	15	25
Perfluorononanoic acid (PFNA)	ng/L	-	39	23	12 J
Perfluorooctane sulfonamide (FOSA)	ng/L	-	2.1	< 2 U	< 20 U

Table 5-5
Summary of Detected Compounds in Surface Water
Remedial Investigation
Fortino Tire Site

Location			SW-22	SW-23	SW-24
Sample Name			SW-22	SW-23	SW-24
Sample Date			5/17/2023	5/17/2023	5/17/2023
Analyte	Unit	Criteria			
		(1)			
Perfluorooctanesulfonic acid (PFOS)	ng/L	160000	42	21	220
Perfluorooctanoic acid (PFOA)	ng/L	-	83	87	40
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	13	11	12 J
Perfluoropentanoic acid (PFPA)	ng/L	-	20	18	27 J
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 2 U	< 2 U	< 20 U
PFAS (total)	ng/L	-	315.72	260.11	478

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class C, Protection for Fresh Surface Waters

Bold

Analyte was detected

Highlight

Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-001	FT-MW-001	FT-MW-001	FT-MW-001	FT-MW-101
Sample Name			FT-MW-001-191126	FT-MW-001-200622	FT-MW-001	FT-MW-001 Filtered	FT-MW-101-191127
Sample Date			11/26/2019	6/22/2020	12/9/2022	12/9/2022	11/27/2019
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	< 1 U	< 1 U	< 1 U	NA	< 10 U
1,4-Dichlorobenzene	ug/L	3	< 1 U	< 1 U	< 1 U	NA	< 10 U
Acetone	ug/L	50	< 10 U	< 10 UJ	< 50 U	NA	< 100 U
Benzene	ug/L	1	< 1 U	< 1 U	< 1 U	NA	< 10 U
Carbon disulfide	ug/L	60	< 1 U	< 1 U	< 5 U	NA	< 10 U
Chlorobenzene	ug/L	5	< 1 U	< 1 U	< 1 U	NA	< 10 U
Chloroform	ug/L	7	< 1 U	< 1 U	< 2 U	NA	< 10 U
Dichlorodifluoromethane	ug/L	5	< 1 U	< 1 U	< 2 U	NA	< 10 U
Ethylbenzene	ug/L	5	< 1 U	< 1 U	< 1 U	NA	< 10 U
Isopropylbenzene (Cumene)	ug/L	5	< 1 U	< 1 U	< 1 U	NA	< 10 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	< 10 U	< 10 U	< 20 U	NA	< 100 U
Methyl tert-butyl ether (MTBE)	ug/L	10	< 1 U	< 1 U	< 1 U	NA	< 10 U
Methylene chloride	ug/L	5	< 1 U	< 1 U	< 5 U	NA	< 10 U
Toluene	ug/L	5	< 1 U	< 1 U	< 1 U	NA	< 10 U
Trichloroethylene	ug/L	5	< 1 U	< 1 U	< 1 U	NA	< 10 U
Vinyl chloride	ug/L	2	< 1 U	< 1 U	< 2 U	NA	< 10 U
Xylenes (total)	ug/L	5	< 2 U	< 2 U	< 1 U	NA	9.6 J
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	< 0.21 U	< 0.19 U	< 0.2 U	NA	0.39
2,4-Dimethylphenol	ug/L	1	< 5 U	< 5 U	< 10 U	NA	< 25 U
2,6-Dinitrotoluene	ug/L	5	< 5 U	< 5 U	< 10 U	NA	< 25 U
2-Methylnaphthalene	ug/L	-	< 5 U	< 5 U	< 5 U	NA	< 25 U
2-Nitroaniline	ug/L	5	< 10 U	< 11 U	< 10 U	NA	< 50 UJ
3&4-Methylphenol	ug/L	1	NA	NA	< 10 U	NA	NA
4-Methylphenol (p-Cresol)	ug/L	1	< 10 U	< 11 U	NA	NA	< 50 U
4-Nitrophenol	ug/L	1	< 10 U	< 11 UJ	< 10 UJ	NA	< 50 U
Bis(2-ethylhexyl)phthalate	ug/L	5	< 5 U	< 5 U	< 10 U	NA	< 25 U
Caprolactam	ug/L	-	< 5 U	< 5 U	< 10 U	NA	< 25 U
Carbazole	ug/L	-	< 5 U	< 5 U	< 10 U	NA	< 25 UJ
Diethyl phthalate	ug/L	50	< 5 U	< 5 U	< 10 U	NA	< 25 U
Di-n-butyl phthalate	ug/L	50	< 5 U	< 5 U	< 10 U	NA	< 25 U
Di-n-octyl phthalate	ug/L	50	< 5 U	< 5 U	< 10 U	NA	< 25 U
Naphthalene	ug/L	10	< 5 U	< 5 U	< 5 U	NA	< 25 U
Nitrobenzene	ug/L	0.4	< 5 U	< 5 U	< 10 U	NA	< 25 U
N-Nitroso-di-n-propylamine	ug/L	-	< 5 U	< 5 U	< 10 UJ	NA	< 25 U
N-Nitrosodiphenylamine	ug/L	50	< 5 U	< 5 U	< 10 U	NA	< 25 U
Phenanthrene	ug/L	50	< 5 U	< 5 U	< 5 U	NA	< 25 U
Phenol	ug/L	1	< 5 U	< 5 U	< 10 U	NA	< 25 U
Pesticides							
4,4'-DDD	ug/L	0.3	0.016 J	< 0.054 UJ	< 0.04 U	NA	< 0.25 U
4,4'-DDE	ug/L	0.2	< 0.057 U	< 0.054 UJ	< 0.04 U	NA	< 0.25 U
4,4'-DDT	ug/L	0.2	< 0.057 U	< 0.054 UJ	< 0.04 U	NA	< 0.25 U
Aldrin	ug/L	ND	< 0.057 U	< 0.054 U	< 0.05 U	NA	< 0.25 U
alpha-BHC	ug/L	0.01	0.01 J	< 0.054 U	< 0.05 U	NA	< 0.25 U
beta-BHC	ug/L	0.04	< 0.057 U	< 0.054 U	< 0.05 U	NA	< 0.25 U
delta-BHC	ug/L	0.04	< 0.057 U	0.021 J	< 0.05 U	NA	< 0.25 U
Dieldrin	ug/L	0.004	< 0.057 U	< 0.054 UJ	< 0.002 U	NA	< 0.25 U
Endosulfan I	ug/L	-	< 0.057 U	< 0.054 UJ	< 0.05 U	NA	0.086 J
Endosulfan II	ug/L	-	< 0.057 U	< 0.054 UJ	< 0.08 U	NA	< 0.25 U
Endosulfan sulfate	ug/L	-	< 0.057 U	< 0.054 UJ	< 0.08 U	NA	< 0.25 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-001	FT-MW-001	FT-MW-001	FT-MW-001	FT-MW-101
Sample Name			FT-MW-001-191126	FT-MW-001-200622	FT-MW-001	FT-MW-001 Filtered	FT-MW-101-191127
Sample Date			11/26/2019	6/22/2020	12/9/2022	12/9/2022	11/27/2019
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	< 0.057 U	< 0.054 UJ	< 0.08 U	NA	< 0.25 U
Endrin aldehyde	ug/L	5	< 0.057 U	< 0.054 UJ	< 0.08 U	NA	< 0.25 U
Endrin ketone	ug/L	5	< 0.057 U	< 0.054 UJ	< 0.08 U	NA	< 0.25 U
gamma-BHC (Lindane)	ug/L	0.05	< 0.057 U	< 0.054 U	< 0.03 U	NA	< 0.25 U
gamma-Chlordane	ug/L	0.05	< 0.057 U	< 0.054 UJ	NA	NA	< 0.25 U
Heptachlor	ug/L	0.04	< 0.057 U	< 0.054 U	< 0.05 U	NA	< 0.25 U
Heptachlor epoxide	ug/L	0.03	< 0.057 U	< 0.054 U	< 0.05 U	NA	< 0.25 U
Hexachlorobenzene	ug/L	0.04	NA	NA	NA	NA	NA
Methoxychlor	ug/L	35	< 0.057 U	< 0.054 UJ	< 0.5 U	NA	< 0.25 U
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.50 U
Aroclor 1242	ug/L	-	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.50 U
Aroclor 1254	ug/L	-	< 1 U	< 1 U	< 0.20 U	< 0.20 U	< 0.50 U
Aroclor 1260	ug/L	-	< 1 U	< 1 UJ	< 0.20 U	< 0.20 U	< 0.50 U
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Dichlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Trichlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Tetrachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Pentachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Hexachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Heptachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Octachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Nonachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Decachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
PCB Homologues (total)	ug/L	-	NA	NA	NA	NA	NA
Metals							
Aluminum	ug/L	-	1800 J+	1900	1500	310	150 J+
Antimony	ug/L	3	< 20 U	< 20 U	< 50 U	< 50 U	< 20 U
Arsenic	ug/L	25	< 15 U	< 15 U	< 10 U	< 10 U	< 15 U
Barium	ug/L	1000	14	18	9.6 J	6.2 J	3000 J+
Beryllium	ug/L	3	< 2 U	< 2 U	< 4 U	< 4 U	< 2 U
Cadmium	ug/L	5	< 2 U	< 2 U	< 4 U	< 4 U	< 2 UJ
Calcium	ug/L	-	2800	4300	3200	3100	43000
Chromium	ug/L	50	< 4 U	2.3 J	< 10 U	< 10 U	< 4 U
Cobalt	ug/L	-	1 J-	1.3 J	< 10 U	< 10 U	2.2 J
Copper	ug/L	200	< 10 UJ	2.9 J	< 10 U	< 10 U	4.5 J-
Iron	ug/L	300	5900	5500	4200	110	22500
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	< 10 U	27 J+
Magnesium	ug/L	35000	630	850	620	520	19000
Manganese	ug/L	300	180	330	23	21	140 J+
Mercury	ug/L	0.7	< 0.20 U	< 0.20 U	0.12 B	0.1 B	< 0.20 U
Nickel	ug/L	100	< 10 U	1.4 J	< 10 U	< 10 U	71
Potassium	ug/L	-	250 J	< 500 U	< 2000 U	< 2000 U	12100
Selenium	ug/L	10	< 25 UJ	< 25 U	< 50 U	< 50 U	< 25 UJ
Sodium	ug/L	20000	770 J	830 J	5500	< 2000 U	78300
Vanadium	ug/L	-	2.5 J	2.4 J	< 10 U	< 10 U	< 5 U
Zinc	ug/L	2000	6.3 J	5.2 J	6.9 J	< 10 U	54
Miscellaneous							
Cyanide	ug/L	200	< 10 U	< 10 U	< 10 U	NA	7.9 J

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-001	FT-MW-001	FT-MW-001	FT-MW-001	FT-MW-101
Sample Name			FT-MW-001-191126	FT-MW-001-200622	FT-MW-001	FT-MW-001 Filtered	FT-MW-101-191127
Sample Date			11/26/2019	6/22/2020	12/9/2022	12/9/2022	11/27/2019
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	2.4 J	< 18 U	< 1 UJ	NA	19 J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	2.7 J	< 18 U	< 1 UJ	NA	9.8 J
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	6.6	< 2 U	< 1 UJ	NA	9.5 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	NA	NA	< 47 UJ	NA	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	27 B	< 2 U	1.3 J	NA	26 J
Perfluorodecanoic acid (PFDA)	ng/L	-	1.2 J	< 2 U	< 1 UJ	NA	1.1 J
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	2.1	< 2 U	< 1 UJ	NA	4.4 J
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA	NA	< 2 UJ	NA	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	14	< 2 U	< 1 UJ	NA	19 J
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	36	< 2 U	0.48 J	NA	58 J
Perfluorohexanoic acid (PFHxA)	ng/L	-	13	< 2 U	0.21 J	NA	13 J
Perfluorononanesulfonic acid (PFNS)	ng/L	-	NA	NA	< 1 UJ	NA	NA
Perfluorononanoic acid (PFNA)	ng/L	-	6.5	< 2 U	< 1 UJ	NA	14 J
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 10 U	< 2 U	< 1 UJ	NA	< 11 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	50	< 2 U	< 1 UJ	NA	77 J
Perfluorooctanoic acid (PFOA)	ng/L	6.7	87	< 2 U	0.33 J	NA	160 J
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	NA	< 1 UJ	NA	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	10	< 2 U	0.36 J	NA	3.2 J
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 2 U	< 2 U	< 1 UJ	NA	< 2 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 2 U	< 2 U	< 1 UJ	NA	< 2 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	< 20 U	< 18 U	< 4 UJ	NA	< 21 U
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	< 20 U	< 18 U	< 4 UJ	NA	< 21 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA	NA	< 10 UJ	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	NA	NA	< 4 UJ	NA	NA
PFAS (total)	ng/L	-	258.5	ND	2.68	NA	414

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location		FT-MW-001	FT-MW-001	FT-MW-001	FT-MW-001	FT-MW-101
Sample Name		FT-MW-001-191126	FT-MW-001-200622	FT-MW-001	FT-MW-001 Filtered	FT-MW-101-191127
Sample Date		11/26/2019	6/22/2020	12/9/2022	12/9/2022	11/27/2019
Analyte	Unit	Criteria				
		(1)				

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-101	FT-MW-101	FT-MW-101	FT-MW-102	FT-MW-102
Sample Name			FT-MW-101-200624	FT-MW-101	FT-MW-101 Filtered	FT-MW-102-191127	FT-MW-102-200624
Sample Date			6/24/2020	12/7/2022	12/7/2022	11/27/2019	6/24/2020
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	< 10 U	0.13 J	NA	< 8 U	< 8 U
1,4-Dichlorobenzene	ug/L	3	< 10 U	0.6 J	NA	< 8 U	< 8 U
Acetone	ug/L	50	< 100 U	< 50 U	NA	< 80 U	< 80 U
Benzene	ug/L	1	5.8 J	5.8	NA	5.3 J	5.7 J
Carbon disulfide	ug/L	60	< 10 U	< 5 U	NA	< 8 U	< 8 U
Chlorobenzene	ug/L	5	< 10 U	< 1 U	NA	< 8 U	< 8 U
Chloroform	ug/L	7	< 10 U	< 2 U	NA	< 8 U	< 8 U
Dichlorodifluoromethane	ug/L	5	< 10 U	< 2 U	NA	< 8 U	< 8 U
Ethylbenzene	ug/L	5	< 10 U	< 1 U	NA	< 8 U	< 8 U
Isopropylbenzene (Cumene)	ug/L	5	< 10 U	1.3	NA	< 8 U	< 8 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	< 100 U	< 20 U	NA	< 80 U	< 80 U
Methyl tert-butyl ether (MTBE)	ug/L	10	< 10 U	< 1 U	NA	< 8 U	< 8 U
Methylene chloride	ug/L	5	< 10 U	< 5 U	NA	< 8 U	< 8 U
Toluene	ug/L	5	< 10 U	1.1	NA	< 8 U	< 8 U
Trichloroethylene	ug/L	5	< 10 U	< 1 U	NA	< 8 U	< 8 U
Vinyl chloride	ug/L	2	< 10 U	< 2 U	NA	< 8 U	< 8 U
Xylenes (total)	ug/L	5	12 J	13	NA	< 16 U	< 16 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	0.41	0.44	NA	< 0.20 U	0.13 J
2,4-Dimethylphenol	ug/L	1	< 50 U	5 J	NA	0.84 J	18 J
2,6-Dinitrotoluene	ug/L	5	< 50 U	< 10 U	NA	< 5 U	< 28 U
2-Methylnaphthalene	ug/L	-	< 50 U	0.89 J	NA	< 5 U	< 28 U
2-Nitroaniline	ug/L	5	< 100 U	3.8 J	NA	< 10 UJ	< 57 U
3&4-Methylphenol	ug/L	1	NA	< 10 U	NA	NA	NA
4-Methylphenol (p-Cresol)	ug/L	1	< 100 U	NA	NA	< 10 U	< 57 U
4-Nitrophenol	ug/L	1	< 100 U	4 J	NA	< 10 U	< 57 U
Bis(2-ethylhexyl)phthalate	ug/L	5	< 50 U	1.2 J	NA	< 5 U	< 28 U
Caprolactam	ug/L	-	< 50 U	< 10 U	NA	< 5 U	< 28 U
Carbazole	ug/L	-	< 50 U	1.5 J	NA	< 5 UJ	< 28 U
Diethyl phthalate	ug/L	50	< 50 U	< 10 U	NA	0.24 J	< 28 U
Di-n-butyl phthalate	ug/L	50	< 50 U	< 10 U	NA	0.59 J	< 28 U
Di-n-octyl phthalate	ug/L	50	< 50 U	< 10 U	NA	< 5 U	< 28 U
Naphthalene	ug/L	10	< 50 U	2.4 J	NA	< 5 U	< 28 U
Nitrobenzene	ug/L	0.4	< 50 U	< 10 U	NA	< 5 U	< 28 U
N-Nitroso-di-n-propylamine	ug/L	-	< 50 U	16 J	NA	< 5 U	< 28 U
N-Nitrosodiphenylamine	ug/L	50	< 50 U	0.79 J	NA	< 5 U	< 28 U
Phenanthrene	ug/L	50	< 50 U	< 5 U	NA	< 5 U	< 28 U
Phenol	ug/L	1	< 50 U	< 10 U	NA	0.74 J	< 28 U
Pesticides							
4,4'-DDD	ug/L	0.3	< 0.054 UJ	< 0.04 UJ	NA	< 0.25 U	< 0.050 UJ
4,4'-DDE	ug/L	0.2	< 0.054 UJ	< 0.04 U	NA	< 0.25 U	< 0.050 UJ
4,4'-DDT	ug/L	0.2	0.086 J	< 0.04 U	NA	< 0.25 U	< 0.050 UJ
Aldrin	ug/L	ND	< 0.054 U	< 0.051 U	NA	< 0.25 U	< 0.050 U
alpha-BHC	ug/L	0.01	< 0.054 U	< 0.051 U	NA	< 0.25 U	< 0.050 U
beta-BHC	ug/L	0.04	< 0.054 U	< 0.051 U	NA	0.13 J	< 0.050 U
delta-BHC	ug/L	0.04	< 0.054 U	< 0.051 U	NA	0.065 J	< 0.050 U
Dieldrin	ug/L	0.004	< 0.054 UJ	< 0.002 U	NA	< 0.25 U	< 0.050 UJ
Endosulfan I	ug/L	-	< 0.054 UJ	< 0.051 U	NA	< 0.25 U	0.058 J
Endosulfan II	ug/L	-	< 0.054 UJ	< 0.081 U	NA	< 0.25 U	< 0.050 UJ
Endosulfan sulfate	ug/L	-	< 0.054 UJ	< 0.081 U	NA	< 0.25 U	< 0.050 UJ

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-101	FT-MW-101	FT-MW-101	FT-MW-102	FT-MW-102
Sample Name			FT-MW-101-200624	FT-MW-101	FT-MW-101 Filtered	FT-MW-102-191127	FT-MW-102-200624
Sample Date			6/24/2020	12/7/2022	12/7/2022	11/27/2019	6/24/2020
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	< 0.054 UJ	< 0.081 U	NA	< 0.25 U	< 0.050 UJ
Endrin aldehyde	ug/L	5	< 0.054 UJ	< 0.081 U	NA	< 0.25 U	< 0.050 UJ
Endrin ketone	ug/L	5	0.059 J	< 0.081 U	NA	< 0.25 U	0.062 J
gamma-BHC (Lindane)	ug/L	0.05	< 0.054 U	< 0.03 U	NA	< 0.25 U	< 0.050 U
gamma-Chlordane	ug/L	0.05	< 0.054 UJ	NA	NA	< 0.25 U	< 0.050 UJ
Heptachlor	ug/L	0.04	< 0.054 U	< 0.051 U	NA	< 0.25 U	< 0.050 U
Heptachlor epoxide	ug/L	0.03	< 0.054 U	< 0.051 U	NA	< 0.25 U	< 0.050 U
Hexachlorobenzene	ug/L	0.04	NA	NA	NA	NA	NA
Methoxychlor	ug/L	35	< 0.054 UJ	< 1 U	NA	0.12 J	< 0.050 UJ
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.50 UJ	< 0.2 U	< 0.20 U	< 0.50 U	< 0.50 U
Aroclor 1242	ug/L	-	0.42 J	0.22	< 0.20 U	0.24 J	0.48 J
Aroclor 1254	ug/L	-	< 0.50 UJ	< 0.2 U	< 0.20 U	< 0.50 U	< 0.50 U
Aroclor 1260	ug/L	-	< 0.50 UJ	< 0.2 U	< 0.20 U	< 0.50 U	< 0.50 UJ
PCBs (total)	ug/L	0.09	0.42	0.22	ND	0.24	0.48
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	NA	0.011 J	< 0.0010 U	NA	NA
Dichlorobiphenyls	ug/L	-	NA	0.037	< 0.0010 U	NA	NA
Trichlorobiphenyls	ug/L	-	NA	0.045	< 0.0020 U	NA	NA
Tetrachlorobiphenyls	ug/L	-	NA	0.031	< 0.0020 U	NA	NA
Pentachlorobiphenyls	ug/L	-	NA	0.012	< 0.0020 U	NA	NA
Hexachlorobiphenyls	ug/L	-	NA	0.0045	< 0.0020 U	NA	NA
Heptachlorobiphenyls	ug/L	-	NA	< 0.0031 U	< 0.0031 U	NA	NA
Octachlorobiphenyls	ug/L	-	NA	< 0.0031 U	< 0.0031 U	NA	NA
Nonachlorobiphenyls	ug/L	-	NA	< 0.0051 UJ	< 0.0051 U	NA	NA
Decachlorobiphenyls	ug/L	-	NA	< 0.0051 UJ	< 0.0051 U	NA	NA
PCB Homologues (total)	ug/L	-	NA	0.1405	ND	NA	NA
Metals							
Aluminum	ug/L	-	120 J	200	430	< 200 U	< 200 U
Antimony	ug/L	3	< 20 U	17 J	19 J	< 20 U	< 20 U
Arsenic	ug/L	25	< 15 U	< 10 U	NA	< 15 U	< 15 U
Barium	ug/L	1000	2500	3200	3200	2700 J+	2700
Beryllium	ug/L	3	< 2 U	< 4 U	< 4 U	< 2 U	< 2 U
Cadmium	ug/L	5	0.65 J	< 4 U	< 4 U	< 2 UJ	< 2 U
Calcium	ug/L	-	37800	50000	51000	43400	46200
Chromium	ug/L	50	1.9 J	< 10 U	3.6 J	< 4 U	< 4 U
Cobalt	ug/L	-	2.1 J	3.8 J	4.7 J	2.5 J	2 J
Copper	ug/L	200	5.5 J	4.5 J	< 10 U	4.8 J-	6.2 J
Iron	ug/L	300	17200	28000	27000	11100	12100
Lead	ug/L	25	27	17	< 10 U	15 J+	15
Magnesium	ug/L	35000	15600	23000	24000	16700	17400
Manganese	ug/L	300	87	180	300	75 J+	65
Mercury	ug/L	0.7	< 0.20 U	< 0.1 U	< 0.1 U	< 0.20 U	< 0.20 U
Nickel	ug/L	100	71	72	72	59	49
Potassium	ug/L	-	10300	12000	NA	7600	7000
Selenium	ug/L	10	< 25 U	< 50 U	< 50 U	< 25 UJ	< 25 U
Sodium	ug/L	20000	86800	NA	NA	33700	26700
Vanadium	ug/L	-	< 5 U	9 J	11	< 5 U	< 5 U
Zinc	ug/L	2000	57	84	39	410	44
Miscellaneous							
Cyanide	ug/L	200	< 10 U	< 10 U	NA	< 10 U	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-101	FT-MW-101	FT-MW-101	FT-MW-102	FT-MW-102
Sample Name			FT-MW-101-200624	FT-MW-101	FT-MW-101 Filtered	FT-MW-102-191127	FT-MW-102-200624
Sample Date			6/24/2020	12/7/2022	12/7/2022	11/27/2019	6/24/2020
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	24	22 J	NA	27 J	24
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	9.8 J	< 11 UJ	NA	13 J	11 J
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	9.8	18	NA	4.2 J	4.5
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	NA	< 530 U	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	2.6 B	18 J	NA	30 J	< 2 U
Perfluorodecanoic acid (PFDA)	ng/L	-	0.98 J	< 11 U	NA	1.9 J	1.6 J
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	2.7	4.1 J	NA	2.1 J	2.4
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA	< 21 UJ	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	17	18	NA	6.1 J	5.7
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	52 B	65	NA	25 J	22 B
Perfluorohexanoic acid (PFHxA)	ng/L	-	11	14	NA	7.5 J	6.9
Perfluorononanesulfonic acid (PFNS)	ng/L	-	NA	< 11 U	NA	NA	NA
Perfluorononanoic acid (PFNA)	ng/L	-	15	15	NA	45 J	46
Perfluorooctane sulfonamide (FOSA)	ng/L	-	1.4 J	< 11 U	NA	< 8 U	1.2 J
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	53	56	NA	74 J	66
Perfluorooctanoic acid (PFOA)	ng/L	6.7	170	180	NA	64 J	60
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	10 J	NA	NA	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	2.7	< 21 U	NA	5.8 J	2.5
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 2 U	< 11 U	NA	< 2 U	< 2 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 2 U	< 11 U	NA	1 J	< 2 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	5.4 J	< 42 UJ	NA	< 17 U	2.5 J
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	2 J	< 42 U	NA	4 J	4.4 J
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA	< 110 U	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	NA	< 42 U	NA	NA	NA
PFAS (total)	ng/L	-	379.38	420.1	NA	310.6	260.7

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location		FT-MW-101	FT-MW-101	FT-MW-101	FT-MW-102	FT-MW-102
Sample Name		FT-MW-101-200624	FT-MW-101	FT-MW-101 Filtered	FT-MW-102-191127	FT-MW-102-200624
Sample Date		6/24/2020	12/7/2022	12/7/2022	11/27/2019	6/24/2020
Analyte	Unit	Criteria				
		(1)				

