REMEDIAL ACTION REPORT

Property:

Commercial Site
22 South Washington Avenue
Hartsdale, NY 10530

NYSDEC Spill No. 2107529

Prepared for:

22 S Washington LLC
22 South Washington Avenue
Hartsdale, NY 10530

Dated:

May 2022
(Updated June 8, 2022)

Prepared by:

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1.0 INTRODUCTION

Performer Compliance LLC is submitting this Remedial Action Report on behalf Mariani Roofing and Restoration, Inc. (Client). The purpose of the work described in this report was to remove impacted soils identified in a Phase II Environmental Site Assessment Report (PII ESA) prepared by North Consultants, LLC (North) of Danbury, CT in August of 2021. The soil sampling and testing methodology utilized for this project was consistent with the nature of identified and/or suspected compounds of concern, as described in the North report.

2.0 SITE INFORMATION

The Site consists of a rectangular-shaped parcel ±0.40 acres in size, with ±100 ft frontage along the street, improved with a single-story masonry building housing an office and shop, constructed circa 1947. A wooden loading dock against the back wall of the building included a wooden storage shed. An adjacent wooden tool storage shed was located on grade to the south. A sloped concrete ramp with containment walls was located in the yard to accommodate the loading of construction and demolition debris into roll-off vehicles.

The Site is located at 22 South Washington Avenue approximately 300 ft southwest of its intersection with East Hartsdale Avenue in the Town of Hartsdale, Westchester County, NY. The lot is oriented with its long axis northwest to southeast. For the purposes of this report and for consistency with the North Report, Project North will be facing northeast (front of lot at South Washington Avenue). The area in the vicinity of the Site is primarily residential/commercial in character. A general map of the area shows the Site's location in relationship to local and major routes (Figure 1).

The topography of the Site is relatively flat and at street level. The area topography slopes significantly upward across South Washington Avenue to the north. According to the previous PII ESA by North, groundwater flows to the southwest across the Site at 9-12 ft below ground surface (bgs). Sensitive receptors include storm drains on adjacent streets, potential neighboring basements, underground utilities, including municipal sewer. Also, the PII ESA confirmed the presence of silty clays at 3-4 ft bgs, increasing in clay content with depth

3.0 REMEDIAL ACTIVITIES

Remedial site activities consisted of soil excavation, end-point soil sampling, laboratory analysis, soil disposal and site restoration in the areas of concern identified in the North report, as described

below. Barrier Contracting Corp. of Tarrytown, NY (Barrier) performed all excavation and backfill operations as well as directed soil and liquid disposal. Photographic documentation is attached in Appendix A.

3.1 Excavation 1 (Under former elevated storage shed behind building)

The shed, ±120 sf in size, which formerly contained tools and some cleaning products, was demolished to provide access to the underlying soils. Excavation was performed under the shed's footprint. Final excavation dimensions were approximately 11.5 ft wide by 12 ft long by 2 ft deep. Soils were observed to be medium-dark brown sandy silt with cobbles, underlain by clayey-silty soils.

Samples were obtained from the floor at a depth of ±2 ft bgs. Five (5) grab samples were taken, one from each of the four corners and center of the excavation and composited to analyze for Semi-volatile organic compounds (SVOCs), Metals, PCBs and Pesticides. Two (2) grab samples were obtained from the center of the floor, VOC-A from the eastern portion and VOC-B from the western portion of the excavation and analyzed for Volatile organic compounds (VOCs).

3.2 Excavation 2 (Trench along western perimeter)

A trench was dug along the western perimeter fence in the area upon which historical roofing material storage rack was located. Materials such as aluminum gutters, wood and slate roofing tiles were previously stored on sheet metal decking, supported by cement blocks. Soils were found to be medium brown to black silty soil with cobbles, mixed with pieces of brick, coal, wood fragments, slate shingles and tile. Grey silty clay was evidenced, starting at ±4 ft bgs. These native soils exhibited increasing clay content with depth. Based on anecdotal evidence, it appears that such materials were deposited there by prior owners. There was no field-evidence of petroleum impact. Final excavation dimensions were approximately 6 ft wide by 69 ft long by 6 ft deep.

Soil sampling was performed in stages as follows:

On December 2, 2021, a trench was excavated to ±3 ft bgs and 3-4 ft wide. Six (6) grab samples were taken from the floor centerline at equidistant representative points, separated by no more than 15 ft and composited to produce Sample IDs Excav 2-SVOC, Excav 2-Metals, Excav 2-PCB/Pest. The samples were analyzed for SVOCs, Metals, PCBs and Pesticides, respectively.

Based upon lab analysis, it was determined that further excavation would be necessary to remove residually-impacted soils. The trench was deepened to ±4 ft bgs and widened to ±6 ft. Further

lateral excavation to the west was impracticable due to property line constraints. On December 31, 2021, the excavation was resampled as before.

Based upon the diminished concentrations of Metals, the absence of PCBs and Pesticides and the continued presence of SVOCs above NYSDEC Soil Cleanup Objectives (SCOs), the trench was further deepened to ±6 ft bgs and sampled in the floor and walls in two parts, as follows:

On February 2, 2022, the north wall was sampled for SVOCs at 3-4 ft bgs, the northern half of the east wall at 5 ft bgs and the northern half of the floor at ±6 ft bgs. The north wall sample was a composite of two (2) grab samples and the east wall and floor samples were each composited from three (3) representative grab samples along the floor centerline.

The next day, on February 3, 2022, the southern half of the east wall was sampled for SVOCs at ±5 ft bgs and the southern half of the floor at ±6 ft bgs.