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-102	FT-MW-102	FT-MW-103	FT-MW-103	FT-MW-103
Sample Name			FT-MW-102	FT-MW-102 Filtered	FT-MW-103- 191127	FT-MW-103- 200624	FT-MW-103
Sample Date			12/7/2022	12/7/2022	11/27/2019	6/24/2020	12/7/2022
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	0.16 J	NA	< 10 U	< 10 U	< 1 U
1,4-Dichlorobenzene	ug/L	3	0.69 J	NA	< 10 U	< 10 U	< 1 U
Acetone	ug/L	50	< 50 U	NA	< 100 U	< 100 U	< 50 U
Benzene	ug/L	1	5.5	NA	5.2 J	7.5 J	3.6
Carbon disulfide	ug/L	60	< 5 U	NA	< 10 U	< 10 U	< 5 U
Chlorobenzene	ug/L	5	0.83 J	NA	< 10 U	< 10 U	< 1 U
Chloroform	ug/L	7	< 2 U	NA	< 10 U	< 10 U	< 2 U
Dichlorodifluoromethane	ug/L	5	< 2 U	NA	< 10 U	< 10 U	< 2 U
Ethylbenzene	ug/L	5	3.6	NA	< 10 U	< 10 U	4.8
Isopropylbenzene (Cumene)	ug/L	5	0.27 J	NA	< 10 U	< 10 U	0.27 J
Methyl ethyl ketone (2-Butanone)	ug/L	50	< 20 U	NA	< 100 U	< 100 U	< 20 U
Methyl tert-butyl ether (MTBE)	ug/L	10	< 1 U	NA	< 10 U	< 10 U	< 1 U
Methylene chloride	ug/L	5	< 5 U	NA	< 10 U	< 10 U	0.3 J
Toluene	ug/L	5	1.5	NA	< 10 U	< 10 U	1.5
Trichloroethylene	ug/L	5	< 1 U	NA	< 10 U	< 10 U	< 1 U
Vinyl chloride	ug/L	2	< 2 U	NA	< 10 U	< 10 U	2.6
Xylenes (total)	ug/L	5	4.3	NA	< 20 U	< 20 U	7.8
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	0.43	NA	0.48	0.42	0.49
2,4-Dimethylphenol	ug/L	1	20	NA	4.5 J	8.1 J	5.3 J
2,6-Dinitrotoluene	ug/L	5	< 10 U	NA	< 25 U	< 57 U	2.2 J
2-Methylnaphthalene	ug/L	-	< 5 U	NA	< 25 U	< 57 U	< 5 U
2-Nitroaniline	ug/L	5	4.1 J	NA	< 50 UJ	< 110 U	3.1 J
3&4-Methylphenol	ug/L	1	< 10 U	NA	NA	NA	0.54 J
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	< 50 U	< 110 U	NA
4-Nitrophenol	ug/L	1	< 10 UJ	NA	< 50 U	< 110 U	< 10 UJ
Bis(2-ethylhexyl)phthalate	ug/L	5	0.88 J	NA	< 25 U	< 57 U	2.2 J
Caprolactam	ug/L	-	< 10 UJ	NA	< 25 U	< 57 U	< 10 U
Carbazole	ug/L	-	< 10 U	NA	< 25 UJ	< 57 U	< 10 U
Diethyl phthalate	ug/L	50	< 10 U	NA	< 25 U	< 57 U	< 10 U
Di-n-butyl phthalate	ug/L	50	1.1 J	NA	< 25 U	< 57 U	< 10 U
Di-n-octyl phthalate	ug/L	50	< 10 U	NA	< 25 U	< 57 U	< 10 U
Naphthalene	ug/L	10	< 5 U	NA	< 25 U	< 57 U	< 5 U
Nitrobenzene	ug/L	0.4	1.2 J	NA	< 25 U	< 57 U	< 10 U
N-Nitroso-di-n-propylamine	ug/L	-	< 10 UJ	NA	< 25 U	< 57 U	14 J
N-Nitrosodiphenylamine	ug/L	50	< 10 U	NA	< 25 U	< 57 U	< 10 U
Phenanthrene	ug/L	50	< 5 U	NA	< 25 U	< 57 U	< 5 U
Phenol	ug/L	1	< 10 U	NA	< 25 U	< 57 U	< 10 U
Pesticides							
4,4'-DDD	ug/L	0.3	< 0.038 UJ	NA	< 0.25 U	< 0.054 UJ	< 0.041 UJ
4,4'-DDE	ug/L	0.2	< 0.038 U	NA	0.13 J	< 0.054 UJ	< 0.041 U
4,4'-DDT	ug/L	0.2	< 0.038 U	NA	< 0.25 U	< 0.054 UJ	< 0.041 U
Aldrin	ug/L	ND	< 0.048 U	NA	< 0.25 U	< 0.054 UJ	< 0.052 U
alpha-BHC	ug/L	0.01	< 0.048 U	NA	< 0.25 U	< 0.054 UJ	< 0.052 U
beta-BHC	ug/L	0.04	< 0.048 U	NA	0.33 J	< 0.054 UJ	< 0.052 U
delta-BHC	ug/L	0.04	< 0.048 U	NA	0.22 J	< 0.054 UJ	< 0.052 U
Dieldrin	ug/L	0.004	< 0.0019 U	NA	< 0.25 U	< 0.054 UJ	< 0.0021 U
Endosulfan I	ug/L	-	< 0.048 U	NA	< 0.25 U	< 0.054 UJ	< 0.052 U
Endosulfan II	ug/L	-	< 0.076 U	NA	< 0.25 U	< 0.054 UJ	< 0.082 U
Endosulfan sulfate	ug/L	-	< 0.076 U	NA	< 0.25 U	< 0.054 UJ	< 0.082 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-102	FT-MW-102	FT-MW-103	FT-MW-103	FT-MW-103
Sample Name			FT-MW-102	FT-MW-102 Filtered	FT-MW-103- 191127	FT-MW-103- 200624	FT-MW-103
Sample Date			12/7/2022	12/7/2022	11/27/2019	6/24/2020	12/7/2022
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	< 0.076 U	NA	0.089 J	< 0.054 UJ	< 0.082 U
Endrin aldehyde	ug/L	5	< 0.076 U	NA	< 0.25 U	0.11 J	< 0.082 U
Endrin ketone	ug/L	5	< 0.076 U	NA	< 0.25 U	< 0.054 UJ	< 0.082 U
gamma-BHC (Lindane)	ug/L	0.05	< 0.029 U	NA	< 0.25 U	< 0.054 UJ	< 0.031 U
gamma-Chlordane	ug/L	0.05	NA	NA	< 0.25 U	< 0.054 UJ	NA
Heptachlor	ug/L	0.04	< 0.048 U	NA	< 0.25 U	< 0.054 UJ	< 0.052 U
Heptachlor epoxide	ug/L	0.03	< 0.048 U	NA	< 0.25 U	< 0.054 UJ	< 0.052 U
Hexachlorobenzene	ug/L	0.04	NA	NA	NA	NA	NA
Methoxychlor	ug/L	35	< 0.48 U	NA	< 0.25 U	0.21 J	< 1 U
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.19 U	< 0.19 U	< 0.50 U	< 1 U	< 0.21 U
Aroclor 1242	ug/L	-	0.32	< 0.19 U	0.55	0.55 J	1.6
Aroclor 1254	ug/L	-	< 0.19 U	< 0.19 U	< 0.50 U	< 1 U	0.88
Aroclor 1260	ug/L	-	< 0.19 U	< 0.19 U	< 0.50 U	< 1 UJ	0.24
PCBs (total)	ug/L	0.09	0.32	ND	0.55	0.55	2.72
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	< 0.00096 U	< 0.00096 U	NA	NA	0.0066 J
Dichlorobiphenyls	ug/L	-	0.078	< 0.00096 U	NA	NA	0.083
Trichlorobiphenyls	ug/L	-	0.1	< 0.0019 U	NA	NA	0.34
Tetrachlorobiphenyls	ug/L	-	0.049	< 0.0019 U	NA	NA	0.49
Pentachlorobiphenyls	ug/L	-	0.018	< 0.0019 U	NA	NA	0.41
Hexachlorobiphenyls	ug/L	-	0.0056	< 0.0019 U	NA	NA	0.18
Heptachlorobiphenyls	ug/L	-	0.002 J	< 0.0029 U	NA	NA	0.031
Octachlorobiphenyls	ug/L	-	< 0.0029 U	< 0.0029 U	NA	NA	0.0087
Nonachlorobiphenyls	ug/L	-	< 0.0048 U	0.0015	NA	NA	0.0039 J
Decachlorobiphenyls	ug/L	-	< 0.0048 U	< 0.0048 U	NA	NA	< 0.005 UJ
PCB Homologues (total)	ug/L	-	0.2526	0.0015	NA	NA	1.5532
Metals							
Aluminum	ug/L	-	110	23 J	< 200 U	< 200 U	< 50 U
Antimony	ug/L	3	18 J	16 J	< 20 U	< 20 U	15 J
Arsenic	ug/L	25	< 10 U	NA	< 15 U	< 15 U	< 10 U
Barium	ug/L	1000	3100	3000	1400 J+	1600	1500
Beryllium	ug/L	3	< 4 U	< 4 U	< 2 U	< 2 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 4 U	0.94 J-	0.52 J	< 4 U
Calcium	ug/L	-	47000	48000	24900	16000	30000
Chromium	ug/L	50	< 10 U	< 10 U	< 4 U	1.2 J	< 10 U
Cobalt	ug/L	-	3 J	3.3 J	5.6	2.5 J	5.1 J
Copper	ug/L	200	12	6 J	62 J-	16	5.5 J
Iron	ug/L	300	12000	12000	7100	7800	5000
Lead	ug/L	25	34	12	92 J+	49	13
Magnesium	ug/L	35000	18000	19000	28700	30500	40000
Manganese	ug/L	300	57	52	140 J+	44	110
Mercury	ug/L	0.7	< 0.1 U	< 0.1 U	< 0.20 U	< 0.20 U	< 0.1 U
Nickel	ug/L	100	59	55	190	96	120
Potassium	ug/L	-	8900	NA	19200	18900	18000
Selenium	ug/L	10	< 50 U	< 50 U	< 25 UJ	< 25 U	< 50 U
Sodium	ug/L	20000	NA	NA	121000	114000	NA
Vanadium	ug/L	-	7.6 J	< 10 U	< 5 U	< 5 U	10
Zinc	ug/L	2000	94	38	220	60	430
Miscellaneous							
Cyanide	ug/L	200	< 10 U	NA	< 10 U	< 10 U	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-102	FT-MW-102	FT-MW-103	FT-MW-103	FT-MW-103
Sample Name			FT-MW-102	FT-MW-102 Filtered	FT-MW-103- 191127	FT-MW-103- 200624	FT-MW-103
Sample Date			12/7/2022	12/7/2022	11/27/2019	6/24/2020	12/7/2022
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	31 J	NA	41 J	49	25
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	14 J	NA	18 J	18 J	11 J
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	8.5	NA	11 J	7.7 J	15
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	< 46 UJ	NA	NA	NA	< 550 U
Perfluorobutanoic acid (PFBA)	ng/L	-	NA R	NA	97 J	< 20 U	< 44 U
Perfluorodecanoic acid (PFDA)	ng/L	-	1.9	NA	1.8 J	1.7 J	< 11 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	2.3	NA	6 J	3.9	7.5 J
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA R	NA	NA	NA	< 22 U
Perfluoroheptanoic acid (PFHpA)	ng/L	-	14	NA	37 J	34	38
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	34 J+	NA	93 J	77 B	110
Perfluorohexanoic acid (PFHxA)	ng/L	-	13	NA	29 J	20	34
Perfluorononanesulfonic acid (PFNS)	ng/L	-	< 1 U	NA	NA	NA	< 11 U
Perfluorononanoic acid (PFNA)	ng/L	-	48	NA	25 J	32	28
Perfluorooctane sulfonamide (FOSA)	ng/L	-	1.7 J	NA	< 10 U	1.2 J	< 11 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	95	NA	180 J	160	210
Perfluorooctanoic acid (PFOA)	ng/L	6.7	88 J	NA	320 J	310	350
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	5.9	NA	NA	NA	17
Perfluoropentanoic acid (PFPA)	ng/L	-	NA R	NA	20 J	14	< 22 U
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 1 U	NA	< 2 U	< 2 U	< 11 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	0.63 J	NA	0.94 NJ	< 2 U	< 11 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	< 4 UJ	NA	14 J	14 J	14 J
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	< 4 UJ	NA	4.1 J	4.9 J	< 44 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA R	NA	NA	NA	< 110 U
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	< 4 U	NA	NA	NA	< 44 U
PFAS (total)	ng/L	-	357.93	NA	897.84	747.4	859.5

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			FT-MW-102	FT-MW-102	FT-MW-103	FT-MW-103	FT-MW-103
Sample Name			FT-MW-102	FT-MW-102 Filtered	FT-MW-103- 191127	FT-MW-103- 200624	FT-MW-103
Sample Date			12/7/2022	12/7/2022	11/27/2019	6/24/2020	12/7/2022
Analyte	Unit	Criteria					
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-103	MW-103R	MW-103R	FT-MW-104	FT-MW-104
Sample Name			FT-MW-103 Filtered	MW-103R	MW-103R FILTERED	FT-MW-104- 191126	FT-MW-104- 200624
Sample Date			12/7/2022	5/19/2023	5/19/2023	11/26/2019	6/24/2020
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	NA	< 10 U	NA	< 10 U	< 10 U
1,4-Dichlorobenzene	ug/L	3	NA	< 10 U	NA	< 10 U	< 10 U
Acetone	ug/L	50	NA	< 500 U	NA	< 100 U	< 100 U
Benzene	ug/L	1	NA	3.9 J	NA	< 10 U	< 10 U
Carbon disulfide	ug/L	60	NA	< 50 U	NA	< 10 U	< 10 U
Chlorobenzene	ug/L	5	NA	< 10 U	NA	< 10 U	< 10 U
Chloroform	ug/L	7	NA	< 20 U	NA	< 10 U	< 10 U
Dichlorodifluoromethane	ug/L	5	NA	< 20 U	NA	< 10 U	< 10 U
Ethylbenzene	ug/L	5	NA	< 10 U	NA	< 10 U	< 10 U
Isopropylbenzene (Cumene)	ug/L	5	NA	< 10 U	NA	< 10 U	< 10 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	NA	< 200 U	NA	< 100 U	< 100 U
Methyl tert-butyl ether (MTBE)	ug/L	10	NA	< 10 U	NA	< 10 U	< 10 U
Methylene chloride	ug/L	5	NA	< 50 U	NA	< 10 U	< 10 U
Toluene	ug/L	5	NA	< 10 U	NA	< 10 U	< 10 U
Trichloroethylene	ug/L	5	NA	< 10 U	NA	< 10 U	< 10 U
Vinyl chloride	ug/L	2	NA	< 20 U	NA	< 10 U	< 10 U
Xylenes (total)	ug/L	5	NA	< 10 U	NA	< 20 U	< 20 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	NA	0.22	NA	< 0.22 U	< 0.20 U
2,4-Dimethylphenol	ug/L	1	NA	< 8 U	NA	< 5 U	< 26 U
2,6-Dinitrotoluene	ug/L	5	NA	< 8 U	NA	< 5 U	< 26 U
2-Methylnaphthalene	ug/L	-	NA	< 4 U	NA	< 5 U	< 26 U
2-Nitroaniline	ug/L	5	NA	< 8 U	NA	< 10 U	< 52 U
3&4-Methylphenol	ug/L	1	NA	< 8 U	NA	NA	NA
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	NA	< 10 U	< 52 U
4-Nitrophenol	ug/L	1	NA	< 17 U	NA	< 10 U	< 52 U
Bis(2-ethylhexyl)phthalate	ug/L	5	NA	6.6 J	NA	< 5 U	< 26 U
Caprolactam	ug/L	-	NA	< 8 U	NA	< 5 U	< 26 U
Carbazole	ug/L	-	NA	< 8 U	NA	< 5 U	< 26 U
Diethyl phthalate	ug/L	50	NA	< 8 U	NA	< 5 U	< 26 U
Di-n-butyl phthalate	ug/L	50	NA	< 8 U	NA	< 5 U	< 26 U
Di-n-octyl phthalate	ug/L	50	NA	< 8 UJ	NA	< 5 U	< 26 U
Naphthalene	ug/L	10	NA	< 4 U	NA	< 5 U	< 26 U
Nitrobenzene	ug/L	0.4	NA	< 8 U	NA	< 5 U	< 26 U
N-Nitroso-di-n-propylamine	ug/L	-	NA	< 8 U	NA	< 5 U	< 26 U
N-Nitrosodiphenylamine	ug/L	50	NA	< 8 U	NA	< 5 U	< 26 U
Phenanthrene	ug/L	50	NA	< 4 U	NA	< 5 U	< 26 U
Phenol	ug/L	1	NA	< 8 U	NA	< 5 U	< 26 U
Pesticides							
4,4'-DDD	ug/L	0.3	NA	< 0.033 U	NA	< 0.057 U	< 0.054 UJ
4,4'-DDE	ug/L	0.2	NA	< 0.033 U	NA	< 0.057 U	< 0.054 UJ
4,4'-DDT	ug/L	0.2	NA	< 0.033 U	NA	< 0.057 U	< 0.054 UJ
Aldrin	ug/L	ND	NA	< 0.042 U	NA	< 0.057 U	< 0.054 U
alpha-BHC	ug/L	0.01	NA	< 0.042 U	NA	< 0.057 U	< 0.054 U
beta-BHC	ug/L	0.04	NA	< 0.042 U	NA	< 0.057 U	< 0.054 U
delta-BHC	ug/L	0.04	NA	< 0.042 U	NA	0.061	< 0.054 U
Dieldrin	ug/L	0.004	NA	< 0.0017 U	NA	0.011 J	< 0.054 UJ
Endosulfan I	ug/L	-	NA	0.013 J	NA	< 0.057 U	0.069 J
Endosulfan II	ug/L	-	NA	< 0.067 U	NA	0.037 J	0.029 J
Endosulfan sulfate	ug/L	-	NA	< 0.067 UJ	NA	< 0.057 U	< 0.054 UJ

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-103	MW-103R	MW-103R	FT-MW-104	FT-MW-104
Sample Name			FT-MW-103 Filtered	MW-103R	MW-103R FILTERED	FT-MW-104- 191126	FT-MW-104- 200624
Sample Date			12/7/2022	5/19/2023	5/19/2023	11/26/2019	6/24/2020
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	NA	< 0.067 U	NA	0.031 J	< 0.054 UJ
Endrin aldehyde	ug/L	5	NA	< 0.067 U	NA	< 0.057 U	< 0.054 UJ
Endrin ketone	ug/L	5	NA	< 0.067 U	NA	< 0.057 U	< 0.054 UJ
gamma-BHC (Lindane)	ug/L	0.05	NA	< 0.025 U	NA	< 0.057 U	< 0.054 U
gamma-Chlordane	ug/L	0.05	NA	NA	NA	< 0.057 U	< 0.054 UJ
Heptachlor	ug/L	0.04	NA	< 0.042 U	NA	< 0.057 U	< 0.054 U
Heptachlor epoxide	ug/L	0.03	NA	< 0.042 U	NA	< 0.057 U	< 0.054 U
Hexachlorobenzene	ug/L	0.04	NA	0.046 B	NA	NA	NA
Methoxychlor	ug/L	35	NA	< 0.42 U	NA	0.083	< 0.054 UJ
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.20 U	< 0.17 U	< 0.19 U	< 1 U	< 1 U
Aroclor 1242	ug/L	-	< 0.20 U	0.29	< 0.19 U	< 1 U	< 1 U
Aroclor 1254	ug/L	-	< 0.20 U	0.12 J	< 0.19 U	< 1 U	< 1 U
Aroclor 1260	ug/L	-	< 0.20 U	< 0.17 U	< 0.19 U	< 1 U	< 1 UJ
PCBs (total)	ug/L	0.09	ND	0.41	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	< 0.00099 U	< 0.00097 U	<0.0010 U	NA	NA
Dichlorobiphenyls	ug/L	-	< 0.00099 U	0.036	<0.0010 U	NA	NA
Trichlorobiphenyls	ug/L	-	< 0.0020 U	0.077	<0.0021 U	NA	NA
Tetrachlorobiphenyls	ug/L	-	< 0.0020 U	0.018	<0.0021 U	NA	NA
Pentachlorobiphenyls	ug/L	-	0.0020	0.066	<0.0021 U	NA	NA
Hexachlorobiphenyls	ug/L	-	0.00092	0.031	<0.0021 U	NA	NA
Heptachlorobiphenyls	ug/L	-	< 0.0030 U	0.0063	<0.0031 U	NA	NA
Octachlorobiphenyls	ug/L	-	< 0.0030 U	< 0.0029 U	<0.0031 U	NA	NA
Nonachlorobiphenyls	ug/L	-	< 0.0050 U	< 0.0049 U	<0.0052 U	NA	NA
Decachlorobiphenyls	ug/L	-	< 0.0050 U	< 0.0049 U	<0.0052 U	NA	NA
PCB Homologues (total)	ug/L	-	0.00292	0.2343	ND	NA	NA
Metals							
Aluminum	ug/L	-	34 J	26000	< 50 U	460 J+	460
Antimony	ug/L	3	18 J	< 50 U	< 50 U	< 20 U	< 20 U
Arsenic	ug/L	25	NA	18 B	16	< 15 U	< 15 U
Barium	ug/L	1000	1300	590	210	490	510
Beryllium	ug/L	3	< 4 U	< 4 U	< 4 U	< 2 U	< 2 U
Cadmium	ug/L	5	1.2 J	12	2.5 J	< 2 U	0.62 J
Calcium	ug/L	-	37000	100000	46000	166000	173000
Chromium	ug/L	50	< 10 U	71	< 10 U	< 4 U	1.5 J
Cobalt	ug/L	-	6 J	40	8.6 J	11 J-	11
Copper	ug/L	200	53	310	11	2.2 J-	3.3 J
Iron	ug/L	300	4300	79000	12000	42700	43800
Lead	ug/L	25	77	710	< 10 U	3.3 J	11
Magnesium	ug/L	35000	43000	37000	25000	33200	33600
Manganese	ug/L	300	160	23000	13000	13500	13500
Mercury	ug/L	0.7	< 0.1 U	0.35	< 0.2 U	< 0.20 U	< 0.20 U
Nickel	ug/L	100	140	95	< 10 U	8.1 J	8.1 J
Potassium	ug/L	-	NA	27000	25000	7400	7200
Selenium	ug/L	10	< 50 U	< 50 U	< 50 U	< 25 UJ	< 25 U
Sodium	ug/L	20000	NA	81000	82000	18900	17800
Vanadium	ug/L	-	5.3 J	48	6.2 J	2 J	2.5 J
Zinc	ug/L	2000	700	2400	20	44	77
Miscellaneous							
Cyanide	ug/L	200	NA	< 10 U	NA	< 10 U	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-103	MW-103R	MW-103R	FT-MW-104	FT-MW-104
Sample Name			FT-MW-103 Filtered	MW-103R	MW-103R FILTERED	FT-MW-104- 191126	FT-MW-104- 200624
Sample Date			12/7/2022	5/19/2023	5/19/2023	11/26/2019	6/24/2020
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	NA	6.6 J	NA	13 J	2.2 J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	NA	< 20 U	NA	3.7 J	< 18 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	NA	11 J	NA	5 J	6.5 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	NA	< 1000 U	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	NA	< 80 U	NA	40 J	< 18 U
Perfluorodecanoic acid (PFDA)	ng/L	-	NA	< 20 U	NA	0.97 J	0.66 J
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	NA	< 20 U	NA	2 J	1.4 J
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA	< 40 U	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	NA	11 J	NA	7.5 J	16
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	NA	39	NA	42 J	31 B
Perfluorohexanoic acid (PFHxA)	ng/L	-	NA	15 J	NA	13 J	16 J
Perfluorononanesulfonic acid (PFNS)	ng/L	-	NA	< 20 U	NA	NA	NA
Perfluorononanoic acid (PFNA)	ng/L	-	NA	20	NA	12 J	6.2
Perfluorooctane sulfonamide (FOSA)	ng/L	-	NA	< 20 U	NA	< 10 U	0.92 J
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	NA	31	NA	55 J	33
Perfluorooctanoic acid (PFOA)	ng/L	6.7	NA	120	NA	29 J	84
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	7.2 J	NA	NA	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	NA	15 J	NA	18 J	< 18 U
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	NA	< 20 U	NA	< 2 U	< 2 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	NA	< 20 U	NA	< 2 U	< 2 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	NA	NA	NA	< 19 U	< 18 U
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	NA	< 80 U	NA	2.8 J	< 18 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA	< 200 U	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	NA	< 80 U	NA	NA	NA
PFAS (total)	ng/L	-	NA	275.8	NA	243.97	197.88

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			FT-MW-103	MW-103R	MW-103R	FT-MW-104	FT-MW-104
Sample Name			FT-MW-103 Filtered	MW-103R	MW-103R FILTERED	FT-MW-104- 191126	FT-MW-104- 200624
Sample Date			12/7/2022	5/19/2023	5/19/2023	11/26/2019	6/24/2020
Analyte	Unit	Criteria					
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-104	FT-MW-104	FT-MW-105	FT-MW-105	FT-MW-105
Sample Name			FT-MW-104	FT-MW-104 Filtered	FT-MW-105- 191126	FT-MW-105- 200623	FT-MW-155- 200623
Sample Date			12/7/2022	12/7/2022	11/26/2019	6/23/2020	6/23/2020
Analyte	Unit	Criteria					Field Duplicate
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	< 1 U	NA	< 10 U	< 10 U	< 1 U
1,4-Dichlorobenzene	ug/L	3	< 1 U	NA	< 10 U	< 10 U	< 1 U
Acetone	ug/L	50	< 50 U	NA	< 100 U	< 100 UJ	8.6 J
Benzene	ug/L	1	< 1 U	NA	< 10 U	< 10 U	1.5
Carbon disulfide	ug/L	60	< 5 U	NA	< 10 U	< 10 U	< 1 U
Chlorobenzene	ug/L	5	< 1 U	NA	< 10 U	< 10 U	< 1 U
Chloroform	ug/L	7	< 2 U	NA	< 10 U	< 10 U	< 1 U
Dichlorodifluoromethane	ug/L	5	< 2 U	NA	< 10 U	< 10 U	< 1 U
Ethylbenzene	ug/L	5	< 1 U	NA	< 10 U	< 10 U	< 1 U
Isopropylbenzene (Cumene)	ug/L	5	< 1 U	NA	< 10 U	< 10 U	< 1 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	< 20 U	NA	< 100 U	< 100 U	< 10 U
Methyl tert-butyl ether (MTBE)	ug/L	10	< 1 U	NA	< 10 U	< 10 U	< 1 U
Methylene chloride	ug/L	5	< 5 U	NA	< 10 U	< 10 U	< 1 U
Toluene	ug/L	5	< 1 U	NA	< 10 U	< 10 U	< 1 U
Trichloroethylene	ug/L	5	< 1 U	NA	< 10 U	< 10 U	< 1 U
Vinyl chloride	ug/L	2	< 2 U	NA	< 10 U	< 10 U	< 1 U
Xylenes (total)	ug/L	5	< 1 U	NA	< 20 U	< 20 U	3.2
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	< 0.21 U	NA	< 0.21 U	< 0.20 U	< 0.20 U
2,4-Dimethylphenol	ug/L	1	< 10 U	NA	< 5 U	< 5 U	< 5 U
2,6-Dinitrotoluene	ug/L	5	< 10 U	NA	< 5 U	< 5 U	< 5 U
2-Methylnaphthalene	ug/L	-	< 5 U	NA	< 5 U	1.2 J	0.88 J
2-Nitroaniline	ug/L	5	< 10 U	NA	< 10 U	< 10 U	< 10 U
3&4-Methylphenol	ug/L	1	< 10 U	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	< 10 U	< 10 U	< 10 U
4-Nitrophenol	ug/L	1	< 10 UJ	NA	< 10 U	< 10 UJ	< 10 UJ
Bis(2-ethylhexyl)phthalate	ug/L	5	< 10 U	NA	< 5 U	< 5 U	< 5 U
Caprolactam	ug/L	-	< 10 U	NA	< 5 U	< 5 U	< 5 U
Carbazole	ug/L	-	< 10 U	NA	< 5 U	< 5 U	< 5 U
Diethyl phthalate	ug/L	50	< 10 U	NA	0.34 J	< 5 U	< 5 U
Di-n-butyl phthalate	ug/L	50	< 10 U	NA	0.39 J	< 5 U	< 5 U
Di-n-octyl phthalate	ug/L	50	< 10 U	NA	< 5 U	< 5 U	< 5 U
Naphthalene	ug/L	10	< 5 U	NA	1.4 J	2.3 J	2.3 J
Nitrobenzene	ug/L	0.4	< 10 U	NA	< 5 U	< 5 U	< 5 U
N-Nitroso-di-n-propylamine	ug/L	-	< 10 UJ	NA	< 5 U	< 5 U	< 5 U
N-Nitrosodiphenylamine	ug/L	50	< 10 U	NA	< 5 U	0.72 J	0.71 J
Phenanthrene	ug/L	50	< 5 U	NA	< 5 U	< 5 U	< 5 U
Phenol	ug/L	1	< 10 U	NA	< 5 U	< 5 U	< 5 U
Pesticides							
4,4'-DDD	ug/L	0.3	< 0.038 UJ	NA	0.08	< 0.050 UJ	< 0.053 UJ
4,4'-DDE	ug/L	0.2	< 0.038 U	NA	< 0.052 U	< 0.050 UJ	< 0.053 UJ
4,4'-DDT	ug/L	0.2	< 0.038 U	NA	0.03 J	< 0.050 UJ	0.021 J
Aldrin	ug/L	ND	< 0.048 U	NA	< 0.052 U	< 0.050 U	< 0.053 U
alpha-BHC	ug/L	0.01	< 0.048 U	NA	< 0.052 U	0.0092 J	0.012 J
beta-BHC	ug/L	0.04	< 0.048 U	NA	< 0.052 U	< 0.050 U	0.041 J
delta-BHC	ug/L	0.04	< 0.048 U	NA	< 0.052 U	< 0.050 U	< 0.053 U
Dieldrin	ug/L	0.004	< 0.0019 U	NA	< 0.052 U	< 0.050 UJ	< 0.053 UJ
Endosulfan I	ug/L	-	< 0.048 U	NA	0.088 J	< 0.050 UJ	0.06 J
Endosulfan II	ug/L	-	< 0.077 U	NA	< 0.052 U	< 0.050 UJ	< 0.053 UJ
Endosulfan sulfate	ug/L	-	< 0.077 U	NA	< 0.052 U	< 0.050 UJ	< 0.053 UJ

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-104	FT-MW-104	FT-MW-105	FT-MW-105	FT-MW-105
Sample Name			FT-MW-104	FT-MW-104 Filtered	FT-MW-105- 191126	FT-MW-105- 200623	FT-MW-155- 200623
Sample Date			12/7/2022	12/7/2022	11/26/2019	6/23/2020	6/23/2020
Analyte	Unit	Criteria					Field
		(1)					Duplicate
Endrin	ug/L	ND	< 0.077 U	NA	< 0.052 U	< 0.050 UJ	< 0.053 UJ
Endrin aldehyde	ug/L	5	< 0.077 U	NA	< 0.052 U	< 0.050 UJ	< 0.053 UJ
Endrin ketone	ug/L	5	< 0.077 U	NA	< 0.052 U	0.028 J	0.028 J
gamma-BHC (Lindane)	ug/L	0.05	< 0.029 U	NA	< 0.052 U	< 0.050 U	< 0.053 U
gamma-Chlordane	ug/L	0.05	NA	NA	< 0.052 U	< 0.050 UJ	< 0.053 UJ
Heptachlor	ug/L	0.04	< 0.048 U	NA	< 0.052 U	< 0.050 U	< 0.053 U
Heptachlor epoxide	ug/L	0.03	< 0.048 U	NA	0.011 J	< 0.050 U	< 0.053 U
Hexachlorobenzene	ug/L	0.04	NA	NA	NA	NA	NA
Methoxychlor	ug/L	35	< 0.48 U	NA	< 0.052 U	0.11 J	0.079 J
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.19 U	< 0.19 U	< 1 U	1 J	1 J
Aroclor 1242	ug/L	-	< 0.19 U	< 0.19 U	0.26 J	< 0.50 U	< 0.50 U
Aroclor 1254	ug/L	-	< 0.19 U	< 0.19 U	< 1 U	< 0.50 U	< 0.50 U
Aroclor 1260	ug/L	-	< 0.19 U	< 0.19 U	< 1 U	< 0.50 UJ	< 0.50 UJ
PCBs (total)	ug/L	0.09	ND	ND	0.26	1	1
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Dichlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Trichlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Tetrachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Pentachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Hexachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Heptachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Octachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Nonachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Decachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
PCB Homologues (total)	ug/L	-	NA	NA	NA	NA	NA
Metals							
Aluminum	ug/L	-	840	43 J	< 200 U	340	520
Antimony	ug/L	3	15 J	18 J	< 20 U	< 20 U	< 20 U
Arsenic	ug/L	25	< 10 U	NA	6.6 J+	< 15 U	< 15 U
Barium	ug/L	1000	470	440	530	750	780
Beryllium	ug/L	3	< 4 U	< 4 U	< 2 U	< 2 U	< 2 U
Cadmium	ug/L	5	< 4 U	< 4 U	< 2 U	< 2 U	< 2 U
Calcium	ug/L	-	200000	210000	67300	62600	63800
Chromium	ug/L	50	< 10 U	< 10 U	< 4 U	1.8 J	1.7 J
Cobalt	ug/L	-	10	11	2.3 J-	2.2 J	2.3 J
Copper	ug/L	200	7.4 J	< 10 U	< 10 UJ	1.8 J	1.7 J
Iron	ug/L	300	40000	41000	25200	23200	23600
Lead	ug/L	25	9.4 J	< 10 U	< 10 U	4.4 J	5.1 J
Magnesium	ug/L	35000	35000	37000	14000	12000	12100
Manganese	ug/L	300	10000	11000	890	710	710
Mercury	ug/L	0.7	< 0.1 U	0.068 J	< 0.20 U	< 0.20 U	< 0.20 U
Nickel	ug/L	100	< 10 U	< 10 U	7 J	6.2 J	6.8 J
Potassium	ug/L	-	7300	NA	4700	3700 B	3800 B
Selenium	ug/L	10	< 50 U	12 J	< 25 UJ	< 25 U	< 25 U
Sodium	ug/L	20000	NA	NA	12300	9500	9600
Vanadium	ug/L	-	13	5.4 J	< 5 U	< 5 U	< 5 U
Zinc	ug/L	2000	98	24	30	31	31
Miscellaneous							
Cyanide	ug/L	200	< 10 U	NA	< 10 U	< 10 U	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-104	FT-MW-104	FT-MW-105	FT-MW-105	FT-MW-105
Sample Name			FT-MW-104	FT-MW-104 Filtered	FT-MW-105- 191126	FT-MW-105- 200623	FT-MW-155- 200623
Sample Date			12/7/2022	12/7/2022	11/26/2019	6/23/2020	6/23/2020
Analyte	Unit	Criteria					Field Duplicate
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	< 11 U	NA	< 18 U	13 J	13 J
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	< 11 U	NA	< 18 U	4.3 J	4.7 J
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	7.8 J	NA	1.8	4.2 J	5.8 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	< 530 U	NA	NA	NA	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	25 J	NA	< 2 U	< 8 U	< 8 U
Perfluorodecanoic acid (PFDA)	ng/L	-	< 11 U	NA	< 2 U	1.1 J	< 2 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	< 11 U	NA	1.4 J	2.1 J	1.7 J
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	< 21 U	NA	NA	NA	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	19	NA	2.5	6.2	7
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	49	NA	61	35 B	36 B
Perfluorohexanoic acid (PFHxA)	ng/L	-	15	NA	2.7	5.5	5.9
Perfluorononanesulfonic acid (PFNS)	ng/L	-	< 11 U	NA	NA	NA	NA
Perfluorononanoic acid (PFNA)	ng/L	-	8.2 J	NA	< 2 U	11	12
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 11 U	NA	< 9 U	< 2 U	< 2 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	50	NA	< 2 U	54	54
Perfluorooctanoic acid (PFOA)	ng/L	6.7	110	NA	13	33	33
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	11	NA	NA	NA	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	< 21 U	NA	1.6 J	7.5	7.5
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 11 U	NA	< 2 U	< 2 U	< 2 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 11 U	NA	< 2 U	< 2 U	< 2 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	< 42 U	NA	< 18 U	< 17 UJ	< 18 UJ
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	< 42 U	NA	< 18 U	4.3 J	4.2 J
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	< 110 U	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	< 42 U	NA	NA	NA	NA
PFAS (total)	ng/L	-	295	NA	84	181.2	184.8

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location		FT-MW-104	FT-MW-104	FT-MW-105	FT-MW-105	FT-MW-105
Sample Name		FT-MW-104	FT-MW-104 Filtered	FT-MW-105- 191126	FT-MW-105- 200623	FT-MW-155- 200623
Sample Date		12/7/2022	12/7/2022	11/26/2019	6/23/2020	6/23/2020
Analyte	Unit	Criteria				Field
		(1)				Duplicate

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-105	FT-MW-105	FT-MW-106	FT-MW-106	FT-MW-106
Sample Name			FT-MW-105	FT-MW-105 Filtered	FT-MW-106- 191125	FT-MW-106- 200625	FT-MW-106
Sample Date			12/9/2022	12/9/2022	11/25/2019	6/25/2020	12/9/2022
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	< 1 U	NA	< 2 U	< 2 U	< 1 U
1,4-Dichlorobenzene	ug/L	3	< 1 U	NA	< 2 U	< 2 U	< 1 U
Acetone	ug/L	50	< 50 U	NA	< 20 U	< 20 U	3.2 J
Benzene	ug/L	1	1.6	NA	< 2 U	< 2 U	< 1 U
Carbon disulfide	ug/L	60	< 5 U	NA	< 2 U	< 2 U	< 5 U
Chlorobenzene	ug/L	5	< 1 U	NA	< 2 U	< 2 U	< 1 U
Chloroform	ug/L	7	< 2 U	NA	< 2 U	< 2 U	< 2 U
Dichlorodifluoromethane	ug/L	5	< 2 U	NA	< 2 U	< 2 U	< 2 U
Ethylbenzene	ug/L	5	< 1 U	NA	< 2 U	< 2 U	< 1 U
Isopropylbenzene (Cumene)	ug/L	5	0.66 J	NA	< 2 U	< 2 U	< 1 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	< 20 U	NA	< 20 U	< 20 U	< 20 U
Methyl tert-butyl ether (MTBE)	ug/L	10	< 1 U	NA	< 2 U	< 2 U	< 1 U
Methylene chloride	ug/L	5	< 5 U	NA	< 2 U	< 2 U	< 5 U
Toluene	ug/L	5	0.42 J	NA	< 2 U	< 2 U	< 1 U
Trichloroethylene	ug/L	5	< 1 U	NA	< 2 U	< 2 U	< 1 U
Vinyl chloride	ug/L	2	< 2 U	NA	< 2 U	< 2 U	< 2 U
Xylenes (total)	ug/L	5	3.8	NA	< 4 U	< 4 U	< 1 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	< 0.2 U	NA	< 0.20 U	< 0.21 U	< 0.19 U
2,4-Dimethylphenol	ug/L	1	0.96 J	NA	< 5 U	< 5 U	< 10 U
2,6-Dinitrotoluene	ug/L	5	1.3 J	NA	< 5 U	< 5 U	< 10 U
2-Methylnaphthalene	ug/L	-	< 5 U	NA	< 5 U	< 5 U	< 5 U
2-Nitroaniline	ug/L	5	< 10 U	NA	< 10 U	< 10 U	< 10 U
3&4-Methylphenol	ug/L	1	1.1 J	NA	NA	NA	< 10 U
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	< 10 U	< 10 U	NA
4-Nitrophenol	ug/L	1	< 10 UJ	NA	< 10 U	< 10 U	< 10 U
Bis(2-ethylhexyl)phthalate	ug/L	5	< 10 U	NA	< 5 U	< 5 U	< 10 U
Caprolactam	ug/L	-	< 10 U	NA	< 5 U	< 5 U	< 10 U
Carbazole	ug/L	-	< 10 U	NA	< 5 U	< 5 U	< 10 U
Diethyl phthalate	ug/L	50	< 10 U	NA	< 5 U	< 5 U	< 10 U
Di-n-butyl phthalate	ug/L	50	0.47 J	NA	< 5 U	< 5 U	< 10 U
Di-n-octyl phthalate	ug/L	50	< 10 U	NA	< 5 U	< 5 U	< 10 U
Naphthalene	ug/L	10	1.4 J	NA	< 5 U	< 5 U	< 5 U
Nitrobenzene	ug/L	0.4	< 10 U	NA	< 5 U	< 5 U	< 10 U
N-Nitroso-di-n-propylamine	ug/L	-	< 10 UJ	NA	< 5 U	< 5 U	< 10 U
N-Nitrosodiphenylamine	ug/L	50	0.59 J	NA	< 5 U	< 5 U	< 10 U
Phenanthrene	ug/L	50	< 5 U	NA	< 5 U	0.49 J	< 5 U
Phenol	ug/L	1	< 10 U	NA	< 5 U	< 5 U	< 10 U
Pesticides							
4,4'-DDD	ug/L	0.3	< 0.04 U	NA	< 0.050 U	< 0.057 U	< 0.04 U
4,4'-DDE	ug/L	0.2	< 0.04 U	NA	< 0.050 U	< 0.057 U	< 0.04 U
4,4'-DDT	ug/L	0.2	< 0.04 U	NA	< 0.050 U	0.027 J	< 0.04 U
Aldrin	ug/L	ND	< 0.05 U	NA	< 0.050 U	< 0.057 U	< 0.05 U
alpha-BHC	ug/L	0.01	< 0.05 U	NA	< 0.050 U	< 0.057 U	< 0.05 U
beta-BHC	ug/L	0.04	< 0.05 U	NA	< 0.050 U	< 0.057 U	< 0.05 U
delta-BHC	ug/L	0.04	< 0.05 U	NA	< 0.050 U	< 0.057 U	< 0.05 U
Dieldrin	ug/L	0.004	< 0.002 U	NA	< 0.050 U	< 0.057 U	< 0.002 U
Endosulfan I	ug/L	-	< 0.05 U	NA	0.016 J	0.029 J	< 0.05 U
Endosulfan II	ug/L	-	< 0.079 U	NA	< 0.050 U	< 0.057 U	< 0.08 U
Endosulfan sulfate	ug/L	-	< 0.079 U	NA	< 0.050 U	0.028 J	< 0.08 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-105	FT-MW-105	FT-MW-106	FT-MW-106	FT-MW-106
Sample Name			FT-MW-105	FT-MW-105 Filtered	FT-MW-106- 191125	FT-MW-106- 200625	FT-MW-106
Sample Date			12/9/2022	12/9/2022	11/25/2019	6/25/2020	12/9/2022
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	< 0.079 U	NA	< 0.050 U	< 0.057 U	< 0.08 U
Endrin aldehyde	ug/L	5	< 0.079 U	NA	< 0.050 U	< 0.057 U	< 0.08 U
Endrin ketone	ug/L	5	< 0.079 U	NA	< 0.050 U	< 0.057 UJ	< 0.08 U
gamma-BHC (Lindane)	ug/L	0.05	< 0.03 U	NA	< 0.050 U	< 0.057 U	< 0.03 U
gamma-Chlordane	ug/L	0.05	NA	NA	< 0.050 U	0.015 J	NA
Heptachlor	ug/L	0.04	< 0.05 U	NA	< 0.050 U	< 0.057 U	< 0.05 U
Heptachlor epoxide	ug/L	0.03	< 0.05 U	NA	< 0.050 U	< 0.057 U	< 0.05 U
Hexachlorobenzene	ug/L	0.04	NA	NA	NA	NA	NA
Methoxychlor	ug/L	35	< 0.5 U	NA	< 0.050 U	0.044 J	< 0.5 U
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.20 U	< 0.19 U	< 0.50 U	< 1 U	< 0.20 U
Aroclor 1242	ug/L	-	< 0.20 U	< 0.19 U	< 0.50 U	< 1 U	< 0.20 U
Aroclor 1254	ug/L	-	< 0.20 U	< 0.19 U	< 0.50 U	< 1 U	< 0.20 U
Aroclor 1260	ug/L	-	< 0.20 U	< 0.19 U	< 0.50 U	< 1 UJ	< 0.20 U
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	0.019 J	<0.0010 U	NA	NA	NA
Dichlorobiphenyls	ug/L	-	0.076	<0.0010 U	NA	NA	NA
Trichlorobiphenyls	ug/L	-	0.058	<0.0020 U	NA	NA	NA
Tetrachlorobiphenyls	ug/L	-	0.025	<0.0020 U	NA	NA	NA
Pentachlorobiphenyls	ug/L	-	0.0037	<0.0020 U	NA	NA	NA
Hexachlorobiphenyls	ug/L	-	< 0.002 U	<0.0020 U	NA	NA	NA
Heptachlorobiphenyls	ug/L	-	< 0.0029 U	<0.0030 U	NA	NA	NA
Octachlorobiphenyls	ug/L	-	< 0.0029 U	<0.0030 U	NA	NA	NA
Nonachlorobiphenyls	ug/L	-	< 0.0049 UJ	<0.0050 U	NA	NA	NA
Decachlorobiphenyls	ug/L	-	< 0.0049 UJ	<0.0050 U	NA	NA	NA
PCB Homologues (total)	ug/L	-	0.1817	ND	NA	NA	NA
Metals							
Aluminum	ug/L	-	53	39 J	2600	750	< 50 U
Antimony	ug/L	3	20 J	19 J	< 20 U	< 20 U	< 50 U
Arsenic	ug/L	25	<10 U	<10 U	< 15 U	< 15 U	< 10 U
Barium	ug/L	1000	920	1100	120	100	100
Beryllium	ug/L	3	< 4 U	< 4 U	< 2 U	< 2 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 4 U	0.75 J+	< 2 U	< 4 U
Calcium	ug/L	-	78000	80000	31700	29900	37000
Chromium	ug/L	50	< 10 U	< 10 U	< 4 U	1.5 J	< 10 U
Cobalt	ug/L	-	3.6 J	3.2 J	3 J-	2.2 J	4.9 J
Copper	ug/L	200	< 10 U	< 10 U	15 J-	8.6 J	9.1 J
Iron	ug/L	300	32000	30000	2300	480	< 50 U
Lead	ug/L	25	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U
Magnesium	ug/L	35000	16000	16000	10500	9300	12000
Manganese	ug/L	300	900	830	4700 B	4400	5100
Mercury	ug/L	0.7	0.11 B	< 0.1 U	< 0.20 U	< 0.20 U	< 0.1 U
Nickel	ug/L	100	< 10 U	< 10 U	7.8 J	6.3 J	< 10 U
Potassium	ug/L	-	4500	4300	2600	2000	2300
Selenium	ug/L	10	< 50 U	< 50 U	< 25 UJ	< 25 U	< 50 U
Sodium	ug/L	20000	15000	13000	36100	22500	9900
Vanadium	ug/L	-	< 10 U	< 10 U	4 J	< 5 U	< 10 U
Zinc	ug/L	2000	48	20	15	8.9 J	12
Miscellaneous							
Cyanide	ug/L	200	< 10 U	NA	< 10 U	5.8 J	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-105	FT-MW-105	FT-MW-106	FT-MW-106	FT-MW-106
Sample Name			FT-MW-105	FT-MW-105 Filtered	FT-MW-106- 191125	FT-MW-106- 200625	FT-MW-106
Sample Date			12/9/2022	12/9/2022	11/25/2019	6/25/2020	12/9/2022
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	14	NA	< 18 U	< 90 U	< 10 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	3.5 J	NA	< 18 U	< 90 U	< 10 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	< 10 U	NA	6.2 B	4.8 J	8.1 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	< 520 U	NA	NA	NA	< 510 U
Perfluorobutanoic acid (PFBA)	ng/L	-	24 J	NA	< 11 U	3.8 J	16 J
Perfluorodecanoic acid (PFDA)	ng/L	-	< 10 U	NA	< 2 U	< 9 U	< 10 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	4.4 J	NA	< 2 U	< 9 U	< 10 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	< 21 U	NA	NA	NA	< 21 U
Perfluoroheptanoic acid (PFHpA)	ng/L	-	11	NA	8.8	4.6 J	10
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	55 J+	NA	25	26 B	44 J+
Perfluorohexanoic acid (PFHxA)	ng/L	-	14	NA	6.8	5.4 J	7.4 J
Perfluorononanesulfonic acid (PFNS)	ng/L	-	< 10 U	NA	NA	NA	< 10 U
Perfluorononanoic acid (PFNA)	ng/L	-	12	NA	< 2 U	< 9 U	2.9 J
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 10 U	NA	< 9 U	< 9 U	< 10 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	70	NA	4.3	2.8 J	< 10 U
Perfluorooctanoic acid (PFOA)	ng/L	6.7	44	NA	30	35	34
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	8.5 J	NA	NA	NA	9 J
Perfluoropentanoic acid (PFPA)	ng/L	-	< 21 U	NA	< 5 U	3.1 J	< 21 U
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 10 U	NA	< 2 U	< 9 U	< 10 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 10 U	NA	< 2 U	< 9 U	< 10 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	< 42 U	NA	< 18 U	< 90 UJ	< 41 U
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	< 42 UJ	NA	< 18 U	< 90 U	< 41 UJ
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	< 100 U	NA	NA	NA	< 100 U
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	< 42 U	NA	NA	NA	< 41 U
PFAS (total)	ng/L	-	260.4	NA	81.1	85.5	131.4

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location		FT-MW-105	FT-MW-105	FT-MW-106	FT-MW-106	FT-MW-106
Sample Name		FT-MW-105	FT-MW-105 Filtered	FT-MW-106- 191125	FT-MW-106- 200625	FT-MW-106
Sample Date		12/9/2022	12/9/2022	11/25/2019	6/25/2020	12/9/2022
Analyte	Unit	Criteria				
		(1)				

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-106	MW-107	MW-107	MW-107	MW-107
Sample Name			FT-MW-106 - Filtered	MW-107-191126	MW-107-200623	MW-107	MW-107 Filtered
Sample Date			12/9/2022	11/26/2019	6/23/2020	12/8/2022	12/8/2022
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	NA	< 1 U	< 1 U	< 1 U	NA
1,4-Dichlorobenzene	ug/L	3	NA	< 1 U	< 1 U	< 1 U	NA
Acetone	ug/L	50	NA	< 10 U	< 10 UJ	< 50 UJ	NA
Benzene	ug/L	1	NA	< 1 U	< 1 U	< 1 U	NA
Carbon disulfide	ug/L	60	NA	< 1 U	< 1 U	< 5 UJ	NA
Chlorobenzene	ug/L	5	NA	< 1 U	< 1 U	< 1 U	NA
Chloroform	ug/L	7	NA	< 1 U	< 1 U	< 2 U	NA
Dichlorodifluoromethane	ug/L	5	NA	< 1 U	< 1 U	< 2 U	NA
Ethylbenzene	ug/L	5	NA	< 1 U	< 1 U	< 1 U	NA
Isopropylbenzene (Cumene)	ug/L	5	NA	< 1 U	< 1 U	< 1 U	NA
Methyl ethyl ketone (2-Butanone)	ug/L	50	NA	< 10 U	< 10 U	< 20 U	NA
Methyl tert-butyl ether (MTBE)	ug/L	10	NA	< 1 U	< 1 U	< 1 U	NA
Methylene chloride	ug/L	5	NA	< 1 U	< 1 U	< 5 U	NA
Toluene	ug/L	5	NA	< 1 U	< 1 U	< 1 U	NA
Trichloroethylene	ug/L	5	NA	< 1 U	< 1 U	< 1 U	NA
Vinyl chloride	ug/L	2	NA	< 1 U	< 1 U	< 2 U	NA
Xylenes (total)	ug/L	5	NA	< 2 U	< 2 U	< 1 U	NA
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	NA	< 0.21 U	< 0.19 U	< 0.19 U	NA
2,4-Dimethylphenol	ug/L	1	NA	< 5 U	< 5 U	< 10 U	NA
2,6-Dinitrotoluene	ug/L	5	NA	< 5 U	< 5 U	< 10 U	NA
2-Methylnaphthalene	ug/L	-	NA	< 5 U	< 5 U	< 5 U	NA
2-Nitroaniline	ug/L	5	NA	< 10 U	< 10 U	< 10 U	NA
3&4-Methylphenol	ug/L	1	NA	NA	NA	< 10 U	NA
4-Methylphenol (p-Cresol)	ug/L	1	NA	< 10 U	< 10 U	NA	NA
4-Nitrophenol	ug/L	1	NA	< 10 U	< 10 UJ	< 10 UJ	NA
Bis(2-ethylhexyl)phthalate	ug/L	5	NA	< 5 U	< 5 U	< 10 UJ	NA
Caprolactam	ug/L	-	NA	< 5 U	< 5 U	< 10 UJ	NA
Carbazole	ug/L	-	NA	< 5 U	< 5 U	< 10 U	NA
Diethyl phthalate	ug/L	50	NA	< 5 U	< 5 U	< 10 U	NA
Di-n-butyl phthalate	ug/L	50	NA	< 5 U	< 5 U	< 10 U	NA
Di-n-octyl phthalate	ug/L	50	NA	< 5 U	< 5 U	< 10 U	NA
Naphthalene	ug/L	10	NA	< 5 U	< 5 U	< 5 U	NA
Nitrobenzene	ug/L	0.4	NA	< 5 U	< 5 U	< 10 U	NA
N-Nitroso-di-n-propylamine	ug/L	-	NA	< 5 U	< 5 U	< 10 UJ	NA
N-Nitrosodiphenylamine	ug/L	50	NA	< 5 U	< 5 U	< 10 U	NA
Phenanthrene	ug/L	50	NA	< 5 U	< 5 U	< 5 U	NA
Phenol	ug/L	1	NA	< 5 U	< 5 U	< 10 U	NA
Pesticides							
4,4'-DDD	ug/L	0.3	NA	0.056 J	< 0.050 UJ	< 0.038 U	NA
4,4'-DDE	ug/L	0.2	NA	< 0.054 U	< 0.050 UJ	< 0.038 U	NA
4,4'-DDT	ug/L	0.2	NA	0.023 J	0.02 J	< 0.038 U	NA
Aldrin	ug/L	ND	NA	< 0.054 U	< 0.050 U	< 0.048 U	NA
alpha-BHC	ug/L	0.01	NA	0.015 J	< 0.050 U	< 0.048 U	NA
beta-BHC	ug/L	0.04	NA	< 0.054 U	< 0.050 U	< 0.048 U	NA
delta-BHC	ug/L	0.04	NA	< 0.054 U	< 0.050 U	< 0.048 U	NA
Dieldrin	ug/L	0.004	NA	< 0.054 U	< 0.050 UJ	< 0.0019 U	NA
Endosulfan I	ug/L	-	NA	< 0.054 U	< 0.050 UJ	< 0.048 U	NA
Endosulfan II	ug/L	-	NA	< 0.054 U	< 0.050 UJ	< 0.077 U	NA
Endosulfan sulfate	ug/L	-	NA	< 0.054 U	< 0.050 UJ	< 0.077 U	NA

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-106	MW-107	MW-107	MW-107	MW-107
Sample Name			FT-MW-106 - Filtered	MW-107-191126	MW-107-200623	MW-107	MW-107 Filtered
Sample Date			12/9/2022	11/26/2019	6/23/2020	12/8/2022	12/8/2022
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	NA	< 0.054 U	< 0.050 UJ	< 0.077 U	NA
Endrin aldehyde	ug/L	5	NA	< 0.054 U	< 0.050 UJ	< 0.077 U	NA
Endrin ketone	ug/L	5	NA	< 0.054 U	< 0.050 UJ	< 0.077 U	NA
gamma-BHC (Lindane)	ug/L	0.05	NA	< 0.054 U	< 0.050 U	< 0.029 U	NA
gamma-Chlordane	ug/L	0.05	NA	< 0.054 U	0.011 J	NA	NA
Heptachlor	ug/L	0.04	NA	< 0.054 U	< 0.050 U	< 0.048 U	NA
Heptachlor epoxide	ug/L	0.03	NA	< 0.054 U	< 0.050 U	< 0.048 U	NA
Hexachlorobenzene	ug/L	0.04	NA	NA	NA	NA	NA
Methoxychlor	ug/L	35	NA	< 0.054 U	< 0.050 UJ	< 0.48 U	NA
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.20 U	< 1 U	< 0.50 U	< 0.19 U	< 0.19 U
Aroclor 1242	ug/L	-	< 0.20 U	< 1 U	< 0.50 U	< 0.19 U	< 0.19 U
Aroclor 1254	ug/L	-	< 0.20 U	< 1 U	< 0.50 U	< 0.19 U	< 0.19 U
Aroclor 1260	ug/L	-	< 0.20 U	< 1 U	< 0.50 UJ	< 0.19 U	< 0.19 U
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	NA	NA	NA	< 0.00094 UJ	< 0.00094 UJ
Dichlorobiphenyls	ug/L	-	NA	NA	NA	< 0.00094 U	< 0.00094 U
Trichlorobiphenyls	ug/L	-	NA	NA	NA	< 0.0019 U	< 0.0019 U
Tetrachlorobiphenyls	ug/L	-	NA	NA	NA	< 0.0019 U	< 0.0019 U
Pentachlorobiphenyls	ug/L	-	NA	NA	NA	< 0.0019 U	< 0.0019 U
Hexachlorobiphenyls	ug/L	-	NA	NA	NA	< 0.0019 U	< 0.0019 U
Heptachlorobiphenyls	ug/L	-	NA	NA	NA	< 0.0028 U	< 0.0028 U
Octachlorobiphenyls	ug/L	-	NA	NA	NA	< 0.0028 U	< 0.0028 U
Nonachlorobiphenyls	ug/L	-	NA	NA	NA	< 0.0047 UJ	< 0.0047 UJ
Decachlorobiphenyls	ug/L	-	NA	NA	NA	< 0.0047 UJ	< 0.0047 UJ
PCB Homologues (total)	ug/L	-	NA	NA	NA	ND	ND
Metals							
Aluminum	ug/L	-	< 50 U	310 J+	< 200 U	< 50 U	< 50 U
Antimony	ug/L	3	< 50 U	< 20 U	< 20 U	19 J	20 J
Arsenic	ug/L	25	< 10 U	< 15 U	< 15 U	< 10 U	< 10 U
Barium	ug/L	1000	110	280	350	390	390
Beryllium	ug/L	3	< 4 U	< 2 U	< 2 U	< 4 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 2 U	< 2 U	< 4 U	< 4 U
Calcium	ug/L	-	35000	74800	85600	95000	91000
Chromium	ug/L	50	< 10 U	< 4 U	< 4 U	< 10 U	< 10 U
Cobalt	ug/L	-	4.7 J	< 4 UJ	< 4 U	< 10 U	< 10 U
Copper	ug/L	200	8.3 J	< 10 UJ	< 10 U	< 10 U	< 10 U
Iron	ug/L	300	< 50 U	780	290	190	99
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Magnesium	ug/L	35000	11000	35000	38300	41000	39000
Manganese	ug/L	300	4900	400	250	230	52
Mercury	ug/L	0.7	0.13	< 0.20 U	< 0.20 U	0.13 B	< 0.1 U
Nickel	ug/L	100	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Potassium	ug/L	-	2100	1400	< 500 U	1400 J	1200 J
Selenium	ug/L	10	< 50 U	< 25 UJ	< 25 U	< 50 U	< 50 U
Sodium	ug/L	20000	9400	6000	6600	8300	7200
Vanadium	ug/L	-	7.4 J	< 5 U	< 5 U	4.9 J	8.2 J
Zinc	ug/L	2000	14	1.9 J	< 10 U	< 10 U	< 10 U
Miscellaneous							
Cyanide	ug/L	200	NA	< 10 U	< 10 U	< 10 U	NA

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			FT-MW-106	MW-107	MW-107	MW-107	MW-107
Sample Name			FT-MW-106 - Filtered	MW-107-191126	MW-107-200623	MW-107	MW-107 Filtered
Sample Date			12/9/2022	11/26/2019	6/23/2020	12/8/2022	12/8/2022
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	NA	< 19 U	< 18 U	< 1 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	NA	< 19 U	< 18 U	< 1 U	NA
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	NA	51	58	83	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	NA	NA	NA	< 51 U	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	NA	16 B	16 J+	16 J	NA
Perfluorodecanoic acid (PFDA)	ng/L	-	NA	< 2 U	< 2 U	< 1 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	NA	9.4	10	13	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA	NA	NA	< 2 UJ	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	NA	17	20	31	NA
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	NA	290	350	580	NA
Perfluorohexanoic acid (PFHxA)	ng/L	-	NA	75	91	130	NA
Perfluorononanesulfonic acid (PFNS)	ng/L	-	NA	NA	NA	< 1 U	NA
Perfluorononanoic acid (PFNA)	ng/L	-	NA	13	12	19	NA
Perfluorooctane sulfonamide (FOSA)	ng/L	-	NA	< 9 U	< 2 U	< 1 U	NA
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	NA	130	130	< 1 U	NA
Perfluorooctanoic acid (PFOA)	ng/L	6.7	NA	54	56	110	NA
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	NA	NA	160	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	NA	25	25	37 J	NA
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	NA	< 2 U	0.29 J	< 1 UJ	NA
Perfluoroundecanoic acid (PFUnA)	ng/L	-	NA	< 2 U	< 2 U	< 1 U	NA
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	NA	< 19 U	< 18 U	1.6 J	NA
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	NA	< 19 U	< 18 U	< 4 U	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA	NA	NA	< 10 UJ	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	NA	NA	NA	< 4 U	NA
PFAS (total)	ng/L	-	NA	680.4	768.29	1180.6	NA

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location		FT-MW-106	MW-107	MW-107	MW-107	MW-107
Sample Name		FT-MW-106 - Filtered	MW-107-191126	MW-107-200623	MW-107	MW-107 Filtered
Sample Date		12/9/2022	11/26/2019	6/23/2020	12/8/2022	12/8/2022
Analyte	Unit	Criteria				
		(1)				

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-107	MW-107	MW-107	MW-108	MW-108
Sample Name			MW-157	MW-157 Filtered	MW-107	MW-108-191126	MW-108-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria	Field Duplicate	Field Duplicate			
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	< 1 U	NA	NA	< 10 U	< 20 U
1,4-Dichlorobenzene	ug/L	3	< 1 U	NA	NA	< 10 U	< 20 U
Acetone	ug/L	50	< 50 U	NA	NA	< 100 U	< 200 UJ
Benzene	ug/L	1	< 1 U	NA	NA	< 10 U	< 20 U
Carbon disulfide	ug/L	60	< 5 UJ	NA	NA	< 10 U	< 20 U
Chlorobenzene	ug/L	5	< 1 U	NA	NA	< 10 U	< 20 U
Chloroform	ug/L	7	< 2 U	NA	NA	< 10 U	< 20 U
Dichlorodifluoromethane	ug/L	5	< 2 U	NA	NA	< 10 U	< 20 U
Ethylbenzene	ug/L	5	< 1 U	NA	NA	< 10 U	< 20 U
Isopropylbenzene (Cumene)	ug/L	5	< 1 U	NA	NA	< 10 U	< 20 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	< 20 U	NA	NA	< 100 U	< 200 U
Methyl tert-butyl ether (MTBE)	ug/L	10	< 1 U	NA	NA	< 10 U	< 20 U
Methylene chloride	ug/L	5	< 5 U	NA	NA	< 10 U	< 20 U
Toluene	ug/L	5	< 1 U	NA	NA	< 10 U	< 20 U
Trichloroethylene	ug/L	5	< 1 U	NA	NA	< 10 U	< 20 U
Vinyl chloride	ug/L	2	< 2 U	NA	NA	< 10 U	< 20 U
Xylenes (total)	ug/L	5	< 1 U	NA	NA	< 20 U	< 40 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	< 0.19 U	NA	NA	1.3	2.9
2,4-Dimethylphenol	ug/L	1	< 10 U	NA	NA	< 25 U	< 25 U
2,6-Dinitrotoluene	ug/L	5	< 10 U	NA	NA	< 25 U	< 25 U
2-Methylnaphthalene	ug/L	-	< 5 U	NA	NA	< 25 U	< 25 U
2-Nitroaniline	ug/L	5	< 10 U	NA	NA	< 50 U	< 50 U
3&4-Methylphenol	ug/L	1	< 10 U	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	NA	< 50 U	< 50 U
4-Nitrophenol	ug/L	1	< 10 UJ	NA	NA	< 50 U	< 50 UJ
Bis(2-ethylhexyl)phthalate	ug/L	5	< 10 UJ	NA	NA	< 25 U	< 25 U
Caprolactam	ug/L	-	< 10 UJ	NA	NA	< 25 U	< 25 U
Carbazole	ug/L	-	< 10 U	NA	NA	< 25 U	< 25 U
Diethyl phthalate	ug/L	50	< 10 U	NA	NA	< 25 U	< 25 U
Di-n-butyl phthalate	ug/L	50	< 10 U	NA	NA	< 25 U	< 25 U
Di-n-octyl phthalate	ug/L	50	< 10 U	NA	NA	< 25 U	< 25 U
Naphthalene	ug/L	10	< 5 U	NA	NA	< 25 U	< 25 U
Nitrobenzene	ug/L	0.4	< 10 U	NA	NA	< 25 U	< 25 U
N-Nitroso-di-n-propylamine	ug/L	-	< 10 UJ	NA	NA	< 25 U	< 25 U
N-Nitrosodiphenylamine	ug/L	50	< 10 U	NA	NA	< 25 U	< 25 U
Phenanthrene	ug/L	50	< 5 U	NA	NA	< 25 U	< 25 U
Phenol	ug/L	1	< 10 U	NA	NA	< 25 U	< 25 U
Pesticides							
4,4'-DDD	ug/L	0.3	< 0.038 U	NA	< 0.036 U	0.1	0.041 J
4,4'-DDE	ug/L	0.2	< 0.038 U	NA	< 0.036 U	< 0.057 U	< 0.050 UJ
4,4'-DDT	ug/L	0.2	< 0.038 U	NA	< 0.036 U	< 0.057 U	< 0.050 UJ
Aldrin	ug/L	ND	< 0.048 U	NA	< 0.045 U	< 0.057 U	< 0.050 U
alpha-BHC	ug/L	0.01	< 0.048 U	NA	< 0.045 U	< 0.057 U	< 0.050 U
beta-BHC	ug/L	0.04	< 0.048 U	NA	< 0.045 U	< 0.057 U	< 0.050 U
delta-BHC	ug/L	0.04	< 0.048 U	NA	< 0.045 UJ	0.047 J	< 0.050 U
Dieldrin	ug/L	0.004	< 0.0019 U	NA	< 0.0018 U	< 0.057 U	< 0.050 UJ
Endosulfan I	ug/L	-	< 0.048 U	NA	< 0.045 U	0.088	0.055 J
Endosulfan II	ug/L	-	< 0.077 U	NA	< 0.073 U	< 0.057 U	< 0.050 UJ
Endosulfan sulfate	ug/L	-	< 0.077 U	NA	< 0.073 U	< 0.057 U	0.049 J

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-107	MW-107	MW-107	MW-108	MW-108
Sample Name			MW-157	MW-157 Filtered	MW-107	MW-108-191126	MW-108-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria	Field Duplicate	Field Duplicate			
		(1)					
Endrin	ug/L	ND	< 0.077 U	NA	< 0.073 U	< 0.057 U	< 0.050 UJ
Endrin aldehyde	ug/L	5	< 0.077 U	NA	< 0.073 U	0.063	< 0.050 UJ
Endrin ketone	ug/L	5	< 0.077 U	NA	< 0.073 U	< 0.057 U	< 0.050 UJ
gamma-BHC (Lindane)	ug/L	0.05	< 0.029 U	NA	< 0.027 U	< 0.057 U	< 0.050 U
gamma-Chlordane	ug/L	0.05	NA	NA	NA	< 0.057 U	< 0.050 UJ
Heptachlor	ug/L	0.04	< 0.048 U	NA	< 0.045 U	< 0.057 U	< 0.050 U
Heptachlor epoxide	ug/L	0.03	< 0.048 U	NA	< 0.045 U	< 0.057 U	< 0.050 U
Hexachlorobenzene	ug/L	0.04	NA	NA	< 0.045 U	NA	NA
Methoxychlor	ug/L	35	< 0.48 U	NA	< 0.45 U	< 0.057 U	< 0.050 UJ
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.19 U	< 0.19 U	< 0.18 U	< 1 U	< 2 U
Aroclor 1242	ug/L	-	< 0.19 U	< 0.19 U	< 0.18 U	< 1 U	< 2 U
Aroclor 1254	ug/L	-	< 0.19 U	< 0.19 U	< 0.18 U	< 1 U	< 2 U
Aroclor 1260	ug/L	-	< 0.19 U	< 0.19 U	< 0.18 U	< 1 U	< 2 UJ
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	< 0.00095 UJ	< 0.00095 UJ	NA	NA	NA
Dichlorobiphenyls	ug/L	-	< 0.00095 U	< 0.00095 U	NA	NA	NA
Trichlorobiphenyls	ug/L	-	< 0.0019 U	< 0.0019 U	NA	NA	NA
Tetrachlorobiphenyls	ug/L	-	< 0.0019 U	< 0.0019 U	NA	NA	NA
Pentachlorobiphenyls	ug/L	-	< 0.0019 U	< 0.0019 U	NA	NA	NA
Hexachlorobiphenyls	ug/L	-	< 0.0019 U	< 0.0019 U	NA	NA	NA
Heptachlorobiphenyls	ug/L	-	< 0.0029 U	< 0.0029 U	NA	NA	NA
Octachlorobiphenyls	ug/L	-	< 0.0029 U	< 0.0029 U	NA	NA	NA
Nonachlorobiphenyls	ug/L	-	< 0.0048 UJ	< 0.0048 UJ	NA	NA	NA
Decachlorobiphenyls	ug/L	-	< 0.0048 UJ	< 0.0048 UJ	NA	NA	NA
PCB Homologues (total)	ug/L	-	ND	ND	NA	NA	NA
Metals							
Aluminum	ug/L	-	< 50 U	< 50 U	< 50 U	600 J+	1700
Antimony	ug/L	3	19 J	18 J	< 50 U	< 20 U	< 20 U
Arsenic	ug/L	25	< 10 U	< 10 U	< 10 U	37	56
Barium	ug/L	1000	390	400	380	430	790
Beryllium	ug/L	3	< 4 U	< 4 U	< 4 U	< 2 U	0.9 J
Cadmium	ug/L	5	< 4 U	< 4 U	< 4 U	< 2 U	< 2 U
Calcium	ug/L	-	97000	97000	89000	29600	34300
Chromium	ug/L	50	< 10 U	< 10 U	< 10 U	< 4 U	16
Cobalt	ug/L	-	< 10 U	< 10 U	< 10 U	0.88 J-	3.1 J
Copper	ug/L	200	< 10 U	< 10 U	< 10 U	12 J-	94
Iron	ug/L	300	170	120	85	7900	20200
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	3.7 J	31
Magnesium	ug/L	35000	40000	41000	37000	7700	10600
Manganese	ug/L	300	200	80	220	1400	2900
Mercury	ug/L	0.7	0.12 B	< 0.1 U	< 0.2 U	< 0.20 U	< 0.20 U
Nickel	ug/L	100	< 10 U	< 10 U	< 10 U	7.1 J	22
Potassium	ug/L	-	1300 J	1200 J	1100 J	3200	2900 B
Selenium	ug/L	10	< 50 U	< 50 U	< 50 U	< 25 UJ	< 25 U
Sodium	ug/L	20000	8100	7500	6700	119000	205000
Vanadium	ug/L	-	4.6 J	9 J	< 10 U	8.8	62
Zinc	ug/L	2000	< 10 U	< 10 U	< 10 U	4.3 J	13
Miscellaneous							
Cyanide	ug/L	200	< 10 U	NA	NA	< 10 U	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-107	MW-107	MW-107	MW-108	MW-108
Sample Name			MW-157	MW-157 Filtered	MW-107	MW-108-191126	MW-108-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria	Field	Field			
		(1)	Duplicate	Duplicate			
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	< 1 U	NA	< 1 U	6.7 J	< 200 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	< 1 U	NA	< 1 U	4.3 J	< 200 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	57	NA	54	6.2 J	37 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	< 45 U	NA	< 48 U	NA	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	12 J	NA	23 J	31 J	37 J+
Perfluorodecanoic acid (PFDA)	ng/L	-	< 1 U	NA	< 1 U	1.6 J	< 20 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	9.6	NA	10	1.8 J	< 20 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	< 2 U	NA	< 2 U	NA	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	22	NA	20	11 J	32
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	560	NA	490	26 J	48 B
Perfluorohexanoic acid (PFHxA)	ng/L	-	84	NA	83	22 J	37
Perfluorononanesulfonic acid (PFNS)	ng/L	-	< 1 U	NA	< 1 U	NA	NA
Perfluorononanoic acid (PFNA)	ng/L	-	13	NA	13	63 J	51
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 1 U	NA	< 1 U	< 10 U	< 20 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	110	NA	41	39 J	60
Perfluorooctanoic acid (PFOA)	ng/L	6.7	77	NA	75	68 J	170
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	110	NA	110	NA	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	25	NA	23	9 J	33
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 1 U	NA	< 1 U	< 2 U	< 20 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 1 U	NA	< 1 U	7.8 J	< 20 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	1.2 J	NA	1.7 J	5.7 J	27 J
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	< 4 U	NA	< 4 U	3.5 J	< 200 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	< 9 U	NA	< 10 U	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	< 4 U	NA	< 4 U	NA	NA
PFAS (total)	ng/L	-	1080.8	NA	943.7	306.6	532

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			MW-107	MW-107	MW-107	MW-108	MW-108
Sample Name			MW-157	MW-157 Filtered	MW-107	MW-108-191126	MW-108-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria	Field Duplicate	Field Duplicate			
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-108	MW-108	MW-108	MW-109	MW-109
Sample Name			MW-108	MW-108 Filtered	MW-108	MW-109-191126	MW-109-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	< 1 U	NA	NA	< 10 U	< 10 U
1,4-Dichlorobenzene	ug/L	3	< 1 U	NA	NA	< 10 U	< 10 U
Acetone	ug/L	50	< 50 UJ	NA	NA	< 100 U	< 100 UJ
Benzene	ug/L	1	1.4	NA	NA	< 10 U	< 10 U
Carbon disulfide	ug/L	60	< 5 UJ	NA	NA	< 10 U	< 10 U
Chlorobenzene	ug/L	5	< 1 U	NA	NA	< 10 U	< 10 U
Chloroform	ug/L	7	< 2 U	NA	NA	< 10 U	< 10 U
Dichlorodifluoromethane	ug/L	5	< 2 U	NA	NA	< 10 U	< 10 U
Ethylbenzene	ug/L	5	< 1 U	NA	NA	< 10 U	< 10 U
Isopropylbenzene (Cumene)	ug/L	5	0.94 J	NA	NA	< 10 U	< 10 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	< 20 U	NA	NA	< 100 U	< 100 U
Methyl tert-butyl ether (MTBE)	ug/L	10	< 1 U	NA	NA	< 10 U	< 10 U
Methylene chloride	ug/L	5	< 5 U	NA	NA	< 10 U	< 10 U
Toluene	ug/L	5	< 1 U	NA	NA	< 10 U	< 10 U
Trichloroethylene	ug/L	5	< 1 U	NA	NA	< 10 U	< 10 U
Vinyl chloride	ug/L	2	< 2 U	NA	NA	< 10 U	< 10 U
Xylenes (total)	ug/L	5	< 1 U	NA	NA	< 20 U	< 20 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	0.95	NA	1.2	0.97	0.67
2,4-Dimethylphenol	ug/L	1	< 10 U	NA	NA	< 25 U	< 5 U
2,6-Dinitrotoluene	ug/L	5	< 10 U	NA	NA	< 25 U	< 5 U
2-Methylnaphthalene	ug/L	-	< 5 U	NA	NA	< 25 U	< 5 U
2-Nitroaniline	ug/L	5	< 10 U	NA	NA	< 50 U	< 10 U
3&4-Methylphenol	ug/L	1	< 10 U	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	NA	< 50 U	< 10 U
4-Nitrophenol	ug/L	1	< 10 UJ	NA	NA	< 50 U	< 10 UJ
Bis(2-ethylhexyl)phthalate	ug/L	5	< 10 UJ	NA	NA	< 25 U	< 5 U
Caprolactam	ug/L	-	< 10 UJ	NA	NA	< 25 U	< 5 U
Carbazole	ug/L	-	< 10 U	NA	NA	< 25 U	< 5 U
Diethyl phthalate	ug/L	50	< 10 U	NA	NA	< 25 U	< 5 U
Di-n-butyl phthalate	ug/L	50	< 10 U	NA	NA	< 25 U	< 5 U
Di-n-octyl phthalate	ug/L	50	< 10 U	NA	NA	< 25 U	< 5 U
Naphthalene	ug/L	10	< 5 U	NA	NA	< 25 U	< 5 U
Nitrobenzene	ug/L	0.4	< 10 U	NA	NA	< 25 U	< 5 U
N-Nitroso-di-n-propylamine	ug/L	-	< 10 UJ	NA	NA	< 25 U	< 5 U
N-Nitrosodiphenylamine	ug/L	50	< 10 U	NA	NA	< 25 U	< 5 U
Phenanthrene	ug/L	50	< 5 U	NA	NA	< 25 U	< 5 U
Phenol	ug/L	1	< 10 U	NA	NA	< 25 U	< 5 U
Pesticides							
4,4'-DDD	ug/L	0.3	< 0.038 U	NA	< 0.039 UJ	0.14 J	< 0.050 UJ
4,4'-DDE	ug/L	0.2	< 0.038 U	NA	< 0.039 U	< 0.050 U	< 0.050 UJ
4,4'-DDT	ug/L	0.2	< 0.038 U	NA	< 0.039 UJ	< 0.050 U	0.026 J
Aldrin	ug/L	ND	< 0.048 U	NA	< 0.049 U	< 0.050 U	< 0.050 U
alpha-BHC	ug/L	0.01	< 0.048 U	NA	< 0.049 U	< 0.050 U	< 0.050 U
beta-BHC	ug/L	0.04	< 0.048 U	NA	< 0.049 U	< 0.050 U	< 0.050 U
delta-BHC	ug/L	0.04	< 0.048 U	NA	< 0.049 UJ	0.053	< 0.050 U
Dieldrin	ug/L	0.004	< 0.0019 U	NA	< 0.002 U	0.028 J	0.01 J
Endosulfan I	ug/L	-	< 0.048 U	NA	< 0.049 U	< 0.050 U	< 0.050 UJ
Endosulfan II	ug/L	-	< 0.077 U	NA	< 0.078 U	< 0.050 U	< 0.050 UJ
Endosulfan sulfate	ug/L	-	< 0.077 U	NA	< 0.078 U	< 0.050 U	< 0.050 UJ

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-108	MW-108	MW-108	MW-109	MW-109
Sample Name			MW-108	MW-108 Filtered	MW-108	MW-109-191126	MW-109-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	< 0.077 U	NA	< 0.078 U	< 0.050 U	< 0.050 UJ
Endrin aldehyde	ug/L	5	< 0.077 U	NA	< 0.078 U	< 0.050 U	< 0.050 UJ
Endrin ketone	ug/L	5	< 0.077 U	NA	< 0.078 U	< 0.050 U	< 0.050 UJ
gamma-BHC (Lindane)	ug/L	0.05	< 0.029 U	NA	< 0.029 U	< 0.050 U	< 0.050 U
gamma-Chlordane	ug/L	0.05	NA	NA	NA	< 0.050 U	< 0.050 UJ
Heptachlor	ug/L	0.04	< 0.048 U	NA	< 0.049 U	< 0.050 U	< 0.050 U
Heptachlor epoxide	ug/L	0.03	< 0.048 U	NA	< 0.049 U	< 0.050 U	< 0.050 U
Hexachlorobenzene	ug/L	0.04	NA	NA	< 0.049 U	NA	NA
Methoxychlor	ug/L	35	< 0.48 U	NA	< 0.49 UJ	< 0.050 U	< 0.050 UJ
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.19 U	< 0.19 U	< 0.20 U	< 1 U	< 0.50 U
Aroclor 1242	ug/L	-	< 0.19 U	< 0.19 U	< 0.20 U	< 1 U	< 0.50 U
Aroclor 1254	ug/L	-	< 0.19 U	< 0.19 U	< 0.20 U	< 1 U	< 0.50 U
Aroclor 1260	ug/L	-	< 0.19 U	< 0.19 U	< 0.20 U	< 1 U	< 0.50 UJ
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	< 0.00094 UJ	< 0.00094 UJ	NA	NA	NA
Dichlorobiphenyls	ug/L	-	< 0.00094 U	< 0.00094 U	NA	NA	NA
Trichlorobiphenyls	ug/L	-	< 0.0019 U	< 0.0019 U	NA	NA	NA
Tetrachlorobiphenyls	ug/L	-	< 0.0019 U	< 0.0019 U	NA	NA	NA
Pentachlorobiphenyls	ug/L	-	< 0.0019 U	< 0.0019 U	NA	NA	NA
Hexachlorobiphenyls	ug/L	-	< 0.0019 U	< 0.0019 U	NA	NA	NA
Heptachlorobiphenyls	ug/L	-	< 0.0028 U	< 0.0028 U	NA	NA	NA
Octachlorobiphenyls	ug/L	-	< 0.0028 U	< 0.0028 U	NA	NA	NA
Nonachlorobiphenyls	ug/L	-	< 0.0047 UJ	< 0.0047 UJ	NA	NA	NA
Decachlorobiphenyls	ug/L	-	< 0.0047 UJ	< 0.0047 UJ	NA	NA	NA
PCB Homologues (total)	ug/L	-	ND	ND	NA	NA	NA
Metals							
Aluminum	ug/L	-	< 50 U	< 50 U	150	< 200 U	140 J
Antimony	ug/L	3	15 J	16 J	< 50 U	< 20 U	< 20 U
Arsenic	ug/L	25	28	33	40 B	11 J	6.4 J
Barium	ug/L	1000	630	610	590	570	650
Beryllium	ug/L	3	< 4 U	< 4 U	< 4 U	< 2 U	< 2 U
Cadmium	ug/L	5	< 4 U	< 4 U	< 4 U	< 2 U	< 2 U
Calcium	ug/L	-	39000	40000	33000	52100	58000
Chromium	ug/L	50	< 10 U	< 10 U	< 10 U	< 4 U	1.2 J
Cobalt	ug/L	-	1.6 J	2.1 J	< 10 U	< 4 UJ	0.63 J
Copper	ug/L	200	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U
Iron	ug/L	300	9400	9700	11000	4400	3600
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Magnesium	ug/L	35000	14000	14000	12000	24600	32400
Manganese	ug/L	300	2900	2700	2600	3600	2500
Mercury	ug/L	0.7	0.097 J	< 0.1 U	< 0.2 U	< 0.20 U	< 0.20 U
Nickel	ug/L	100	< 10 U	< 10 U	< 10 U	7.1 J	5.1 J
Potassium	ug/L	-	4100	3800	3800	2000	1200 B
Selenium	ug/L	10	< 50 U	< 50 U	< 50 U	< 25 UJ	< 25 U
Sodium	ug/L	20000	77000	82000	110000	128000	122000
Vanadium	ug/L	-	5.4 J	5.8 J	13	2.6 J	1.6 J
Zinc	ug/L	2000	< 10 U	< 10 U	28	1.8 J	< 10 U
Miscellaneous							
Cyanide	ug/L	200	< 10 U	NA	NA	< 10 U	7.4 J

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-108	MW-108	MW-108	MW-109	MW-109
Sample Name			MW-108	MW-108 Filtered	MW-108	MW-109-191126	MW-109-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	12 J	NA	7.5	< 18 U	< 18 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	< 10 U	NA	3.5	< 18 U	< 18 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	9.4 J	NA	12 J	0.69 J	< 2 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	< 520 U	NA	22 J	NA	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	43	NA	NA	20 B	260 B
Perfluorodecanoic acid (PFDA)	ng/L	-	2 J	NA	1.4	< 2 U	< 2 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	< 10 U	NA	3.9	0.88 J	< 2 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	< 21 U	NA	0.69 J	NA	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	15	NA	18	8.1	15
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	36 J+	NA	40	23	45 B
Perfluorohexanoic acid (PFHxA)	ng/L	-	20	NA	20	9.8	24
Perfluorononanesulfonic acid (PFNS)	ng/L	-	< 10 U	NA	0.76 J	NA	NA
Perfluorononanoic acid (PFNA)	ng/L	-	88	NA	69	7.1	17
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 10 U	NA	0.38 J	< 9 U	< 2 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	56	NA	48	4	34
Perfluorooctanoic acid (PFOA)	ng/L	6.7	97	NA	120	51	110
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	6.9 J	NA	9.9	NA	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	< 21 U	NA	NA	7.9	38
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 10 U	NA	< 1 U	< 2 U	< 2 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	13	NA	5.7	< 2 U	< 2 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	< 42 U	NA	15 J	< 18 U	7.2 J
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	< 42 UJ	NA	4.4 J	< 18 U	2.7 J
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	< 100 U	NA	< 10 U	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	< 42 U	NA	< 4 U	NA	NA
PFAS (total)	ng/L	-	398.3	NA	402.13	132.47	552.9

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			MW-108	MW-108	MW-108	MW-109	MW-109
Sample Name			MW-108	MW-108 Filtered	MW-108	MW-109-191126	MW-109-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria					
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-109	MW-109	MW-109	MW-110	MW-110
Sample Name			MW-109	MW-109 Filtered	MW-109	MW-110-191126	MW-110-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	< 1 U	NA	NA	< 4 U	< 1 U
1,4-Dichlorobenzene	ug/L	3	< 1 U	NA	NA	< 4 U	< 1 U
Acetone	ug/L	50	< 50 UJ	NA	NA	< 40 U	< 10 UJ
Benzene	ug/L	1	1.7	NA	NA	< 4 U	< 1 U
Carbon disulfide	ug/L	60	< 5 UJ	NA	NA	< 4 U	< 1 U
Chlorobenzene	ug/L	5	< 1 U	NA	NA	< 4 U	< 1 U
Chloroform	ug/L	7	< 2 U	NA	NA	< 4 U	< 1 U
Dichlorodifluoromethane	ug/L	5	< 2 U	NA	NA	< 4 U	< 1 U
Ethylbenzene	ug/L	5	< 1 U	NA	NA	< 4 U	< 1 U
Isopropylbenzene (Cumene)	ug/L	5	0.64 J	NA	NA	< 4 U	< 1 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	< 20 U	NA	NA	< 40 U	< 10 U
Methyl tert-butyl ether (MTBE)	ug/L	10	< 1 U	NA	NA	< 4 U	< 1 U
Methylene chloride	ug/L	5	< 5 U	NA	NA	< 4 U	< 1 U
Toluene	ug/L	5	< 1 U	NA	NA	< 4 U	< 1 U
Trichloroethylene	ug/L	5	< 1 U	NA	NA	< 4 U	< 1 U
Vinyl chloride	ug/L	2	< 2 U	NA	NA	< 4 U	< 1 U
Xylenes (total)	ug/L	5	< 1 U	NA	NA	< 8 U	< 2 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	1.3	NA	0.59	0.89	0.88
2,4-Dimethylphenol	ug/L	1	< 10 U	NA	NA	< 5 U	< 5 U
2,6-Dinitrotoluene	ug/L	5	< 10 U	NA	NA	< 5 U	< 5 U
2-Methylnaphthalene	ug/L	-	< 5 U	NA	NA	< 5 U	< 5 U
2-Nitroaniline	ug/L	5	< 10 U	NA	NA	< 10 U	< 11 U
3&4-Methylphenol	ug/L	1	< 10 U	NA	NA	NA	NA
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	NA	< 10 U	< 11 U
4-Nitrophenol	ug/L	1	< 10 UJ	NA	NA	< 10 U	< 11 UJ
Bis(2-ethylhexyl)phthalate	ug/L	5	< 10 UJ	NA	NA	< 5 U	< 5 U
Caprolactam	ug/L	-	< 10 UJ	NA	NA	< 5 U	< 5 U
Carbazole	ug/L	-	< 10 U	NA	NA	< 5 U	< 5 U
Diethyl phthalate	ug/L	50	< 10 U	NA	NA	< 5 U	< 5 U
Di-n-butyl phthalate	ug/L	50	< 10 U	NA	NA	< 5 U	< 5 U
Di-n-octyl phthalate	ug/L	50	< 10 U	NA	NA	< 5 U	< 5 U
Naphthalene	ug/L	10	< 5 U	NA	NA	< 5 U	< 5 U
Nitrobenzene	ug/L	0.4	< 10 U	NA	NA	< 5 U	< 5 U
N-Nitroso-di-n-propylamine	ug/L	-	< 10 UJ	NA	NA	< 5 U	< 5 U
N-Nitrosodiphenylamine	ug/L	50	< 10 U	NA	NA	< 5 U	< 5 U
Phenanthrene	ug/L	50	< 5 U	NA	NA	< 5 U	< 5 U
Phenol	ug/L	1	< 10 U	NA	NA	< 5 U	< 5 U
Pesticides							
4,4'-DDD	ug/L	0.3	< 0.039 U	NA	< 0.04 UJ	0.022 J	< 0.053 UJ
4,4'-DDE	ug/L	0.2	< 0.039 U	NA	< 0.04 U	< 0.060 U	< 0.053 UJ
4,4'-DDT	ug/L	0.2	< 0.039 U	NA	< 0.04 UJ	0.025 J	< 0.053 UJ
Aldrin	ug/L	ND	< 0.049 U	NA	< 0.05 U	< 0.060 U	< 0.053 U
alpha-BHC	ug/L	0.01	< 0.049 U	NA	< 0.05 U	< 0.060 U	< 0.053 U
beta-BHC	ug/L	0.04	< 0.049 U	NA	< 0.05 U	< 0.060 U	< 0.053 U
delta-BHC	ug/L	0.04	< 0.049 U	NA	< 0.05 UJ	< 0.060 U	< 0.053 U
Dieldrin	ug/L	0.004	< 0.002 U	NA	< 0.002 U	< 0.060 U	< 0.053 UJ
Endosulfan I	ug/L	-	< 0.049 U	NA	< 0.05 U	< 0.060 U	< 0.053 UJ
Endosulfan II	ug/L	-	< 0.078 U	NA	< 0.08 U	< 0.060 U	< 0.053 UJ
Endosulfan sulfate	ug/L	-	< 0.078 U	NA	< 0.08 U	< 0.060 U	< 0.053 UJ

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-109	MW-109	MW-109	MW-110	MW-110
Sample Name			MW-109	MW-109 Filtered	MW-109	MW-110-191126	MW-110-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	< 0.078 U	NA	< 0.08 U	< 0.060 U	< 0.053 UJ
Endrin aldehyde	ug/L	5	< 0.078 U	NA	< 0.08 U	< 0.060 U	< 0.053 UJ
Endrin ketone	ug/L	5	< 0.078 U	NA	< 0.08 U	< 0.060 U	< 0.053 UJ
gamma-BHC (Lindane)	ug/L	0.05	< 0.029 U	NA	< 0.03 U	< 0.060 U	< 0.053 U
gamma-Chlordane	ug/L	0.05	NA	NA	NA	< 0.060 U	< 0.053 UJ
Heptachlor	ug/L	0.04	< 0.049 U	NA	< 0.05 U	< 0.060 U	< 0.053 U
Heptachlor epoxide	ug/L	0.03	< 0.049 U	NA	< 0.05 U	< 0.060 U	< 0.053 U
Hexachlorobenzene	ug/L	0.04	NA	NA	< 0.05 U	NA	NA
Methoxychlor	ug/L	35	< 0.49 U	NA	< 0.5 UJ	0.02 J	< 0.053 UJ
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.20 U	< 0.20 U	< 0.20 U	< 1 U	< 0.50 U
Aroclor 1242	ug/L	-	< 0.20 U	< 0.20 U	< 0.20 U	< 1 U	< 0.50 U
Aroclor 1254	ug/L	-	< 0.20 U	< 0.20 U	< 0.20 U	< 1 U	< 0.50 U
Aroclor 1260	ug/L	-	< 0.20 U	< 0.20 U	< 0.20 U	< 1 U	< 0.50 UJ
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	< 0.001 UJ	< 0.001 UJ	NA	NA	NA
Dichlorobiphenyls	ug/L	-	< 0.001 U	< 0.001 U	NA	NA	NA
Trichlorobiphenyls	ug/L	-	< 0.002 U	< 0.002 U	NA	NA	NA
Tetrachlorobiphenyls	ug/L	-	< 0.002 U	< 0.002 U	NA	NA	NA
Pentachlorobiphenyls	ug/L	-	< 0.002 U	< 0.002 U	NA	NA	NA
Hexachlorobiphenyls	ug/L	-	< 0.002 U	< 0.002 U	NA	NA	NA
Heptachlorobiphenyls	ug/L	-	< 0.003 U	< 0.003 U	NA	NA	NA
Octachlorobiphenyls	ug/L	-	< 0.003 U	< 0.003 U	NA	NA	NA
Nonachlorobiphenyls	ug/L	-	< 0.005 UJ	< 0.005 UJ	NA	NA	NA
Decachlorobiphenyls	ug/L	-	< 0.005 UJ	< 0.005 UJ	NA	NA	NA
PCB Homologues (total)	ug/L	-	ND	ND	NA	NA	NA
Metals							
Aluminum	ug/L	-	64 B	71	54	< 200 U	< 200 U
Antimony	ug/L	3	17 J	19 J	< 50 U	< 20 U	< 20 U
Arsenic	ug/L	25	< 10 U	< 10 U	< 10 U	< 15 U	< 15 U
Barium	ug/L	1000	1100	1100	780	450	700
Beryllium	ug/L	3	< 4 U	< 4 U	< 4 U	< 2 U	< 2 U
Cadmium	ug/L	5	< 4 U	< 4 U	< 4 U	0.57 J+	< 2 U
Calcium	ug/L	-	73000	71000	62000	55800	63000
Chromium	ug/L	50	< 10 U	< 10 U	< 10 U	< 4 U	< 4 U
Cobalt	ug/L	-	1.5 J	1.9 J	< 10 U	0.71 J-	< 4 U
Copper	ug/L	200	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U
Iron	ug/L	300	8400	8100	3900	620	1800
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Magnesium	ug/L	35000	33000	32000	34000	34200	40600
Manganese	ug/L	300	7600	7300	3300	1000	320
Mercury	ug/L	0.7	< 0.1 U	< 0.1 U	< 0.2 U	< 0.20 U	< 0.20 U
Nickel	ug/L	100	< 10 U	< 10 U	< 10 U	1.8 J	< 10 U
Potassium	ug/L	-	2700	2700	1400 J	1800	1200 B
Selenium	ug/L	10	< 50 U	< 50 U	< 50 U	< 25 UJ	< 25 U
Sodium	ug/L	20000	120000	120000	110000	15600	13700
Vanadium	ug/L	-	6.4 J	12	4.9 J	< 5 U	< 5 U
Zinc	ug/L	2000	< 10 U	4.3 J	26	2.4 J	< 10 U
Miscellaneous							
Cyanide	ug/L	200	< 10 U	NA	NA	< 10 UJ	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-109	MW-109	MW-109	MW-110	MW-110
Sample Name			MW-109	MW-109 Filtered	MW-109	MW-110-191126	MW-110-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	< 11 UJ	NA	0.51 J	< 21 U	< 18 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	< 11 U	NA	< 1 U	< 21 U	< 18 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	13	NA	7.1 J	< 2 U	< 2 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	< 530 U	NA	15 J	NA	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	46	NA	NA	< 2 U	38 J+
Perfluorodecanoic acid (PFDA)	ng/L	-	< 11 U	NA	0.35 J	< 2 U	< 2 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	3.6 J	NA	3.7	< 2 U	< 2 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	< 21 U	NA	< 2 U	NA	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	25	NA	14	< 2 U	9.9
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	73 J+	NA	54	< 2 U	22 B
Perfluorohexanoic acid (PFHxA)	ng/L	-	31	NA	16	< 2 U	10
Perfluorononanesulfonic acid (PFNS)	ng/L	-	< 11 U	NA	< 1 U	NA	NA
Perfluorononanoic acid (PFNA)	ng/L	-	23	NA	16	< 2 U	7.3
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 11 U	NA	< 1 U	< 11 U	< 2 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	47	NA	31	0.81 J	< 2 U
Perfluorooctanoic acid (PFOA)	ng/L	6.7	170	NA	95	< 2 U	58
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	7.5 J	NA	12	NA	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	< 21 U	NA	NA	< 2 U	14
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 11 U	NA	< 1 U	< 2 U	< 2 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 11 U	NA	< 1 U	< 2 U	< 2 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	< 42 U	NA	6.3 J	< 21 U	< 18 UJ
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	< 42 UJ	NA	2.3 J	< 21 U	< 18 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	< 110 U	NA	NA	NA	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	< 42 U	NA	< 3 U	NA	NA
PFAS (total)	ng/L	-	439.1	NA	273.26	0.81	159.2

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			MW-109	MW-109	MW-109	MW-110	MW-110
Sample Name			MW-109	MW-109 Filtered	MW-109	MW-110-191126	MW-110-200623
Sample Date			12/8/2022	12/8/2022	5/19/2023	11/26/2019	6/23/2020
Analyte	Unit	Criteria					
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-110	MW-110	MW-111	MW-111	MW-111
Sample Name			MW-110	MW-110 Filtered	MW-111-191125	MW-111-200623	MW-111
Sample Date			12/8/2022	12/8/2022	11/25/2019	6/23/2020	12/9/2022
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	< 1 U	NA	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	ug/L	3	< 1 U	NA	< 1 U	< 1 U	< 1 U
Acetone	ug/L	50	< 50 UJ	NA	< 10 U	9.4 J+	< 50 U
Benzene	ug/L	1	< 1 U	NA	< 1 U	< 1 U	< 1 U
Carbon disulfide	ug/L	60	< 5 UJ	NA	< 1 U	< 1 U	< 5 U
Chlorobenzene	ug/L	5	< 1 U	NA	< 1 U	< 1 U	< 1 U
Chloroform	ug/L	7	< 2 U	NA	< 1 U	< 1 U	< 2 U
Dichlorodifluoromethane	ug/L	5	0.29 J	NA	< 1 U	< 1 U	< 2 U
Ethylbenzene	ug/L	5	< 1 U	NA	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	ug/L	5	< 1 U	NA	< 1 U	< 1 U	< 1 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	< 20 U	NA	< 10 U	13	< 20 U
Methyl tert-butyl ether (MTBE)	ug/L	10	< 1 U	NA	< 1 U	< 1 U	< 1 U
Methylene chloride	ug/L	5	< 5 U	NA	< 1 U	< 1 U	< 5 U
Toluene	ug/L	5	< 1 U	NA	< 1 U	< 1 U	< 1 U
Trichloroethylene	ug/L	5	< 1 U	NA	< 1 U	< 1 U	< 1 U
Vinyl chloride	ug/L	2	< 2 U	NA	< 1 U	< 1 U	< 2 U
Xylenes (total)	ug/L	5	< 1 U	NA	< 2 U	< 2 U	< 1 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	1	NA	< 0.20 U	< 0.20 U	< 0.2 U
2,4-Dimethylphenol	ug/L	1	< 10 U	NA	< 5 U	< 5 U	< 10 U
2,6-Dinitrotoluene	ug/L	5	< 10 U	NA	< 5 U	< 5 U	< 10 U
2-Methylnaphthalene	ug/L	-	< 5 U	NA	< 5 U	< 5 U	< 5 U
2-Nitroaniline	ug/L	5	< 10 U	NA	< 10 U	< 10 U	< 10 U
3&4-Methylphenol	ug/L	1	< 10 U	NA	NA	NA	< 10 U
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	< 10 U	2.4 J	NA
4-Nitrophenol	ug/L	1	< 10 UJ	NA	< 10 U	< 10 UJ	< 10 UJ
Bis(2-ethylhexyl)phthalate	ug/L	5	< 10 UJ	NA	< 5 U	< 5 U	< 10 U
Caprolactam	ug/L	-	< 10 UJ	NA	< 5 U	< 5 U	< 10 U
Carbazole	ug/L	-	< 10 U	NA	< 5 U	< 5 U	< 10 U
Diethyl phthalate	ug/L	50	< 10 U	NA	< 5 U	< 5 U	< 10 U
Di-n-butyl phthalate	ug/L	50	< 10 U	NA	< 5 U	< 5 U	< 10 U
Di-n-octyl phthalate	ug/L	50	< 10 U	NA	< 5 U	< 5 U	< 10 U
Naphthalene	ug/L	10	< 5 U	NA	< 5 U	< 5 U	< 5 U
Nitrobenzene	ug/L	0.4	< 10 U	NA	< 5 U	< 5 U	< 10 U
N-Nitroso-di-n-propylamine	ug/L	-	< 10 UJ	NA	< 5 U	< 5 U	< 10 UJ
N-Nitrosodiphenylamine	ug/L	50	< 10 U	NA	< 5 U	< 5 U	< 10 U
Phenanthrene	ug/L	50	< 5 U	NA	< 5 U	< 5 U	< 5 U
Phenol	ug/L	1	< 10 U	NA	< 5 U	< 5 U	< 10 U
Pesticides							
4,4'-DDD	ug/L	0.3	< 0.04 U	NA	< 0.050 U	< 0.050 UJ	< 0.04 U
4,4'-DDE	ug/L	0.2	< 0.04 U	NA	< 0.050 U	< 0.050 UJ	< 0.04 U
4,4'-DDT	ug/L	0.2	< 0.04 U	NA	< 0.050 U	0.022 J	< 0.04 U
Aldrin	ug/L	ND	< 0.05 U	NA	< 0.050 U	< 0.050 U	< 0.05 U
alpha-BHC	ug/L	0.01	< 0.05 U	NA	< 0.050 U	< 0.050 U	< 0.05 U
beta-BHC	ug/L	0.04	< 0.05 U	NA	< 0.050 U	< 0.050 U	< 0.05 U
delta-BHC	ug/L	0.04	< 0.05 U	NA	< 0.050 U	< 0.050 U	< 0.05 U
Dieldrin	ug/L	0.004	< 0.002 U	NA	< 0.050 U	< 0.050 UJ	< 0.002 U
Endosulfan I	ug/L	-	< 0.05 U	NA	< 0.050 U	< 0.050 UJ	< 0.05 U
Endosulfan II	ug/L	-	< 0.08 U	NA	< 0.050 U	< 0.050 UJ	< 0.079 U
Endosulfan sulfate	ug/L	-	< 0.08 U	NA	< 0.050 U	< 0.050 UJ	< 0.079 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-110	MW-110	MW-111	MW-111	MW-111
Sample Name			MW-110	MW-110 Filtered	MW-111-191125	MW-111-200623	MW-111
Sample Date			12/8/2022	12/8/2022	11/25/2019	6/23/2020	12/9/2022
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	< 0.08 U	NA	< 0.050 U	< 0.050 UJ	< 0.079 U
Endrin aldehyde	ug/L	5	< 0.08 U	NA	< 0.050 U	< 0.050 UJ	< 0.079 U
Endrin ketone	ug/L	5	< 0.08 U	NA	< 0.050 U	< 0.050 UJ	< 0.079 U
gamma-BHC (Lindane)	ug/L	0.05	< 0.03 U	NA	< 0.050 U	< 0.050 U	< 0.03 U
gamma-Chlordane	ug/L	0.05	NA	NA	< 0.050 U	0.017 J	NA
Heptachlor	ug/L	0.04	< 0.05 U	NA	< 0.050 U	< 0.050 U	< 0.05 U
Heptachlor epoxide	ug/L	0.03	< 0.05 U	NA	< 0.050 U	< 0.050 U	< 0.05 U
Hexachlorobenzene	ug/L	0.04	NA	NA	NA	NA	NA
Methoxychlor	ug/L	35	< 0.5 U	NA	< 0.050 U	< 0.050 UJ	< 0.5 U
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.20 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.20 U
Aroclor 1242	ug/L	-	< 0.20 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.20 U
Aroclor 1254	ug/L	-	< 0.20 U	< 0.20 U	< 0.50 U	< 0.50 U	< 0.20 U
Aroclor 1260	ug/L	-	< 0.20 U	< 0.20 U	< 0.50 U	< 0.50 UJ	< 0.20 U
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	< 0.001 UJ	< 0.001 UJ	NA	NA	NA
Dichlorobiphenyls	ug/L	-	< 0.001 U	< 0.001 U	NA	NA	NA
Trichlorobiphenyls	ug/L	-	< 0.002 U	< 0.002 U	NA	NA	NA
Tetrachlorobiphenyls	ug/L	-	< 0.002 U	< 0.002 U	NA	NA	NA
Pentachlorobiphenyls	ug/L	-	< 0.002 U	< 0.002 U	NA	NA	NA
Hexachlorobiphenyls	ug/L	-	< 0.002 U	< 0.002 U	NA	NA	NA
Heptachlorobiphenyls	ug/L	-	< 0.003 U	< 0.003 U	NA	NA	NA
Octachlorobiphenyls	ug/L	-	< 0.003 U	< 0.003 U	NA	NA	NA
Nonachlorobiphenyls	ug/L	-	< 0.005 UJ	< 0.005 UJ	NA	NA	NA
Decachlorobiphenyls	ug/L	-	< 0.005 UJ	< 0.005 UJ	NA	NA	NA
PCB Homologues (total)	ug/L	-	ND	ND	NA	NA	NA
Metals							
Aluminum	ug/L	-	< 50 U	< 50 U	< 200 U	< 200 U	23 J
Antimony	ug/L	3	17 J	17 J	< 20 U	< 20 U	9.3 J
Arsenic	ug/L	25	< 10 U	< 10 U	< 15 U	< 15 U	<10 U
Barium	ug/L	1000	780	810	180	170	190
Beryllium	ug/L	3	< 4 U	< 4 U	< 2 U	< 2 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 4 U	< 2 U	< 2 U	< 4 U
Calcium	ug/L	-	67000	70000	27600	23300	23000
Chromium	ug/L	50	< 10 U	< 10 U	< 4 U	< 4 U	< 10 U
Cobalt	ug/L	-	< 10 U	< 10 U	< 4 UJ	< 4 U	< 10 U
Copper	ug/L	200	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U
Iron	ug/L	300	1200	2300	37 J	220	380
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Magnesium	ug/L	35000	45000	44000	16700	14300	16000
Manganese	ug/L	300	210	200	250 B	260	100
Mercury	ug/L	0.7	< 0.1 U	< 0.1 U	< 0.20 U	< 0.20 U	0.11 B
Nickel	ug/L	100	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Potassium	ug/L	-	1300 J	1200 J	1600	1800 B	1500 J
Selenium	ug/L	10	< 50 U	< 50 U	< 25 UJ	< 25 U	< 50 U
Sodium	ug/L	20000	14000	14000	4600	5200	4300
Vanadium	ug/L	-	3.4 J	6 J	< 5 U	< 5 U	< 10 U
Zinc	ug/L	2000	< 10 U	5.9 J	< 10 U	< 10 U	< 10 U
Miscellaneous							
Cyanide	ug/L	200	< 10 U	NA	< 10 U	< 10 U	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-110	MW-110	MW-111	MW-111	MW-111
Sample Name			MW-110	MW-110 Filtered	MW-111-191125	MW-111-200623	MW-111
Sample Date			12/8/2022	12/8/2022	11/25/2019	6/23/2020	12/9/2022
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	< 10 UJ	NA	< 19 U	< 18 U	< 1 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	< 10 U	NA	< 19 U	< 18 U	< 1 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	< 10 U	NA	< 2 U	< 2 U	< 1 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	< 520 U	NA	NA	NA	< 47 U
Perfluorobutanoic acid (PFBA)	ng/L	-	12 J	NA	< 2 U	2.3 J+	3.4 J
Perfluorodecanoic acid (PFDA)	ng/L	-	< 10 U	NA	< 2 U	< 2 U	< 1 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	< 10 U	NA	< 2 U	< 2 U	< 1 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	< 21 U	NA	NA	NA	< 2 U
Perfluoroheptanoic acid (PFHpA)	ng/L	-	11	NA	< 2 U	0.39 J	0.27 J
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	38 J+	NA	0.75 J	< 2 U	1.4
Perfluorohexanoic acid (PFHxA)	ng/L	-	11	NA	1 J	0.64 J	0.56 J
Perfluorononanesulfonic acid (PFNS)	ng/L	-	< 10 U	NA	NA	NA	< 1 U
Perfluorononanoic acid (PFNA)	ng/L	-	16	NA	< 2 U	< 2 U	< 1 U
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 10 U	NA	< 9 U	< 2 U	< 1 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	< 10 U	NA	0.74 J	< 2 U	0.49 J
Perfluorooctanoic acid (PFOA)	ng/L	6.7	80	NA	1.4 J	0.87 J	0.88 J
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	< 10 U	NA	NA	NA	< 1 U
Perfluoropentanoic acid (PFPA)	ng/L	-	< 21 U	NA	< 2 U	1.1 J	< 2 U
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 10 U	NA	< 2 U	< 2 U	< 1 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 10 U	NA	< 2 U	< 2 U	< 1 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	< 42 U	NA	< 19 U	< 18 U	< 4 U
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	< 42 UJ	NA	< 19 U	< 18 U	< 4 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	< 100 U	NA	NA	NA	< 10 U
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	< 42 U	NA	NA	NA	< 4 U
PFAS (total)	ng/L	-	168	NA	3.89	5.3	7

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			MW-110	MW-110	MW-111	MW-111	MW-111
Sample Name			MW-110	MW-110 Filtered	MW-111-191125	MW-111-200623	MW-111
Sample Date			12/8/2022	12/8/2022	11/25/2019	6/23/2020	12/9/2022
Analyte	Unit	Criteria					
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-111	MW-112	MW-112	MW-112	MW-112
Sample Name			MW-111 Filtered	MW-112-191125	MW-162-191125	MW-112-200622	MW-112
Sample Date			12/9/2022	11/25/2019	11/25/2019	6/22/2020	12/5/2022
Analyte	Unit	Criteria			Field Duplicate		
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	NA	< 1 U	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	ug/L	3	NA	< 1 U	< 1 U	< 1 U	< 1 U
Acetone	ug/L	50	NA	< 10 U	< 10 U	< 10 UJ	3.3 J
Benzene	ug/L	1	NA	< 1 U	< 1 U	< 1 U	< 1 U
Carbon disulfide	ug/L	60	NA	< 1 U	< 1 U	0.25 J	< 5 U
Chlorobenzene	ug/L	5	NA	< 1 U	< 1 U	< 1 U	< 1 U
Chloroform	ug/L	7	NA	< 1 U	< 1 U	< 1 U	< 2 U
Dichlorodifluoromethane	ug/L	5	NA	< 1 U	< 1 U	< 1 U	< 2 U
Ethylbenzene	ug/L	5	NA	< 1 U	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	ug/L	5	NA	< 1 U	< 1 U	< 1 U	< 1 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	NA	< 10 U	< 10 U	< 10 U	< 20 UJ
Methyl tert-butyl ether (MTBE)	ug/L	10	NA	< 1 U	< 1 U	< 1 U	< 1 U
Methylene chloride	ug/L	5	NA	< 1 U	< 1 U	< 1 U	< 5 UJ
Toluene	ug/L	5	NA	< 1 U	< 1 U	< 1 U	< 1 U
Trichloroethylene	ug/L	5	NA	< 1 U	< 1 U	< 1 U	< 1 U
Vinyl chloride	ug/L	2	NA	< 1 U	< 1 U	< 1 U	< 2 U
Xylenes (total)	ug/L	5	NA	< 2 U	< 2 U	< 2 U	< 1 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	NA	< 0.20 U	< 0.20 U	< 0.21 U	< 0.19 U
2,4-Dimethylphenol	ug/L	1	NA	< 5 U	< 5 U	< 5 U	< 10 U
2,6-Dinitrotoluene	ug/L	5	NA	< 5 U	< 5 U	< 5 U	< 10 U
2-Methylnaphthalene	ug/L	-	NA	< 5 U	< 5 U	< 5 U	< 5 U
2-Nitroaniline	ug/L	5	NA	< 10 U	< 10 U	< 10 U	< 10 U
3&4-Methylphenol	ug/L	1	NA	NA	NA	NA	< 10 U
4-Methylphenol (p-Cresol)	ug/L	1	NA	< 10 U	< 10 U	< 10 U	NA
4-Nitrophenol	ug/L	1	NA	< 10 U	< 10 U	< 10 UJ	< 10 UJ
Bis(2-ethylhexyl)phthalate	ug/L	5	NA	< 5 U	< 5 U	< 5 U	< 10 U
Caprolactam	ug/L	-	NA	< 5 U	< 5 U	< 5 U	< 10 U
Carbazole	ug/L	-	NA	< 5 U	< 5 U	< 5 U	< 10 U
Diethyl phthalate	ug/L	50	NA	< 5 U	< 5 U	< 5 U	< 10 U
Di-n-butyl phthalate	ug/L	50	NA	< 5 U	< 5 U	< 5 U	< 10 U
Di-n-octyl phthalate	ug/L	50	NA	< 5 U	< 5 U	< 5 U	< 10 U
Naphthalene	ug/L	10	NA	< 5 U	< 5 U	< 5 U	< 5 U
Nitrobenzene	ug/L	0.4	NA	< 5 U	< 5 U	< 5 U	< 10 U
N-Nitroso-di-n-propylamine	ug/L	-	NA	< 5 U	< 5 U	< 5 U	< 10 U
N-Nitrosodiphenylamine	ug/L	50	NA	< 5 U	< 5 U	< 5 U	< 10 U
Phenanthrene	ug/L	50	NA	< 5 U	< 5 U	< 5 U	< 5 U
Phenol	ug/L	1	NA	< 5 U	< 5 U	< 5 U	< 10 U
Pesticides							
4,4'-DDD	ug/L	0.3	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	< 0.038 U
4,4'-DDE	ug/L	0.2	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	< 0.038 U
4,4'-DDT	ug/L	0.2	NA	< 0.050 U	< 0.050 U	0.054 J	< 0.038 U
Aldrin	ug/L	ND	NA	< 0.050 U	0.016 J	< 0.057 U	< 0.048 U
alpha-BHC	ug/L	0.01	NA	< 0.050 U	< 0.050 U	< 0.057 U	< 0.048 U
beta-BHC	ug/L	0.04	NA	< 0.050 U	< 0.050 U	< 0.057 U	< 0.048 U
delta-BHC	ug/L	0.04	NA	< 0.050 U	< 0.050 U	< 0.057 U	< 0.048 U
Dieldrin	ug/L	0.004	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	< 0.0019 U
Endosulfan I	ug/L	-	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	< 0.048 U
Endosulfan II	ug/L	-	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	< 0.077 U
Endosulfan sulfate	ug/L	-	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	< 0.077 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-111	MW-112	MW-112	MW-112	MW-112
Sample Name			MW-111 Filtered	MW-112-191125	MW-162-191125	MW-112-200622	MW-112
Sample Date			12/9/2022	11/25/2019	11/25/2019	6/22/2020	12/5/2022
Analyte	Unit	Criteria			Field Duplicate		
		(1)					
Endrin	ug/L	ND	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	< 0.077 U
Endrin aldehyde	ug/L	5	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	< 0.077 U
Endrin ketone	ug/L	5	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	< 0.077 U
gamma-BHC (Lindane)	ug/L	0.05	NA	< 0.050 U	< 0.050 U	< 0.057 U	< 0.029 U
gamma-Chlordane	ug/L	0.05	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	NA
Heptachlor	ug/L	0.04	NA	< 0.050 U	< 0.050 U	< 0.057 U	< 0.048 U
Heptachlor epoxide	ug/L	0.03	NA	< 0.050 U	< 0.050 U	< 0.057 U	< 0.048 U
Hexachlorobenzene	ug/L	0.04	NA	NA	NA	NA	NA
Methoxychlor	ug/L	35	NA	< 0.050 U	< 0.050 U	< 0.057 UJ	< 0.48 UJ
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.20 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.19 U
Aroclor 1242	ug/L	-	< 0.20 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.19 U
Aroclor 1254	ug/L	-	< 0.20 U	< 0.50 U	< 0.50 U	< 0.50 U	< 0.19 U
Aroclor 1260	ug/L	-	< 0.20 U	< 0.50 U	< 0.50 U	< 0.50 UJ	< 0.19 U
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Dichlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Trichlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Tetrachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Pentachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Hexachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Heptachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Octachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Nonachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Decachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
PCB Homologues (total)	ug/L	-	NA	NA	NA	NA	NA
Metals							
Aluminum	ug/L	-	< 50 U	79 J+	110 J+	< 200 U	< 50 U
Antimony	ug/L	3	< 50 U	< 20 U	< 20 U	< 20 U	14 J
Arsenic	ug/L	25	< 10 U	< 15 U	< 15 U	< 15 U	< 10 U
Barium	ug/L	1000	190	150	150	140	120
Beryllium	ug/L	3	< 4 U	< 2 U	< 2 U	< 2 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 2 U	0.54 J+	< 2 U	< 4 U
Calcium	ug/L	-	25000	178000	178000	188000	170000
Chromium	ug/L	50	< 10 U	< 4 U	< 4 U	< 4 U	< 10 U
Cobalt	ug/L	-	< 10 U	4.3 J-	4.3 J-	0.99 J	< 10 U
Copper	ug/L	200	< 10 U	< 10 UJ	< 10 UJ	< 10 U	< 10 U
Iron	ug/L	300	120	560	550	2700	950
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Magnesium	ug/L	35000	16000	46900	47200	44900	36000
Manganese	ug/L	300	110	2100 B	2100 B	850	520
Mercury	ug/L	0.7	0.12 B	< 0.20 U	< 0.20 U	< 0.20 U	< 0.1 U
Nickel	ug/L	100	< 10 U	7.6 J	7.5 J	1.6 J	< 10 U
Potassium	ug/L	-	1400 J	2100	2100	1300 B	1500 J
Selenium	ug/L	10	< 50 U	< 25 UJ	< 25 UJ	< 25 U	< 50 U
Sodium	ug/L	20000	4300	7300	7200	9600	7900
Vanadium	ug/L	-	< 10 U	< 5 U	< 5 U	< 5 U	8.2 J
Zinc	ug/L	2000	< 10 U	2.5 J	2.1 J	< 10 U	< 10 U
Miscellaneous							
Cyanide	ug/L	200	NA	< 10 U	< 10 U	< 10 U	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-111	MW-112	MW-112	MW-112	MW-112
Sample Name			MW-111 Filtered	MW-112-191125	MW-162-191125	MW-112-200622	MW-112
Sample Date			12/9/2022	11/25/2019	11/25/2019	6/22/2020	12/5/2022
Analyte	Unit	Criteria			Field Duplicate		
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	NA	< 19 U	< 19 U	< 17 U	< 1 UJ
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	NA	< 19 U	< 19 U	< 17 U	< 1 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	NA	< 2 U	< 2 U	< 2 U	1.7
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	NA	NA	NA	NA	< 48 U
Perfluorobutanoic acid (PFBA)	ng/L	-	NA	< 10 U	< 9 U	8.6 J+	8.9 J
Perfluorodecanoic acid (PFDA)	ng/L	-	NA	< 2 U	< 2 U	< 2 U	< 1 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	NA	0.91 J	< 2 U	< 2 U	1.3
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA	NA	NA	NA	< 2 U
Perfluoroheptanoic acid (PFHpA)	ng/L	-	NA	3.2	3.7	3.7	2.9
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	NA	9.5	8.8	6.8 B	9.7
Perfluorohexanoic acid (PFHxA)	ng/L	-	NA	6	5.4	4.5	3.4
Perfluorononanesulfonic acid (PFNS)	ng/L	-	NA	NA	NA	NA	< 1 U
Perfluorononanoic acid (PFNA)	ng/L	-	NA	< 3 U	< 3 U	< 2 U	15
Perfluorooctane sulfonamide (FOSA)	ng/L	-	NA	< 9 U	< 10 U	< 2 U	< 1 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	NA	12	10	12	15
Perfluorooctanoic acid (PFOA)	ng/L	6.7	NA	19	20	18	18
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	NA	NA	NA	1.1
Perfluoropentanoic acid (PFPA)	ng/L	-	NA	< 4 U	< 5 U	4.2	< 2 U
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	NA	< 2 U	< 2 U	< 2 U	< 1 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	NA	< 2 U	< 2 U	< 2 U	< 1 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	NA	< 19 U	< 19 U	< 17 U	< 4 U
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	NA	< 19 U	< 19 U	< 17 U	< 4 UJ
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA	NA	NA	NA	< 10 U
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	NA	NA	NA	NA	< 4 U
PFAS (total)	ng/L	-	NA	50.61	47.9	57.8	77

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			MW-111	MW-112	MW-112	MW-112	MW-112
Sample Name			MW-111 Filtered	MW-112-191125	MW-162-191125	MW-112-200622	MW-112
Sample Date			12/9/2022	11/25/2019	11/25/2019	6/22/2020	12/5/2022
Analyte	Unit	Criteria			Field Duplicate		
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-112	MW-112	MW-113	MW-113	MW-113
Sample Name			MW-112 Filtered	MW-112	MW-113-191125	MW-113-200625	MW-113
Sample Date			12/5/2022	5/16/2023	11/25/2019	6/25/2020	12/6/2022
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	NA	NA	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	ug/L	3	NA	NA	< 1 U	< 1 U	< 1 U
Acetone	ug/L	50	NA	NA	3 J	< 10 U	< 50 UJ
Benzene	ug/L	1	NA	NA	< 1 U	< 1 U	< 1 U
Carbon disulfide	ug/L	60	NA	NA	< 1 U	0.37 J	< 5 U
Chlorobenzene	ug/L	5	NA	NA	< 1 U	< 1 U	< 1 U
Chloroform	ug/L	7	NA	NA	< 1 U	< 1 U	< 2 U
Dichlorodifluoromethane	ug/L	5	NA	NA	< 1 U	< 1 U	< 2 U
Ethylbenzene	ug/L	5	NA	NA	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	ug/L	5	NA	NA	< 1 U	< 1 U	< 1 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	NA	NA	< 10 U	< 10 U	< 20 UJ
Methyl tert-butyl ether (MTBE)	ug/L	10	NA	NA	< 1 U	< 1 U	< 1 U
Methylene chloride	ug/L	5	NA	NA	< 1 U	< 1 U	< 5 UJ
Toluene	ug/L	5	NA	NA	< 1 U	< 1 U	< 1 U
Trichloroethylene	ug/L	5	NA	NA	< 1 U	< 1 U	< 1 U
Vinyl chloride	ug/L	2	NA	NA	< 1 U	< 1 U	< 2 U
Xylenes (total)	ug/L	5	NA	NA	< 2 U	< 2 U	< 1 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	NA	NA	< 0.20 U	< 0.20 U	< 0.19 U
2,4-Dimethylphenol	ug/L	1	NA	NA	< 5 U	< 5 U	< 10 U
2,6-Dinitrotoluene	ug/L	5	NA	NA	< 5 U	19	< 10 U
2-Methylnaphthalene	ug/L	-	NA	NA	< 5 U	< 5 U	< 5 U
2-Nitroaniline	ug/L	5	NA	NA	< 10 U	< 10 U	< 10 U
3&4-Methylphenol	ug/L	1	NA	NA	NA	NA	< 10 U
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	< 10 U	< 10 U	NA
4-Nitrophenol	ug/L	1	NA	NA	< 10 U	< 10 U	< 10 UJ
Bis(2-ethylhexyl)phthalate	ug/L	5	NA	NA	< 5 U	< 5 U	< 10 U
Caprolactam	ug/L	-	NA	NA	< 5 U	< 5 U	< 10 U
Carbazole	ug/L	-	NA	NA	< 5 U	< 5 U	< 10 U
Diethyl phthalate	ug/L	50	NA	NA	< 5 U	< 5 U	< 10 U
Di-n-butyl phthalate	ug/L	50	NA	NA	< 5 U	< 5 U	< 10 U
Di-n-octyl phthalate	ug/L	50	NA	NA	< 5 U	< 5 U	< 10 U
Naphthalene	ug/L	10	NA	NA	< 5 U	< 5 U	< 5 U
Nitrobenzene	ug/L	0.4	NA	NA	< 5 U	< 5 U	< 10 U
N-Nitroso-di-n-propylamine	ug/L	-	NA	NA	< 5 U	< 5 U	< 10 U
N-Nitrosodiphenylamine	ug/L	50	NA	NA	< 5 U	< 5 U	< 10 U
Phenanthrene	ug/L	50	NA	NA	< 5 U	0.52 J	< 5 U
Phenol	ug/L	1	NA	NA	< 5 U	< 5 U	< 10 U
Pesticides							
4,4'-DDD	ug/L	0.3	NA	< 0.036 U	< 0.050 U	< 0.052 U	< 0.038 U
4,4'-DDE	ug/L	0.2	NA	< 0.036 U	< 0.050 U	0.012 J	< 0.038 U
4,4'-DDT	ug/L	0.2	NA	< 0.036 U	< 0.050 U	0.023 J	< 0.038 U
Aldrin	ug/L	ND	NA	< 0.045 U	< 0.050 U	< 0.052 U	< 0.048 U
alpha-BHC	ug/L	0.01	NA	< 0.045 U	< 0.050 U	< 0.052 U	< 0.048 U
beta-BHC	ug/L	0.04	NA	< 0.045 U	< 0.050 U	< 0.052 U	< 0.048 U
delta-BHC	ug/L	0.04	NA	< 0.045 UJ	< 0.050 U	< 0.052 U	< 0.048 U
Dieldrin	ug/L	0.004	NA	< 0.0018 U	< 0.050 U	< 0.052 U	< 0.0019 U
Endosulfan I	ug/L	-	NA	< 0.045 U	< 0.050 U	0.014 J	< 0.048 U
Endosulfan II	ug/L	-	NA	< 0.073 U	< 0.050 U	< 0.052 U	< 0.077 U
Endosulfan sulfate	ug/L	-	NA	< 0.073 U	< 0.050 U	< 0.052 UJ	< 0.077 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-112	MW-112	MW-113	MW-113	MW-113
Sample Name			MW-112 Filtered	MW-112	MW-113-191125	MW-113-200625	MW-113
Sample Date			12/5/2022	5/16/2023	11/25/2019	6/25/2020	12/6/2022
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	NA	< 0.073 U	< 0.050 U	< 0.052 U	< 0.077 U
Endrin aldehyde	ug/L	5	NA	< 0.073 U	< 0.050 U	< 0.052 U	< 0.077 U
Endrin ketone	ug/L	5	NA	< 0.073 U	< 0.050 U	< 0.052 UJ	< 0.077 U
gamma-BHC (Lindane)	ug/L	0.05	NA	< 0.027 U	0.026 J	< 0.052 U	< 0.029 U
gamma-Chlordane	ug/L	0.05	NA	NA	< 0.050 U	0.012 J	NA
Heptachlor	ug/L	0.04	NA	< 0.045 U	< 0.050 U	< 0.052 U	< 0.048 U
Heptachlor epoxide	ug/L	0.03	NA	< 0.045 U	< 0.050 U	< 0.052 U	< 0.048 U
Hexachlorobenzene	ug/L	0.04	NA	< 0.045 U	NA	NA	NA
Methoxychlor	ug/L	35	NA	< 0.45 U	< 0.050 U	< 0.052 U	NA
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.19 U	NA	< 0.50 U	< 0.50 U	< 0.19 U
Aroclor 1242	ug/L	-	< 0.19 U	NA	< 0.50 U	< 0.50 U	< 0.19 U
Aroclor 1254	ug/L	-	< 0.19 U	NA	< 0.50 U	< 0.50 U	< 0.19 U
Aroclor 1260	ug/L	-	< 0.19 U	NA	< 0.50 U	< 0.50 UJ	< 0.19 U
PCBs (total)	ug/L	0.09	ND	NA	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Dichlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Trichlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Tetrachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Pentachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Hexachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Heptachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Octachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Nonachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Decachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
PCB Homologues (total)	ug/L	-	NA	NA	NA	NA	NA
Metals							
Aluminum	ug/L	-	< 50 U	< 50 U	360 J+	< 200 U	< 50 U
Antimony	ug/L	3	18 J	< 50 U	< 20 U	< 20 U	15 J
Arsenic	ug/L	25	< 10 U	< 10 U	< 15 U	< 15 U	< 10 U
Barium	ug/L	1000	54	100	220	220	260
Beryllium	ug/L	3	< 4 U	< 4 U	< 2 U	< 2 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 4 U	< 2 U	< 2 U	< 4 U
Calcium	ug/L	-	100000	160000	78700	81200	72000
Chromium	ug/L	50	< 10 U	< 10 U	< 4 U	< 4 U	< 10 U
Cobalt	ug/L	-	< 10 U	< 10 U	0.72 J-	< 4 U	< 10 U
Copper	ug/L	200	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U
Iron	ug/L	300	24 J	1300	450	960	4400
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Magnesium	ug/L	35000	21000	34000	24600	22400	22000
Manganese	ug/L	300	16	410	500 B	470	480
Mercury	ug/L	0.7	0.058 J	< 0.2 U	< 0.20 U	< 0.20 U	0.057 J
Nickel	ug/L	100	< 10 U	< 10 U	4.5 J	1.8 J	< 10 U
Potassium	ug/L	-	5400	1100 J	1400	810	1400 J
Selenium	ug/L	10	20 J	< 50 U	< 25 UJ	< 25 U	< 50 U
Sodium	ug/L	20000	< 2000 UJ	4700	3600	2500	6400
Vanadium	ug/L	-	8.4 J	< 10 U	< 5 U	< 5 U	5.5 J
Zinc	ug/L	2000	NA	< 10 U	< 10 U	< 10 U	< 10 U
Miscellaneous							
Cyanide	ug/L	200	NA	NA	< 10 U	< 10 U	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-112	MW-112	MW-113	MW-113	MW-113
Sample Name			MW-112 Filtered	MW-112	MW-113-191125	MW-113-200625	MW-113
Sample Date			12/5/2022	5/16/2023	11/25/2019	6/25/2020	12/6/2022
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	NA	< 1 U	< 18 U	< 18 U	< 1 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	NA	< 1 U	< 18 U	< 18 U	< 1 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	NA	4.6	< 2 U	0.75 J	1.3
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	NA	< 47 U	NA	NA	< 49 U
Perfluorobutanoic acid (PFBA)	ng/L	-	NA	3.8 J	< 4 U	3	6.4 J
Perfluorodecanoic acid (PFDA)	ng/L	-	NA	0.66 J	< 2 U	< 2 U	< 1 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	NA	0.56 J	< 2 U	0.85 J	2.5
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA	< 2 U	NA	NA	< 2 U
Perfluoroheptanoic acid (PFHpA)	ng/L	-	NA	2.4	4.9	4.1	5.3
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	NA	7.7	8.3	7 B	10
Perfluorohexanoic acid (PFHxA)	ng/L	-	NA	4.3	8.2	6.1	6.2
Perfluorononanesulfonic acid (PFNS)	ng/L	-	NA	< 1 U	NA	NA	< 1 U
Perfluorononanoic acid (PFNA)	ng/L	-	NA	13	< 2 U	1.3 J	41
Perfluorooctane sulfonamide (FOSA)	ng/L	-	NA	< 1 U	< 9 U	< 2 U	< 1 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	NA	11	1.4 NJ	1.4 J	2.8
Perfluorooctanoic acid (PFOA)	ng/L	6.7	NA	13	25	26	29
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	1.1	NA	NA	0.87 J
Perfluoropentanoic acid (PFPA)	ng/L	-	NA	2	9.2 B	5.3	6
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	NA	< 1 U	< 2 U	< 2 U	< 1 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	NA	< 1 U	< 2 U	< 2 U	< 1 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	NA	NA	< 18 U	< 18 U	< 4 U
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	NA	< 4 U	< 18 U	< 18 U	< 4 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA	< 10 U	NA	NA	< 10 U
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	NA	< 4 U	NA	NA	< 4 U
PFAS (total)	ng/L	-	NA	64.12	57	55.8	111.37

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			MW-112	MW-112	MW-113	MW-113	MW-113
Sample Name			MW-112 Filtered	MW-112	MW-113-191125	MW-113-200625	MW-113
Sample Date			12/5/2022	5/16/2023	11/25/2019	6/25/2020	12/6/2022
Analyte	Unit	Criteria					
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-113	MW-113	MW-114	MW-114	MW-114
Sample Name			MW-113 Filtered	MW-113	MW-114-191126	MW-114-200624	MW-114
Sample Date			12/6/2022	5/16/2023	11/26/2019	6/24/2020	12/6/2022
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	NA	NA	< 1 U	< 1 U	< 1 U
1,4-Dichlorobenzene	ug/L	3	NA	NA	< 1 U	< 1 U	< 1 U
Acetone	ug/L	50	NA	NA	< 10 U	< 10 U	< 50 UJ
Benzene	ug/L	1	NA	NA	< 1 U	< 1 U	< 1 U
Carbon disulfide	ug/L	60	NA	NA	< 1 U	< 1 U	< 5 U
Chlorobenzene	ug/L	5	NA	NA	< 1 U	< 1 U	< 1 U
Chloroform	ug/L	7	NA	NA	< 1 U	< 1 U	< 2 U
Dichlorodifluoromethane	ug/L	5	NA	NA	< 1 U	< 1 U	< 2 U
Ethylbenzene	ug/L	5	NA	NA	< 1 U	< 1 U	< 1 U
Isopropylbenzene (Cumene)	ug/L	5	NA	NA	< 1 U	< 1 U	< 1 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	NA	NA	< 10 U	< 10 U	< 20 UJ
Methyl tert-butyl ether (MTBE)	ug/L	10	NA	NA	< 1 U	< 1 U	< 1 U
Methylene chloride	ug/L	5	NA	NA	< 1 U	< 1 U	< 5 UJ
Toluene	ug/L	5	NA	NA	< 1 U	< 1 U	< 1 U
Trichloroethylene	ug/L	5	NA	NA	0.79 J	0.65 J	0.8 J
Vinyl chloride	ug/L	2	NA	NA	< 1 U	< 1 U	< 2 U
Xylenes (total)	ug/L	5	NA	NA	< 2 U	< 2 U	< 1 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	NA	NA	< 0.21 U	< 0.19 U	< 0.19 U
2,4-Dimethylphenol	ug/L	1	NA	NA	< 5 U	< 5 U	< 10 U
2,6-Dinitrotoluene	ug/L	5	NA	NA	< 5 U	< 5 U	< 10 U
2-Methylnaphthalene	ug/L	-	NA	NA	< 5 U	< 5 U	< 5 U
2-Nitroaniline	ug/L	5	NA	NA	< 10 U	< 10 U	< 10 U
3&4-Methylphenol	ug/L	1	NA	NA	NA	NA	< 10 U
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	< 10 U	< 10 U	NA
4-Nitrophenol	ug/L	1	NA	NA	< 10 U	< 10 U	< 10 U
Bis(2-ethylhexyl)phthalate	ug/L	5	NA	NA	< 5 U	< 5 U	< 10 U
Caprolactam	ug/L	-	NA	NA	< 5 U	< 5 U	< 10 U
Carbazole	ug/L	-	NA	NA	< 5 U	< 5 U	< 10 U
Diethyl phthalate	ug/L	50	NA	NA	< 5 U	0.39 J	< 10 U
Di-n-butyl phthalate	ug/L	50	NA	NA	< 5 U	< 5 U	< 10 U
Di-n-octyl phthalate	ug/L	50	NA	NA	< 5 U	< 5 U	4.3 J
Naphthalene	ug/L	10	NA	NA	< 5 U	< 5 U	< 5 U
Nitrobenzene	ug/L	0.4	NA	NA	< 5 U	< 5 U	< 10 U
N-Nitroso-di-n-propylamine	ug/L	-	NA	NA	< 5 U	< 5 U	< 10 U
N-Nitrosodiphenylamine	ug/L	50	NA	NA	< 5 U	< 5 U	< 10 U
Phenanthrene	ug/L	50	NA	NA	< 5 U	< 5 U	< 5 U
Phenol	ug/L	1	NA	NA	< 5 U	< 5 U	< 10 U
Pesticides							
4,4'-DDD	ug/L	0.3	NA	NA	< 0.054 U	< 0.050 UJ	< 0.038 U
4,4'-DDE	ug/L	0.2	NA	NA	< 0.054 U	< 0.050 UJ	< 0.038 U
4,4'-DDT	ug/L	0.2	NA	NA	0.024 J	0.034 J	< 0.038 U
Aldrin	ug/L	ND	NA	NA	< 0.054 U	< 0.050 U	< 0.048 U
alpha-BHC	ug/L	0.01	NA	NA	0.0088 J	< 0.050 U	< 0.048 U
beta-BHC	ug/L	0.04	NA	NA	< 0.054 U	< 0.050 U	< 0.048 U
delta-BHC	ug/L	0.04	NA	NA	0.031 J	< 0.050 U	< 0.048 U
Dieldrin	ug/L	0.004	NA	NA	< 0.054 U	< 0.050 UJ	< 0.0019 U
Endosulfan I	ug/L	-	NA	NA	< 0.054 U	< 0.050 UJ	< 0.048 U
Endosulfan II	ug/L	-	NA	NA	< 0.054 U	< 0.050 UJ	< 0.077 U
Endosulfan sulfate	ug/L	-	NA	NA	< 0.054 U	< 0.050 UJ	< 0.077 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-113	MW-113	MW-114	MW-114	MW-114
Sample Name			MW-113 Filtered	MW-113	MW-114-191126	MW-114-200624	MW-114
Sample Date			12/6/2022	5/16/2023	11/26/2019	6/24/2020	12/6/2022
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	NA	NA	< 0.054 U	< 0.050 UJ	< 0.077 U
Endrin aldehyde	ug/L	5	NA	NA	0.026 J	< 0.050 UJ	< 0.077 U
Endrin ketone	ug/L	5	NA	NA	< 0.054 U	< 0.050 UJ	< 0.077 U
gamma-BHC (Lindane)	ug/L	0.05	NA	NA	< 0.054 U	< 0.050 U	< 0.029 U
gamma-Chlordane	ug/L	0.05	NA	NA	< 0.054 U	< 0.050 UJ	NA
Heptachlor	ug/L	0.04	NA	NA	0.011 J	< 0.050 U	< 0.048 U
Heptachlor epoxide	ug/L	0.03	NA	NA	< 0.054 U	< 0.050 U	< 0.048 U
Hexachlorobenzene	ug/L	0.04	NA	NA	NA	NA	NA
Methoxychlor	ug/L	35	NA	NA	< 0.054 U	< 0.050 UJ	< 0.48 UJ
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.19 U	NA	< 0.50 U	< 1 U	< 0.19 U
Aroclor 1242	ug/L	-	< 0.19 U	NA	< 0.50 U	< 1 U	< 0.19 U
Aroclor 1254	ug/L	-	< 0.19 U	NA	< 0.50 U	< 1 U	< 0.19 U
Aroclor 1260	ug/L	-	< 0.19 U	NA	< 0.50 U	< 1 UJ	< 0.19 U
PCBs (total)	ug/L	0.09	ND	NA	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Dichlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Trichlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Tetrachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Pentachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Hexachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Heptachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Octachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Nonachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
Decachlorobiphenyls	ug/L	-	NA	NA	NA	NA	NA
PCB Homologues (total)	ug/L	-	NA	NA	NA	NA	NA
Metals							
Aluminum	ug/L	-	< 50 U	47 J	< 200 U	< 200 U	280
Antimony	ug/L	3	14 J	< 50 U	< 20 U	< 20 U	9.7 J
Arsenic	ug/L	25	< 10 U	< 10 U	< 15 U	< 15 U	< 10 U
Barium	ug/L	1000	260	290	94	68	73
Beryllium	ug/L	3	< 4 U	< 4 U	< 2 U	< 2 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 4 U	< 2 U	< 2 U	< 4 U
Calcium	ug/L	-	72000	81000	53900	29700	24000
Chromium	ug/L	50	< 10 U	< 10 U	< 4 U	< 4 U	< 10 U
Cobalt	ug/L	-	< 10 U	< 10 U	< 4 UJ	< 4 U	< 10 U
Copper	ug/L	200	5.2 J	< 10 U	< 10 UJ	< 10 U	3.7 J
Iron	ug/L	300	2000	10000	25 J	47 J	340
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Magnesium	ug/L	35000	21000	23000	11300	6600	6700
Manganese	ug/L	300	460	580	690	230	24
Mercury	ug/L	0.7	< 0.1 U	< 0.2 U	< 0.20 U	< 0.20 U	< 0.1 U
Nickel	ug/L	100	< 10 U	< 10 U	1.5 J	< 10 U	< 10 U
Potassium	ug/L	-	1200 J	980 J	1600	950	1200 J
Selenium	ug/L	10	< 50 U	< 50 U	< 25 UJ	< 25 U	< 50 U
Sodium	ug/L	20000	4700	4900	8500	11900	10000
Vanadium	ug/L	-	7.5 J	< 10 U	< 5 U	< 5 U	3.4 J
Zinc	ug/L	2000	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Miscellaneous							
Cyanide	ug/L	200	NA	NA	< 10 U	< 10 U	< 10 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-113	MW-113	MW-114	MW-114	MW-114
Sample Name			MW-113 Filtered	MW-113	MW-114-191126	MW-114-200624	MW-114
Sample Date			12/6/2022	5/16/2023	11/26/2019	6/24/2020	12/6/2022
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	NA	< 1 U	< 19 U	< 19 U	< 1 U
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	NA	< 1 U	< 19 U	< 19 U	< 1 U
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	NA	1.2	3.2 J	1.8 J	1.8 J
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	NA	< 47 U	NA	NA	< 45 U
Perfluorobutanoic acid (PFBA)	ng/L	-	NA	6.9 J	70 J	< 2 U	1.8 J
Perfluorodecanoic acid (PFDA)	ng/L	-	NA	< 1 U	< 2 U	< 2 U	< 1 U
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	NA	1.7	2.8 J	1.1 J	3.4
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA	< 2 U	NA	NA	< 2 U
Perfluoroheptanoic acid (PFHpA)	ng/L	-	NA	3.9	15 J	< 2 U	1.2
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	NA	6.7	47 J	34 B	36
Perfluorohexanoic acid (PFHxA)	ng/L	-	NA	4.6	27 J	0.9 J	1.1
Perfluorononanesulfonic acid (PFNS)	ng/L	-	NA	< 1 U	NA	NA	< 1 U
Perfluorononanoic acid (PFNA)	ng/L	-	NA	39	20 J	2.8 J	3.4
Perfluorooctane sulfonamide (FOSA)	ng/L	-	NA	< 1 U	< 9 U	0.36 J	< 1 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	NA	3	38 J	< 2 U	< 1 U
Perfluorooctanoic acid (PFOA)	ng/L	6.7	NA	17	97 J	8.3	9.2
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	0.79 J	NA	NA	2.7
Perfluoropentanoic acid (PFPA)	ng/L	-	NA	4.4	7.3 J	0.57 J	< 2 U
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	NA	< 1 UJ	< 2 U	< 2 U	< 1 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	NA	< 1 U	< 2 U	< 2 U	< 1 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	NA	1.2 J	7.3 J	< 19 U	< 4 U
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	NA	< 4 U	< 19 U	< 19 U	< 4 U
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA	< 10 U	NA	NA	< 9 U
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	NA	< 4 UJ	NA	NA	< 4 U
PFAS (total)	ng/L	-	NA	90.39	334.6	49.83	60.6

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			MW-113	MW-113	MW-114	MW-114	MW-114
Sample Name			MW-113 Filtered	MW-113	MW-114-191126	MW-114-200624	MW-114
Sample Date			12/6/2022	5/16/2023	11/26/2019	6/24/2020	12/6/2022
Analyte	Unit	Criteria					
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-114	MW-115	MW-115	MW-116	MW-116
Sample Name			MW-114 Filtered	MW-115	MW-115 FILTERED	MW-116	MW-116 FILTERED
Sample Date			12/6/2022	5/17/2023	5/17/2023	5/18/2023	5/18/2023
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	NA	< 1 U	NA	< 1 U	NA
1,4-Dichlorobenzene	ug/L	3	NA	< 1 U	NA	< 1 U	NA
Acetone	ug/L	50	NA	< 50 U	NA	< 50 U	NA
Benzene	ug/L	1	NA	< 1 U	NA	< 1 U	NA
Carbon disulfide	ug/L	60	NA	< 5 U	NA	< 5 U	NA
Chlorobenzene	ug/L	5	NA	< 1 U	NA	< 1 U	NA
Chloroform	ug/L	7	NA	< 2 U	NA	< 2 U	NA
Dichlorodifluoromethane	ug/L	5	NA	< 2 U	NA	< 2 U	NA
Ethylbenzene	ug/L	5	NA	< 1 U	NA	< 1 U	NA
Isopropylbenzene (Cumene)	ug/L	5	NA	< 1 U	NA	< 1 U	NA
Methyl ethyl ketone (2-Butanone)	ug/L	50	NA	< 20 U	NA	< 20 U	NA
Methyl tert-butyl ether (MTBE)	ug/L	10	NA	< 1 U	NA	< 1 U	NA
Methylene chloride	ug/L	5	NA	< 5 U	NA	< 5 U	NA
Toluene	ug/L	5	NA	0.85 J	NA	< 1 U	NA
Trichloroethylene	ug/L	5	NA	< 1 U	NA	< 1 U	NA
Vinyl chloride	ug/L	2	NA	< 2 U	NA	< 2 U	NA
Xylenes (total)	ug/L	5	NA	< 1 U	NA	< 1 U	NA
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	NA	< 0.2 U	NA	0.099 J	NA
2,4-Dimethylphenol	ug/L	1	NA	< 8 U	NA	< 8 U	NA
2,6-Dinitrotoluene	ug/L	5	NA	< 8 U	NA	< 8 U	NA
2-Methylnaphthalene	ug/L	-	NA	< 4 U	NA	< 4 U	NA
2-Nitroaniline	ug/L	5	NA	< 8 U	NA	< 8 U	NA
3&4-Methylphenol	ug/L	1	NA	< 8 U	NA	< 8 U	NA
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	ug/L	1	NA	< 8 U	NA	< 17 U	NA
Bis(2-ethylhexyl)phthalate	ug/L	5	NA	< 8 U	NA	< 8 U	NA
Caprolactam	ug/L	-	NA	< 8 UJ	NA	< 8 U	NA
Carbazole	ug/L	-	NA	< 8 U	NA	< 8 U	NA
Diethyl phthalate	ug/L	50	NA	< 8 U	NA	< 8 U	NA
Di-n-butyl phthalate	ug/L	50	NA	< 8 U	NA	< 8 U	NA
Di-n-octyl phthalate	ug/L	50	NA	< 8 U	NA	< 8 UJ	NA
Naphthalene	ug/L	10	NA	< 4 U	NA	< 4 U	NA
Nitrobenzene	ug/L	0.4	NA	< 8 U	NA	< 8 U	NA
N-Nitroso-di-n-propylamine	ug/L	-	NA	< 8 U	NA	< 8 U	NA
N-Nitrosodiphenylamine	ug/L	50	NA	< 8 U	NA	< 8 U	NA
Phenanthrene	ug/L	50	NA	< 4 U	NA	< 4 U	NA
Phenol	ug/L	1	NA	< 8 U	NA	< 8 U	NA
Pesticides							
4,4'-DDD	ug/L	0.3	NA	< 0.035 U	NA	< 0.036 U	NA
4,4'-DDE	ug/L	0.2	NA	< 0.035 U	NA	< 0.036 U	NA
4,4'-DDT	ug/L	0.2	NA	< 0.035 U	NA	< 0.036 U	NA
Aldrin	ug/L	ND	NA	< 0.043 U	NA	< 0.045 U	NA
alpha-BHC	ug/L	0.01	NA	< 0.043 U	NA	< 0.045 U	NA
beta-BHC	ug/L	0.04	NA	< 0.043 U	NA	< 0.045 U	NA
delta-BHC	ug/L	0.04	NA	< 0.043 UJ	NA	< 0.045 UJ	NA
Dieldrin	ug/L	0.004	NA	< 0.0017 U	NA	< 0.0018 U	NA
Endosulfan I	ug/L	-	NA	< 0.043 U	NA	< 0.045 U	NA
Endosulfan II	ug/L	-	NA	< 0.07 U	NA	< 0.073 U	NA
Endosulfan sulfate	ug/L	-	NA	< 0.07 U	NA	< 0.073 U	NA

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-114	MW-115	MW-115	MW-116	MW-116
Sample Name			MW-114 Filtered	MW-115	MW-115 FILTERED	MW-116	MW-116 FILTERED
Sample Date			12/6/2022	5/17/2023	5/17/2023	5/18/2023	5/18/2023
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	NA	< 0.07 U	NA	< 0.073 U	NA
Endrin aldehyde	ug/L	5	NA	< 0.07 U	NA	< 0.073 U	NA
Endrin ketone	ug/L	5	NA	< 0.07 U	NA	< 0.073 U	NA
gamma-BHC (Lindane)	ug/L	0.05	NA	< 0.026 U	NA	< 0.027 U	NA
gamma-Chlordane	ug/L	0.05	NA	NA	NA	NA	NA
Heptachlor	ug/L	0.04	NA	< 0.043 U	NA	< 0.045 U	NA
Heptachlor epoxide	ug/L	0.03	NA	< 0.043 U	NA	< 0.045 U	NA
Hexachlorobenzene	ug/L	0.04	NA	0.13 B	NA	< 0.045 U	NA
Methoxychlor	ug/L	35	NA	< 0.43 U	NA	< 0.45 U	NA
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.19 U	< 0.17 U	< 0.17 U	< 0.18 U	< 0.19 U
Aroclor 1242	ug/L	-	< 0.19 U	< 0.17 U	< 0.17 U	< 0.18 U	< 0.19 U
Aroclor 1254	ug/L	-	< 0.19 U	< 0.17 U	< 0.17 U	< 0.18 U	< 0.19 U
Aroclor 1260	ug/L	-	< 0.19 U	< 0.17 U	< 0.17 U	< 0.18 U	< 0.19 U
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	NA	< 0.001 UJ	< 0.001 UJ	< 0.001 U	< 0.00097 U
Dichlorobiphenyls	ug/L	-	NA	< 0.001 U	0.0012	< 0.001 U	< 0.00097 U
Trichlorobiphenyls	ug/L	-	NA	< 0.002 U	< 0.002 U	< 0.002 U	< 0.0021 U
Tetrachlorobiphenyls	ug/L	-	NA	< 0.002 U	0.0027	< 0.002 U	< 0.0021 U
Pentachlorobiphenyls	ug/L	-	NA	< 0.002 U	< 0.002 U	< 0.002 U	< 0.0021 U
Hexachlorobiphenyls	ug/L	-	NA	< 0.002 U	< 0.002 U	< 0.002 U	< 0.0021 U
Heptachlorobiphenyls	ug/L	-	NA	< 0.003 U	< 0.003 U	< 0.003 U	< 0.0029 U
Octachlorobiphenyls	ug/L	-	NA	< 0.003 U	< 0.003 U	< 0.003 U	< 0.0029 U
Nonachlorobiphenyls	ug/L	-	NA	< 0.0051 U	< 0.0051 U	< 0.005 U	< 0.0049 U
Decachlorobiphenyls	ug/L	-	NA	< 0.0051 U	< 0.0051 U	< 0.005 U	< 0.0049 U
PCB Homologues (total)	ug/L	-	NA	ND	0.0039	ND	ND
Metals							
Aluminum	ug/L	-	< 50 U	< 50 U	< 50 U	25000	56
Antimony	ug/L	3	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
Arsenic	ug/L	25	< 10 U	< 10 U	< 10 U	35 B	7.4 J
Barium	ug/L	1000	69	150	200	610	73
Beryllium	ug/L	3	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Calcium	ug/L	-	25000	37000	44000	610000	46000
Chromium	ug/L	50	< 10 U	< 10 U	< 10 U	32	< 10 U
Cobalt	ug/L	-	< 10 U	< 10 U	< 10 U	24	< 10 U
Copper	ug/L	200	< 10 U	< 10 U	< 10 U	94	< 10 U
Iron	ug/L	300	< 50 U	430	670	59000	130
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	10	< 10 U
Magnesium	ug/L	35000	6700	13000	14000	110000	10000
Manganese	ug/L	300	2.8 J	110	150	8100	280
Mercury	ug/L	0.7	0.057 J	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Nickel	ug/L	100	< 10 U	< 10 U	< 10 U	42	< 10 U
Potassium	ug/L	-	870 J	1100 J	1400 J	8300	2900
Selenium	ug/L	10	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
Sodium	ug/L	20000	8700	5600	6200	28000	22000
Vanadium	ug/L	-	3.3 J	< 10 U	< 10 U	47	< 10 U
Zinc	ug/L	2000	< 10 U	< 10 U	< 10 U	110	< 10 U
Miscellaneous							
Cyanide	ug/L	200	NA	< 500 U	NA	< 10 U	NA

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-114	MW-115	MW-115	MW-116	MW-116
Sample Name			MW-114 Filtered	MW-115	MW-115 FILTERED	MW-116	MW-116 FILTERED
Sample Date			12/6/2022	5/17/2023	5/17/2023	5/18/2023	5/18/2023
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	NA	< 49 U	NA	< 1000 U	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	NA	2 J	NA	30 J	NA
Perfluorodecanoic acid (PFDA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA	< 2 U	NA	< 40 U	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	NA	< 1 U	NA	5.5 J	NA
Perfluorohexanoic acid (PFHxA)	ng/L	-	NA	0.76 J	NA	5.3 J	NA
Perfluorononanesulfonic acid (PFNS)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluorononanoic acid (PFNA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluorooctane sulfonamide (FOSA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	NA	1.8	NA	< 20 U	NA
Perfluorooctanoic acid (PFOA)	ng/L	6.7	NA	0.5 J	NA	6.3 J	NA
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	NA	1.5 J	NA	9.5 J	NA
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluoroundecanoic acid (PFUnA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	NA	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	NA	< 4 U	NA	< 80 U	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA	< 10 U	NA	< 200 U	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	NA	< 4 U	NA	< 80 U	NA
PFAS (total)	ng/L	-	NA	6.56	NA	56.6	NA

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			MW-114	MW-115	MW-115	MW-116	MW-116
Sample Name			MW-114 Filtered	MW-115	MW-115 FILTERED	MW-116	MW-116 FILTERED
Sample Date			12/6/2022	5/17/2023	5/17/2023	5/18/2023	5/18/2023
Analyte	Unit	Criteria					
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-117	MW-117	MW-118	MW-118	MW-119
Sample Name			MW-117	MW-117 FILTERED	MW-118	MW-118 FILTERED	MW-119
Sample Date			5/18/2023	5/18/2023	5/18/2023	5/18/2023	5/17/2023
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	< 50 U	NA	< 25 U	NA	< 1 U
1,4-Dichlorobenzene	ug/L	3	< 50 U	NA	< 25 U	NA	< 1 U
Acetone	ug/L	50	< 2500 U	NA	< 1200 U	NA	< 50 U
Benzene	ug/L	1	< 50 U	NA	< 25 U	NA	0.92 J
Carbon disulfide	ug/L	60	< 250 U	NA	< 120 U	NA	< 5 U
Chlorobenzene	ug/L	5	< 50 U	NA	< 25 U	NA	< 1 U
Chloroform	ug/L	7	< 100 U	NA	< 50 U	NA	< 2 U
Dichlorodifluoromethane	ug/L	5	< 100 U	NA	< 50 U	NA	< 2 U
Ethylbenzene	ug/L	5	< 50 U	NA	< 25 U	NA	< 1 U
Isopropylbenzene (Cumene)	ug/L	5	< 50 U	NA	< 25 U	NA	< 1 U
Methyl ethyl ketone (2-Butanone)	ug/L	50	150 J	NA	< 500 U	NA	< 20 U
Methyl tert-butyl ether (MTBE)	ug/L	10	< 50 U	NA	< 25 U	NA	< 1 U
Methylene chloride	ug/L	5	< 250 U	NA	< 120 U	NA	< 5 U
Toluene	ug/L	5	< 50 U	NA	< 25 U	NA	< 1 U
Trichloroethylene	ug/L	5	< 50 U	NA	< 25 U	NA	< 1 U
Vinyl chloride	ug/L	2	< 100 U	NA	< 50 U	NA	< 2 U
Xylenes (total)	ug/L	5	< 50 U	NA	< 25 U	NA	< 1 U
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	7.3	NA	6.3	NA	0.48
2,4-Dimethylphenol	ug/L	1	< 8 U	NA	< 8 U	NA	< 8 U
2,6-Dinitrotoluene	ug/L	5	< 8 U	NA	< 8 U	NA	< 8 U
2-Methylnaphthalene	ug/L	-	< 4 U	NA	< 4 U	NA	< 4 U
2-Nitroaniline	ug/L	5	< 8 U	NA	< 8 U	NA	< 8 U
3&4-Methylphenol	ug/L	1	< 8 U	NA	< 8 U	NA	< 8 U
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	ug/L	1	< 17 U	NA	< 17 U	NA	< 8 U
Bis(2-ethylhexyl)phthalate	ug/L	5	< 8 U	NA	< 8 U	NA	< 8 U
Caprolactam	ug/L	-	< 8 U	NA	< 8 U	NA	3 J
Carbazole	ug/L	-	< 8 U	NA	< 8 U	NA	< 8 U
Diethyl phthalate	ug/L	50	< 8 U	NA	< 8 U	NA	< 8 U
Di-n-butyl phthalate	ug/L	50	< 8 U	NA	< 8 U	NA	< 8 U
Di-n-octyl phthalate	ug/L	50	< 8 UJ	NA	< 8 UJ	NA	< 8 U
Naphthalene	ug/L	10	< 4 U	NA	< 4 U	NA	< 4 U
Nitrobenzene	ug/L	0.4	< 8 U	NA	< 8 U	NA	< 8 U
N-Nitroso-di-n-propylamine	ug/L	-	< 8 U	NA	< 8 U	NA	< 8 U
N-Nitrosodiphenylamine	ug/L	50	< 8 U	NA	< 8 U	NA	< 8 U
Phenanthrene	ug/L	50	< 4 U	NA	< 4 U	NA	< 4 U
Phenol	ug/L	1	< 8 U	NA	< 8 U	NA	< 8 U
Pesticides							
4,4'-DDD	ug/L	0.3	< 0.035 U	NA	< 0.035 U	NA	0.024 J
4,4'-DDE	ug/L	0.2	< 0.035 U	NA	< 0.035 U	NA	< 0.033 U
4,4'-DDT	ug/L	0.2	< 0.035 U	NA	< 0.035 U	NA	< 0.033 U
Aldrin	ug/L	ND	< 0.043 U	NA	< 0.043 U	NA	< 0.042 U
alpha-BHC	ug/L	0.01	< 0.043 U	NA	< 0.043 U	NA	< 0.042 U
beta-BHC	ug/L	0.04	< 0.043 U	NA	< 0.043 U	NA	< 0.042 U
delta-BHC	ug/L	0.04	< 0.043 UJ	NA	< 0.043 UJ	NA	< 0.042 UJ
Dieldrin	ug/L	0.004	< 0.0017 U	NA	< 0.0017 U	NA	< 0.0017 U
Endosulfan I	ug/L	-	< 0.043 U	NA	< 0.043 U	NA	0.0088 J
Endosulfan II	ug/L	-	< 0.07 U	NA	< 0.07 U	NA	< 0.067 U
Endosulfan sulfate	ug/L	-	< 0.07 U	NA	< 0.07 U	NA	< 0.067 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-117	MW-117	MW-118	MW-118	MW-119
Sample Name			MW-117	MW-117 FILTERED	MW-118	MW-118 FILTERED	MW-119
Sample Date			5/18/2023	5/18/2023	5/18/2023	5/18/2023	5/17/2023
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	< 0.07 U	NA	< 0.07 U	NA	< 0.067 U
Endrin aldehyde	ug/L	5	< 0.07 U	NA	< 0.07 U	NA	< 0.067 U
Endrin ketone	ug/L	5	< 0.07 U	NA	< 0.07 U	NA	< 0.067 U
gamma-BHC (Lindane)	ug/L	0.05	< 0.026 U	NA	< 0.026 U	NA	< 0.025 U
gamma-Chlordane	ug/L	0.05	NA	NA	NA	NA	NA
Heptachlor	ug/L	0.04	< 0.043 U	NA	< 0.043 U	NA	< 0.042 U
Heptachlor epoxide	ug/L	0.03	< 0.043 U	NA	< 0.043 U	NA	< 0.042 U
Hexachlorobenzene	ug/L	0.04	0.21 B	NA	< 0.043 U	NA	< 0.042 U
Methoxychlor	ug/L	35	< 0.43 U	NA	< 0.43 U	NA	< 0.42 U
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Aroclor 1242	ug/L	-	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Aroclor 1254	ug/L	-	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
Aroclor 1260	ug/L	-	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U	< 0.17 U
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	< 0.001 U	< 0.0010 U	< 0.00098 U	< 0.00097 U	< 0.00098 U
Dichlorobiphenyls	ug/L	-	< 0.001 U	< 0.0010 U	< 0.00098 U	< 0.00097 U	< 0.00098 U
Trichlorobiphenyls	ug/L	-	< 0.002 U	< 0.0020 U	< 0.002 U	< 0.0020 U	< 0.002 U
Tetrachlorobiphenyls	ug/L	-	< 0.002 U	< 0.0020 U	< 0.002 U	< 0.0020 U	< 0.002 U
Pentachlorobiphenyls	ug/L	-	< 0.002 U	< 0.0020 U	< 0.002 U	< 0.0020 U	< 0.002 U
Hexachlorobiphenyls	ug/L	-	< 0.002 U	< 0.0020 U	< 0.002 U	< 0.0020 U	< 0.002 U
Heptachlorobiphenyls	ug/L	-	< 0.003 U	< 0.0030 U	< 0.0029 U	< 0.0029 U	< 0.0029 U
Octachlorobiphenyls	ug/L	-	< 0.003 U	< 0.0030 U	< 0.0029 U	< 0.0029 U	< 0.0029 U
Nonachlorobiphenyls	ug/L	-	0.0064	< 0.0050 U	< 0.0049 U	< 0.0049 U	< 0.0049 U
Decachlorobiphenyls	ug/L	-	0.0078	< 0.0050 U	< 0.0049 U	< 0.0049 U	< 0.0049 U
PCB Homologues (total)	ug/L	-	0.0142	ND	ND	ND	ND
Metals							
Aluminum	ug/L	-	210	68	340	49 J	68
Antimony	ug/L	3	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
Arsenic	ug/L	25	6.1 J	9.7 J	5.2 J	13	43
Barium	ug/L	1000	310	320	770	770	2100
Beryllium	ug/L	3	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Calcium	ug/L	-	72000	66000	57000	53000	120000
Chromium	ug/L	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Cobalt	ug/L	-	4 J	3.4 J	3.4 J	2.6 J	< 10 U
Copper	ug/L	200	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Iron	ug/L	300	1100	970	1300	870	34000
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Magnesium	ug/L	35000	23000	24000	22000	23000	51000
Manganese	ug/L	300	1400	1400	970	870	4500
Mercury	ug/L	0.7	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Nickel	ug/L	100	10	< 10 U	13	11	< 10 U
Potassium	ug/L	-	4300	4200	3100	2900	2500
Selenium	ug/L	10	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
Sodium	ug/L	20000	300000	300000	250000	240000	53000
Vanadium	ug/L	-	12	11	8.4 J	7.3 J	< 10 U
Zinc	ug/L	2000	68	< 10 U	57	< 10 U	17
Miscellaneous							
Cyanide	ug/L	200	< 10 U	NA	< 10 U	NA	< 500 U

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-117	MW-117	MW-118	MW-118	MW-119
Sample Name			MW-117	MW-117 FILTERED	MW-118	MW-118 FILTERED	MW-119
Sample Date			5/18/2023	5/18/2023	5/18/2023	5/18/2023	5/17/2023
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	< 1 U	NA	1.8	NA	1.7
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	< 1 U	NA	0.92 J	NA	1.8
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	34 J	NA	39 J	NA	10
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	< 49 UJ	NA	< 46 UJ	NA	< 46 U
Perfluorobutanoic acid (PFBA)	ng/L	-	NA	NA	NA	NA	NA
Perfluorodecanoic acid (PFDA)	ng/L	-	0.33 J	NA	0.26 J	NA	0.5 J
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	2.3	NA	2	NA	1.1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA	NA	NA	NA	< 2 UJ
Perfluoroheptanoic acid (PFHpA)	ng/L	-	39	NA	41	NA	24
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	32	NA	45	NA	38
Perfluorohexanoic acid (PFHxA)	ng/L	-	92 J	NA	96 J	NA	24
Perfluorononanesulfonic acid (PFNS)	ng/L	-	< 1 U	NA	< 1 U	NA	< 1 U
Perfluorononanoic acid (PFNA)	ng/L	-	17	NA	10	NA	6.8
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 1 U	NA	< 1 U	NA	< 1 U
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	19	NA	13	NA	36
Perfluorooctanoic acid (PFOA)	ng/L	6.7	150	NA	140	NA	120
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	24	NA	16	NA	15
Perfluoropentanoic acid (PFPA)	ng/L	-	NA	NA	NA	NA	19 J
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 1 U	NA	< 1 U	NA	< 1 U
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 1 U	NA	< 1 U	NA	< 1 U
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	20 J	NA	20 J	NA	3.8 J
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	2 J	NA	2.6 J	NA	1.2 J
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA	NA	NA	NA	2.2 J
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	1.1 J	NA	< 4 U	NA	< 4 U
PFAS (total)	ng/L	-	432.73	NA	427.58	NA	305.1

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			MW-117	MW-117	MW-118	MW-118	MW-119
Sample Name			MW-117	MW-117 FILTERED	MW-118	MW-118 FILTERED	MW-119
Sample Date			5/18/2023	5/18/2023	5/18/2023	5/18/2023	5/17/2023
Analyte	Unit	Criteria					
		(1)					

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-119	MW-120	MW-120	MW-121	MW-121
Sample Name			MW-119 FILTERED	MW-120	MW-120 FILTERED	MW-121	MW-121 FILTERED
Sample Date			5/17/2023	5/17/2023	5/17/2023	5/16/2023	5/16/2023
Analyte	Unit	Criteria					
		(1)					
Volatile Organic Compounds (VOCs)							
1,3-Dichlorobenzene	ug/L	3	NA	< 1 U	NA	< 1 U	NA
1,4-Dichlorobenzene	ug/L	3	NA	< 1 U	NA	< 1 U	NA
Acetone	ug/L	50	NA	< 50 U	NA	< 50 UJ	NA
Benzene	ug/L	1	NA	< 1 U	NA	< 1 U	NA
Carbon disulfide	ug/L	60	NA	< 5 U	NA	< 5 U	NA
Chlorobenzene	ug/L	5	NA	< 1 U	NA	< 1 U	NA
Chloroform	ug/L	7	NA	< 2 U	NA	< 2 U	NA
Dichlorodifluoromethane	ug/L	5	NA	< 2 U	NA	< 2 U	NA
Ethylbenzene	ug/L	5	NA	< 1 U	NA	< 1 U	NA
Isopropylbenzene (Cumene)	ug/L	5	NA	< 1 U	NA	< 1 U	NA
Methyl ethyl ketone (2-Butanone)	ug/L	50	NA	< 20 U	NA	< 20 U	NA
Methyl tert-butyl ether (MTBE)	ug/L	10	NA	0.23 J	NA	< 1 U	NA
Methylene chloride	ug/L	5	NA	< 5 U	NA	< 5 U	NA
Toluene	ug/L	5	NA	< 1 U	NA	2.3	NA
Trichloroethylene	ug/L	5	NA	< 1 U	NA	< 1 U	NA
Vinyl chloride	ug/L	2	NA	< 2 U	NA	< 2 U	NA
Xylenes (total)	ug/L	5	NA	< 1 U	NA	< 1 U	NA
Semi Volatile Organic Compounds (SVOCs)							
1,4-Dioxane	ug/L	0.35	NA	0.73	NA	0.23	NA
2,4-Dimethylphenol	ug/L	1	NA	< 8 U	NA	< 8 U	NA
2,6-Dinitrotoluene	ug/L	5	NA	< 8 U	NA	< 8 U	NA
2-Methylnaphthalene	ug/L	-	NA	< 4 U	NA	< 4 U	NA
2-Nitroaniline	ug/L	5	NA	< 8 U	NA	< 8 U	NA
3&4-Methylphenol	ug/L	1	NA	< 8 U	NA	< 8 U	NA
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	NA	NA	NA
4-Nitrophenol	ug/L	1	NA	< 8 U	NA	< 8 U	NA
Bis(2-ethylhexyl)phthalate	ug/L	5	NA	< 8 U	NA	< 8 U	NA
Caprolactam	ug/L	-	NA	< 8 UJ	NA	< 8 UJ	NA
Carbazole	ug/L	-	NA	< 8 U	NA	< 8 U	NA
Diethyl phthalate	ug/L	50	NA	< 8 U	NA	< 8 U	NA
Di-n-butyl phthalate	ug/L	50	NA	< 8 U	NA	< 8 U	NA
Di-n-octyl phthalate	ug/L	50	NA	< 8 U	NA	< 8 U	NA
Naphthalene	ug/L	10	NA	< 4 U	NA	< 4 U	NA
Nitrobenzene	ug/L	0.4	NA	< 8 U	NA	< 8 U	NA
N-Nitroso-di-n-propylamine	ug/L	-	NA	< 8 U	NA	< 8 U	NA
N-Nitrosodiphenylamine	ug/L	50	NA	< 8 U	NA	< 8 U	NA
Phenanthrene	ug/L	50	NA	< 4 U	NA	< 4 U	NA
Phenol	ug/L	1	NA	< 8 U	NA	< 8 U	NA
Pesticides							
4,4'-DDD	ug/L	0.3	NA	< 0.035 U	NA	< 0.033 U	NA
4,4'-DDE	ug/L	0.2	NA	< 0.035 U	NA	< 0.033 U	NA
4,4'-DDT	ug/L	0.2	NA	< 0.035 U	NA	< 0.033 U	NA
Aldrin	ug/L	ND	NA	< 0.043 U	NA	< 0.042 U	NA
alpha-BHC	ug/L	0.01	NA	< 0.043 U	NA	< 0.042 U	NA
beta-BHC	ug/L	0.04	NA	< 0.043 U	NA	< 0.042 U	NA
delta-BHC	ug/L	0.04	NA	< 0.043 UJ	NA	< 0.042 UJ	NA
Dieldrin	ug/L	0.004	NA	< 0.0017 U	NA	< 0.0017 U	NA
Endosulfan I	ug/L	-	NA	< 0.043 U	NA	< 0.042 U	NA
Endosulfan II	ug/L	-	NA	< 0.07 U	NA	< 0.067 U	NA
Endosulfan sulfate	ug/L	-	NA	< 0.07 U	NA	< 0.067 U	NA

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-119	MW-120	MW-120	MW-121	MW-121
Sample Name			MW-119 FILTERED	MW-120	MW-120 FILTERED	MW-121	MW-121 FILTERED
Sample Date			5/17/2023	5/17/2023	5/17/2023	5/16/2023	5/16/2023
Analyte	Unit	Criteria					
		(1)					
Endrin	ug/L	ND	NA	< 0.07 U	NA	< 0.067 U	NA
Endrin aldehyde	ug/L	5	NA	< 0.07 U	NA	< 0.067 U	NA
Endrin ketone	ug/L	5	NA	< 0.07 U	NA	< 0.067 U	NA
gamma-BHC (Lindane)	ug/L	0.05	NA	< 0.026 U	NA	< 0.025 U	NA
gamma-Chlordane	ug/L	0.05	NA	NA	NA	NA	NA
Heptachlor	ug/L	0.04	NA	< 0.043 U	NA	< 0.042 U	NA
Heptachlor epoxide	ug/L	0.03	NA	< 0.043 U	NA	< 0.042 U	NA
Hexachlorobenzene	ug/L	0.04	NA	< 0.043 U	NA	< 0.042 U	NA
Methoxychlor	ug/L	35	NA	< 0.43 U	NA	< 0.42 U	NA
Polychlorinated Biphenyls (PCBs)							
Aroclor 1232	ug/L	-	< 0.20 U	< 0.17 U	< 0.17 U	< 0.20 U	< 0.20 U
Aroclor 1242	ug/L	-	< 0.20 U	< 0.17 U	< 0.17 U	< 0.20 U	< 0.20 U
Aroclor 1254	ug/L	-	< 0.20 U	< 0.17 U	< 0.17 U	< 0.20 U	< 0.20 U
Aroclor 1260	ug/L	-	< 0.20 U	< 0.17 U	< 0.17 U	< 0.20 U	< 0.20 U
PCBs (total)	ug/L	0.09	ND	ND	ND	ND	ND
PCBs Homologues							
Monochlorobiphenyls	ug/L	-	< 0.00096 U	< 0.001 UJ	< 0.00095 U	< 0.00099 UJ	< 0.00098 UJ
Dichlorobiphenyls	ug/L	-	0.00098	< 0.001 U	< 0.00095 U	< 0.00099 UJ	< 0.00098 U
Trichlorobiphenyls	ug/L	-	< 0.0019 U	< 0.002 U	< 0.0019 U	< 0.002 UJ	< 0.002 U
Tetrachlorobiphenyls	ug/L	-	0.0020	< 0.002 U	< 0.0019 U	< 0.002 UJ	< 0.002 U
Pentachlorobiphenyls	ug/L	-	< 0.0019 U	< 0.002 U	< 0.0019 U	< 0.002 UJ	< 0.002 U
Hexachlorobiphenyls	ug/L	-	< 0.0019 U	< 0.002 U	< 0.0019 U	< 0.002 UJ	< 0.002 U
Heptachlorobiphenyls	ug/L	-	< 0.0029 U	< 0.003 U	< 0.0029 U	< 0.003 UJ	< 0.0029 U
Octachlorobiphenyls	ug/L	-	< 0.0029 U	< 0.003 U	< 0.0029 U	< 0.003 UJ	< 0.0029 U
Nonachlorobiphenyls	ug/L	-	< 0.0048 U	< 0.005 U	< 0.0048 U	< 0.005 UJ	< 0.0049 U
Decachlorobiphenyls	ug/L	-	< 0.0048 U	< 0.005 U	< 0.0048 U	< 0.005 UJ	< 0.0049 U
PCB Homologues (total)	ug/L	-	0.00298	ND	ND	ND	ND
Metals							
Aluminum	ug/L	-	< 50 U	< 50 U	< 50 U	3600	< 50 U
Antimony	ug/L	3	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
Arsenic	ug/L	25	47	20	22	< 10 U	< 10 U
Barium	ug/L	1000	2000	230	220	180	120
Beryllium	ug/L	3	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Calcium	ug/L	-	120000	75000	71000	160000	53000
Chromium	ug/L	50	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Cobalt	ug/L	-	< 10 U	< 10 U	< 10 U	2.6 J	< 10 U
Copper	ug/L	200	< 10 U	< 10 U	< 10 U	52	< 10 U
Iron	ug/L	300	33000	< 50 U	< 50 U	13000	200
Lead	ug/L	25	< 10 U	< 10 U	< 10 U	6.9 J	< 10 U
Magnesium	ug/L	35000	48000	35000	33000	60000	20000
Manganese	ug/L	300	4400	1300	1200	2300	89
Mercury	ug/L	0.7	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Nickel	ug/L	100	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Potassium	ug/L	-	2500	2100	2000	1500 J	880 J
Selenium	ug/L	10	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
Sodium	ug/L	20000	53000	35000	35000	5500	5500
Vanadium	ug/L	-	NA	< 10 U	< 10 U	< 10 U	< 10 U
Zinc	ug/L	2000	17	9.8 J	9.1 J	30	< 10 U
Miscellaneous							
Cyanide	ug/L	200	NA	< 500 U	NA	< 500 U	NA

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-119	MW-120	MW-120	MW-121	MW-121
Sample Name			MW-119 FILTERED	MW-120	MW-120 FILTERED	MW-121	MW-121 FILTERED
Sample Date			5/17/2023	5/17/2023	5/17/2023	5/16/2023	5/16/2023
Analyte	Unit	Criteria					
		(1)					
Per- and Polyfluoroalkyl Substances (PFAS)							
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	NA	3.3	NA	9.4 J	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	NA	< 49 U	NA	< 1000 U	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	NA	NA	NA	36 J	NA
Perfluorodecanoic acid (PFDA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	NA	0.42 J	NA	< 20 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	NA	< 2 U	NA	< 40 U	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	NA	7.4	NA	< 20 U	NA
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	NA	11	NA	< 20 U	NA
Perfluorohexanoic acid (PFHxA)	ng/L	-	NA	19	NA	31	NA
Perfluorononanesulfonic acid (PFNS)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluorononanoic acid (PFNA)	ng/L	-	NA	6.5	NA	< 20 U	NA
Perfluorooctane sulfonamide (FOSA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	NA	2.3	NA	< 20 U	NA
Perfluorooctanoic acid (PFOA)	ng/L	6.7	NA	31	NA	< 20 U	NA
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	NA	3	NA	< 20 U	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	NA	15	NA	28 J	NA
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
Perfluoroundecanoic acid (PFUnA)	ng/L	-	NA	< 1 U	NA	< 20 U	NA
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	NA	1.4 J	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	NA	< 4 U	NA	< 80 U	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	NA	< 10 U	NA	< 200 U	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	NA	< 4 U	NA	< 80 U	NA
PFAS (total)	ng/L	-	NA	100.32	NA	104.4	NA

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location		MW-119	MW-120	MW-120	MW-121	MW-121
Sample Name		MW-119 FILTERED	MW-120	MW-120 FILTERED	MW-121	MW-121 FILTERED
Sample Date		5/17/2023	5/17/2023	5/17/2023	5/16/2023	5/16/2023
Analyte	Unit	Criteria				
		(1)				

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-121	MW-121	MW-122	MW-122
Sample Name			MW-171	MW-171 FILTERED	MW-122	MW-122 FILTERED
Sample Date			5/16/2023	5/16/2023	5/18/2023	5/18/2023
Analyte	Unit	Criteria	Field Duplicate	Field Duplicate		
		(1)				
Volatile Organic Compounds (VOCs)						
1,3-Dichlorobenzene	ug/L	3	< 1 U	NA	< 1 U	NA
1,4-Dichlorobenzene	ug/L	3	< 1 U	NA	< 1 U	NA
Acetone	ug/L	50	< 50 U	NA	< 50 U	NA
Benzene	ug/L	1	< 1 U	NA	< 1 U	NA
Carbon disulfide	ug/L	60	< 5 U	NA	< 5 U	NA
Chlorobenzene	ug/L	5	< 1 U	NA	< 1 U	NA
Chloroform	ug/L	7	< 2 U	NA	0.43 J	NA
Dichlorodifluoromethane	ug/L	5	< 2 U	NA	< 2 U	NA
Ethylbenzene	ug/L	5	< 1 U	NA	< 1 U	NA
Isopropylbenzene (Cumene)	ug/L	5	< 1 U	NA	< 1 U	NA
Methyl ethyl ketone (2-Butanone)	ug/L	50	< 20 U	NA	< 20 U	NA
Methyl tert-butyl ether (MTBE)	ug/L	10	< 1 U	NA	< 1 U	NA
Methylene chloride	ug/L	5	< 5 U	NA	< 5 U	NA
Toluene	ug/L	5	2.3	NA	< 1 U	NA
Trichloroethylene	ug/L	5	< 1 U	NA	< 1 U	NA
Vinyl chloride	ug/L	2	< 2 U	NA	< 2 U	NA
Xylenes (total)	ug/L	5	< 1 U	NA	< 1 U	NA
Semi Volatile Organic Compounds (SVOCs)						
1,4-Dioxane	ug/L	0.35	0.24	NA	0.085 J	NA
2,4-Dimethylphenol	ug/L	1	< 8 U	NA	< 8 U	NA
2,6-Dinitrotoluene	ug/L	5	< 8 U	NA	< 8 U	NA
2-Methylnaphthalene	ug/L	-	< 4 U	NA	< 4 U	NA
2-Nitroaniline	ug/L	5	< 8 U	NA	< 8 U	NA
3&4-Methylphenol	ug/L	1	< 8 U	NA	< 8 U	NA
4-Methylphenol (p-Cresol)	ug/L	1	NA	NA	NA	NA
4-Nitrophenol	ug/L	1	< 8 U	NA	< 17 U	NA
Bis(2-ethylhexyl)phthalate	ug/L	5	< 8 U	NA	< 8 U	NA
Caprolactam	ug/L	-	< 8 UJ	NA	< 8 U	NA
Carbazole	ug/L	-	< 8 U	NA	< 8 U	NA
Diethyl phthalate	ug/L	50	< 8 U	NA	< 8 U	NA
Di-n-butyl phthalate	ug/L	50	< 8 U	NA	< 8 U	NA
Di-n-octyl phthalate	ug/L	50	< 8 U	NA	< 8 UJ	NA
Naphthalene	ug/L	10	< 4 U	NA	< 4 U	NA
Nitrobenzene	ug/L	0.4	< 8 U	NA	< 8 U	NA
N-Nitroso-di-n-propylamine	ug/L	-	< 8 U	NA	< 8 U	NA
N-Nitrosodiphenylamine	ug/L	50	< 8 U	NA	< 8 U	NA
Phenanthrene	ug/L	50	< 4 U	NA	< 4 U	NA
Phenol	ug/L	1	< 8 U	NA	< 8 U	NA
Pesticides						
4,4'-DDD	ug/L	0.3	< 0.035 U	NA	< 0.035 U	NA
4,4'-DDE	ug/L	0.2	< 0.035 U	NA	< 0.035 U	NA
4,4'-DDT	ug/L	0.2	< 0.035 U	NA	< 0.035 U	NA
Aldrin	ug/L	ND	< 0.043 U	NA	< 0.043 U	NA
alpha-BHC	ug/L	0.01	< 0.043 U	NA	< 0.043 U	NA
beta-BHC	ug/L	0.04	< 0.043 U	NA	< 0.043 U	NA
delta-BHC	ug/L	0.04	< 0.043 UJ	NA	< 0.043 UJ	NA
Dieldrin	ug/L	0.004	< 0.0017 U	NA	< 0.0017 U	NA
Endosulfan I	ug/L	-	< 0.043 U	NA	< 0.043 U	NA
Endosulfan II	ug/L	-	< 0.07 U	NA	< 0.07 U	NA
Endosulfan sulfate	ug/L	-	< 0.07 U	NA	< 0.07 U	NA

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-121	MW-121	MW-122	MW-122
Sample Name			MW-171	MW-171 FILTERED	MW-122	MW-122 FILTERED
Sample Date			5/16/2023	5/16/2023	5/18/2023	5/18/2023
Analyte	Unit	Criteria	Field Duplicate	Field Duplicate		
		(1)				
Endrin	ug/L	ND	< 0.07 U	NA	< 0.07 U	NA
Endrin aldehyde	ug/L	5	< 0.07 U	NA	< 0.07 U	NA
Endrin ketone	ug/L	5	< 0.07 U	NA	< 0.07 U	NA
gamma-BHC (Lindane)	ug/L	0.05	< 0.026 U	NA	< 0.026 U	NA
gamma-Chlordane	ug/L	0.05	NA	NA	NA	NA
Heptachlor	ug/L	0.04	< 0.043 U	NA	< 0.043 U	NA
Heptachlor epoxide	ug/L	0.03	< 0.043 U	NA	< 0.043 U	NA
Hexachlorobenzene	ug/L	0.04	< 0.043 U	NA	< 0.043 U	NA
Methoxychlor	ug/L	35	< 0.43 U	NA	< 0.43 U	NA
Polychlorinated Biphenyls (PCBs)						
Aroclor 1232	ug/L	-	< 0.17 U	< 0.20 U	< 0.17 U	< 0.17 U
Aroclor 1242	ug/L	-	< 0.17 U	< 0.20 U	< 0.17 U	< 0.17 U
Aroclor 1254	ug/L	-	< 0.17 U	< 0.20 U	< 0.17 U	< 0.17 U
Aroclor 1260	ug/L	-	< 0.17 U	< 0.20 U	< 0.17 U	< 0.17 U
PCBs (total)	ug/L	0.09	ND	ND	ND	ND
PCBs Homologues						
Monochlorobiphenyls	ug/L	-	< 0.00099 UJ	< 0.00098 UJ	< 0.00096 U	< 0.0010 U
Dichlorobiphenyls	ug/L	-	< 0.00099 UJ	0.0010	< 0.00096 U	< 0.0010 U
Trichlorobiphenyls	ug/L	-	< 0.002 UJ	< 0.002 U	< 0.0019 U	< 0.0020 U
Tetrachlorobiphenyls	ug/L	-	< 0.002 UJ	0.0022	< 0.0019 U	< 0.0020 U
Pentachlorobiphenyls	ug/L	-	< 0.002 UJ	< 0.002 U	< 0.0019 U	< 0.0020 U
Hexachlorobiphenyls	ug/L	-	< 0.002 UJ	< 0.002 U	< 0.0019 U	< 0.0020 U
Heptachlorobiphenyls	ug/L	-	< 0.003 UJ	< 0.0029 U	< 0.0029 U	< 0.0031 U
Octachlorobiphenyls	ug/L	-	< 0.003 UJ	< 0.0029 U	< 0.0029 U	< 0.0031 U
Nonachlorobiphenyls	ug/L	-	< 0.005 UJ	< 0.0049 U	< 0.0048 U	< 0.0051 U
Decachlorobiphenyls	ug/L	-	< 0.005 UJ	< 0.0049 U	< 0.0048 U	< 0.0051 U
PCB Homologues (total)	ug/L	-	ND	0.0032	ND	ND
Metals						
Aluminum	ug/L	-	3300	< 50 U	210	< 50 U
Antimony	ug/L	3	< 50 U	< 50 U	< 50 U	< 50 U
Arsenic	ug/L	25	< 10 U	< 10 U	< 10 U	< 10 U
Barium	ug/L	1000	180	120	250	240
Beryllium	ug/L	3	< 4 U	< 4 U	< 4 U	< 4 U
Cadmium	ug/L	5	< 4 U	< 4 U	< 4 U	< 4 U
Calcium	ug/L	-	170000	53000	36000	33000
Chromium	ug/L	50	< 10 U	< 10 U	< 10 U	< 10 U
Cobalt	ug/L	-	2.8 J	< 10 U	< 10 U	< 10 U
Copper	ug/L	200	53	< 10 U	< 10 U	< 10 U
Iron	ug/L	300	13000	200	280	< 50 U
Lead	ug/L	25	9.1 J	< 10 U	< 10 U	< 10 U
Magnesium	ug/L	35000	64000	20000	27000	28000
Manganese	ug/L	300	2400	90	670	630
Mercury	ug/L	0.7	< 0.2 U	< 0.2 U	< 0.2 U	< 0.2 U
Nickel	ug/L	100	< 10 U	< 10 U	< 10 U	< 10 U
Potassium	ug/L	-	1400 J	910 J	1500 J	1300 J
Selenium	ug/L	10	< 50 U	< 50 U	< 50 U	< 50 U
Sodium	ug/L	20000	5800	5500	7900	7100
Vanadium	ug/L	-	< 10 U	< 10 U	< 10 U	< 10 U
Zinc	ug/L	2000	30	< 10 U	< 10 U	< 10 U
Miscellaneous						
Cyanide	ug/L	200	< 500 U	NA	< 10 U	NA

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site

Location			MW-121	MW-121	MW-122	MW-122
Sample Name			MW-171	MW-171 FILTERED	MW-122	MW-122 FILTERED
Sample Date			5/16/2023	5/16/2023	5/18/2023	5/18/2023
Analyte	Unit	Criteria	Field Duplicate	Field Duplicate		
		(1)				
Per- and Polyfluoroalkyl Substances (PFAS)						
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ng/L	-	< 20 U	NA	< 1 U	NA
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ng/L	-	< 20 U	NA	< 1 U	NA
Perfluorobutanesulfonic acid (PFBS)	ng/L	-	9.2 J	NA	0.89 J	NA
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	ng/L	-	< 1000 U	NA	< 52 U	NA
Perfluorobutanoic acid (PFBA)	ng/L	-	34 J	NA	4.1 J+	NA
Perfluorodecanoic acid (PFDA)	ng/L	-	< 20 U	NA	< 1 U	NA
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	-	< 20 U	NA	< 1 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	ng/L	-	< 40 U	NA	< 2 U	NA
Perfluoroheptanoic acid (PFHpA)	ng/L	-	< 20 U	NA	2.7	NA
Perfluorohexanesulfonic acid (PFHxS)	ng/L	-	< 20 U	NA	3	NA
Perfluorohexanoic acid (PFHxA)	ng/L	-	29	NA	3.7	NA
Perfluorononanesulfonic acid (PFNS)	ng/L	-	< 20 U	NA	< 1 U	NA
Perfluorononanoic acid (PFNA)	ng/L	-	< 20 U	NA	1.9	NA
Perfluorooctane sulfonamide (FOSA)	ng/L	-	< 20 U	NA	0.38 J	NA
Perfluorooctanesulfonic acid (PFOS)	ng/L	2.7	< 20 U	NA	0.63 J	NA
Perfluorooctanoic acid (PFOA)	ng/L	6.7	< 20 U	NA	14	NA
Perfluoropentanesulfonic acid (PFPeS)	ng/L	-	< 20 U	NA	0.52 J	NA
Perfluoropentanoic acid (PFPA)	ng/L	-	26 J	NA	3.5	NA
Perfluorotetradecanoic acid (PFTeA)	ng/L	-	< 20 U	NA	< 1 U	NA
Perfluoroundecanoic acid (PFUnA)	ng/L	-	< 20 U	NA	< 1 U	NA
13C2-6:2 Fluorotelomer sulfonate	ng/L	-	NA	NA	NA	NA
13C2-8:2 Fluorotelomer sulfonate	ng/L	-	< 80 U	NA	< 4 U	NA
3-Perfluoropropyl propanoic acid (3:3FTCA)	ng/L	-	< 200 U	NA	< 10 U	NA
Hexafluoropropylene oxide dimer acid (HFPO-DA/GenX)	ng/L	-	< 80 U	NA	< 4 U	NA
PFAS (total)	ng/L	-	98.2	NA	35.32	NA

Notes:

Criteria = NYSDEC TOGS (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. June 1998 (includes addendums through 2/2023).

(1) Class GA, Protection for Source of Drinking Water (groundwater)

Table 5-6
Summary of Detected Compounds in Groundwater
Remedial Investigation
Fortino Tire Site



Location			MW-121	MW-121	MW-122	MW-122
Sample Name			MW-171	MW-171 FILTERED	MW-122	MW-122 FILTERED
Sample Date			5/16/2023	5/16/2023	5/18/2023	5/18/2023
Analyte	Unit	Criteria	Field Duplicate	Field Duplicate		
		(1)				

Bold Analyte was detected

Highlight Concentration exceeds Criteria

Definitions:

ft bgs - feet below ground surface

NA - Non Analyzed

B - Indicates the analyte is detected in the associate blank as well as in the sample.

J - Reported concentration is an estimated value.

J+ - Reported concentration is an estimated value, and may be biased high.

J- - Reported concentration is an estimated value, and may be biased low.

NJ - Reported concentration is an estimated value, that has been "tentatively identified".

R - The result was rejected during validation.

U - Analyte was analyzed for but was not detected above the reported limit.

UJ - Analyte was analyzed for but was not detected above the reported limit, but the reported limit is approximate.

Table 7-1
Summary of Contaminants of Concern
Remedial Investigation
Fortino Tire Site

Contaminant of Concern	Media of Concern			
	Surface Soil ⁽¹⁾	Subsurface Soil	Groundwater	Surface Water
Volatile Organic Compounds (VOCs)				
Acetone	X	X		
Benzene			X	
Methyl ethyl ketone	X		X	
Vinyl chloride			X	
Xylenes			X	
Semi Volatile Organic Compounds (SVOCs)				
1,1'-Biphenyl		X		
1,4-Dioxane	X	X	X	
Dibenzofuran	X	X		
Nitrobenzene			X	
2,6-Dinitrotoluene			X	
2-Methylnaphthalene	X	X		
Acenaphthene	X	X		
Acenaphthylene		X		
Anthracene	X	X		
Benzo(a)anthracene	X	X		
Benzo(a)pyrene	X	X		
Benzo(b)fluoranthene	X	X		
Benzo(g,h,i)perylene	X	X		
Benzo(k)fluoranthene	X	X		
Chrysene	X	X		
Dibenz(a,h)anthracene	X	X		
Fluoranthene	X	X		
Fluorene	X	X		
Indeno(1,2,3-cd)pyrene	X	X		
Naphthalene	X	X		
Phenanthrene	X	X		
Pyrene	X	X		
Phenol(s)	X	X	X	
Phthalate(s)	X	X	X	X
Polychlorinated Biphenyls (PCBs)				
Aroclor 1232			X	
Aroclor 1242	X	X	X	
Aroclor 1248	X	X		X
Aroclor 1254	X	X	X	X
Aroclor 1260	X	X	X	X
Aroclor 1268		X		
PCB Homologs				
Monochlorobiphenyls			X	
Dichlorobiphenyls			X	
Trichlorobiphenyls			X	
Tetrachlorobiphenyls			X	
Pentachlorobiphenyls			X	
Hexachlorobiphenyls			X	
Heptachlorobiphenyls			X	
Pesticides				
4,4'-DDD	X	X		
4,4'-DDE	X	X		
4,4'-DDT	X	X		
alpha-BHC		X	X	
beta-BHC	X		X	
delta-BHC			X	
Aldrin	X		X	
Dieldrin	X		X	
Endrin		X	X	

Table 7-1
Summary of Contaminants of Concern
Remedial Investigation
Fortino Tire Site

Contaminant of Concern	Media of Concern			
	Surface Soil ⁽¹⁾	Subsurface Soil	Groundwater	Surface Water
Heptachlor	X	X		
Hexachlorobenzene	X	X	X	
Metals				
Aluminum	X	X		X
Antimony	X	X	X	
Arsenic	X	X	X	
Barium	X	X	X	
Cadmium	X	X	X	
Calcium	X	X		
Chromium	X	X		
Cobalt	X	X		X
Copper	X	X	X	
Iron	X	X	X	X
Lead	X	X	X	
Magnesium			X	
Manganese	X	X	X	
Mercury	X	X		X
Nickel	X	X	X	
Selenium	X	X		
Silver	X	X		
Sodium			X	
Thallium	X			
Vanadium	X			X
Zinc	X	X	X	
Per-and polyfluoroalkyl substances (PFAS)				
PFOA	X	X	X	
PFOS	X	X	X	

Notes:

(1) Includes surface soil from wetland and upland areas

**Table 7-2
Human Health Exposure Assessment
Remedial Investigation
Fortino Tire Site**

Media of Concern	Exposure Pathway	Human Receptors				Human Exposure Assessment
		Short-Term Worker	Visitor / Trespasser	Recreational Visitor	Neighboring Resident	
Surface Soil	Direct Contact (including Incidental Ingestion)	X	X			- Some areas of the Site are uncovered and therefore direct contact with surface soils may occur for on-site receptors. - It is unlikely for off-site receptors to enter the Site and therefore pathways are incomplete.
	Dust Inhalation	X	X	X	X	- Some areas of the Site are uncovered and therefore dust inhalation of surface soils may occur for all on- and off-site receptors. - Dust can be dispersed off-Site by wind dispersion.
Subsurface Soil	Direct Contact (including Incidental Ingestion)	X				- Construction workers may come into direct contact with subsurface soils during ground intrusive work.
Sediment	Direct Contact (including Incidental Ingestion)					- Sediment was initially identified as a medium of concern within the wetland area; however, following an on-site meeting with the NYSDEC Fish and Wildlife team, it was determined that all surficial samples are deemed soil due to the dry and densely vegetated conditions observed. - Sediment is not a medium of concern.
Groundwater	Direct Contact	X				- Construction workers may come into direct contact with groundwater during ground intrusive work.
	Ingestion (as drinking water)				X	- On-Site groundwater is not being used for drinking water. - Some surrounding properties, including two upgradient residences approximately 1,900' north of the ARS area, obtain their drinking water from groundwater sources.
Surface Water	Direct Contact (including Incidental Ingestion)	X	X	X		- There are two surface water bodies within vicinity of the Site - Threemile Creek and a tributary of Scriba Creek, both are Class C surface water bodies which may be used for fishin, recreation and by wildlife. - Construction workers may come into direct contact with surface water during intrusive work on-Site.
Soil Vapor	Indoor Air Inhalation					- There are no buildings on or within vicinity of the Site. - Volatile contaminants identified were either due to laboratory contamination or were present at low levels. - Soil vapor is not a medium of concern.
	Outdoor Air Inhalation					- Contaminants released into the environment as soil vapor would be quickly dispersed and diluted. - Soil vapor is not a medium of concern.
Fish or Wildlife	Consumption			X		- There are two surface water bodies within vicinity of the Site - Threemile Creek and a tributary of Scriba Creek, both are Class C surface water bodies which may be used for fishin, recreation and by wildlife. - The Site and surrounding lands are also located in a rural setting with wooded areas where hunting is possible.

Note:

Shaded - indicates a complete exposure pathway for the relevant receptor