On February 9, 2022, the south wall, as well as the entire east wall and west wall were sampled at 3-4 ft bgs. Six (6) grab samples were taken from equidistant points along each of the east and west walls and combined in equal aliquots to prepare the two (2) composite samples.

3.3 Excavation 3 (Southeastern area of yard)

A rectangular area approximately 33 ft by 30 ft by 2 ft deep was excavated in the southeastern portion of the Site where container storage was historically located. Several containers were formerly staged above ground upon concrete pylons approximately 3 ft in height. Soils encountered were medium brown sandy silty soils with cobbles and some boulders. There was no field-evidence of petroleum impact.

Samples were obtained from the floor at a depth of ±2 ft bgs. Five (5) grab samples were taken, one from each of the four corners and center of the excavation and composited to analyze for SVOCs and Metals.

3.4 Dry Well 1 (Near storage shed behind building)

The surface grate was removed and concrete collar demolished for better access to the dry well. An octangular perforated concrete leaching ring extended to a depth of ±4 ft. Two (2) 4-inch plastic piping conduits penetrate the upper portion of the well to the south. It was subsequently determined that one conduit receives water from the building's roof drains and the other receives overflow from Dry Well 2.

Soils within the dry well were found to be dark grey silty muck. Some perched water was present due to recent rain events. In order to preserve the integrity of the dry well for intended future use, excavation was accomplished via a combination of mini-excavator, hand shovel and finally by hydro-vac.

On December 1, 2021, soils within the dry well were removed to a depth of ±7 ft bgs. A grab sample (Drywell-VOCs) was taken from the center of the floor and analyzed for VOCs. Two (2) representative grab samples were taken within the floor and composited to produce Sample ID Drywell-SVOCs, to analyze for SVOCs.

On December 29, 2021, a hydro-vac was utilized to more fully remove impacted soils from the floor and sides below the concrete leaching ring to ±9 ft. For VOC analysis, two (2) grab samples were taken, one from the east wall and one from the west wall; Sample IDs Drywell 1-VOC-A, Drywell1-VOC-B, respectively. Four (4) grab samples were taken from the floor and three equidistant representative points in the walls and composited to form Sample ID Drywell 1- SVOC to analyze for SVOCs.

3.5 Dry Well 2 (Center of yard near roll-off pit)

The dry well was discovered during the course of operations in the effort to determine the terminuses of piping conduit exiting Dry Well 1 and exiting a catch basin within the fore-mentioned concrete roll-off ramp. A ground-penetrating radar survey and electromagnetic scan was performed to identify the underground structure as well as determine the piping conduit routes.

The overburden was removed and the top of the dry well was uncovered at ±4 ft below grade. The inspection cover was removed and the dry well was gauged to be full. The collected water and several inches of bottom sediment was removed via hydro-vac and transported off site for recycling. There was no discernable odor and no petroleum sheen observed in any of the materials encountered.

Excavation continued around the sides of the dry well to reveal an octangular concrete leaching ring approximately 6 ft in diameter and 4 ft in length extending to a total depth of ±9 ft below grade. Two (2) 4-inch plastic piping conduits penetrate the upper portion of the wall to the northeast. Upon further examination, it was determined that one conduit receives water from the roll-off pit catch basin and the other conduit directs overflow to Dry Well 1. Excavated materials primarily consisted of ¾-inch gravel which was originally installed to facilitate leaching from the dry well. There was no evidence of petroleum staining or odor in any of the soils and gravel encountered.

Samples were obtained from the sediment at ±8 ft bgs, as well as within the denser clay soils below at ±9 ft. A grab sample (Drywell 2-SED-VOC) was taken from the center of the dry well and analyzed for VOCs. Three grab samples were taken within the sediment and composited to produce Sample ID Drywell 2-SED-SVOC, which was analyzed for SVOCs. A grab sample (Drywell 2-Floor-VOC) was taken within the center portion of the floor and analyzed for VOCs. Two composite samples were produced, each from three (3) representative grab samples within the floor and analyzed for SVOCs and Metals. These samples are denoted as Drywell 2-Floor-SVOC and Drywell 2-Floor-Metals.

3.6 Catch Basin (Bottom of roll-off pit)

The catch basin grate was removed and the basin was visually inspected. It was confirmed to be constructed of poured concrete walls and floor approximately 2 ft square by 2 ft deep. A 4-inch plastic piping conduit exits the upper portion of the basin and directs overflow to Dry Well 2. The basin contained several inches of soil, heavily weathered organic debris and muck, with no standing water. There was slight petroleum staining and odor within the soils. Once cleaned of all accumulated materials, the basin was visually inspected and found to be fully intact, with no evidence that the concrete walls and floor were compromised.

3.7 Driveway (western edge)

In the North PII ESA, three (3) borings were advanced along the western perimeter, including two (2) within the Excavation 2 footprint and one (1) approximately 40 ft north at the western edge of the driveway. The samples were then composited and the results were utilized to inform the dimensions of Excavation 2. In order to distinguish the driveway area from Excavation 2, Barrier hand-augered at the boring location and soils were sampled at a depth consistent with North's original sample protocol and depth. Thus, a soil sample was taken for analysis of SVOCs, Metals, PCBs and Pesticides at ±3 ft bgs. Soils were light brown silty clay with no field evidence of petroleum impact or odor.

4.0 SAMPLING AND ANALYTICAL RESULTS

4.1 Sampling Procedure

Post-excavation evaluation included visual and olfactory analyses of soils within the excavated areas. Additionally, field-screening was performed with a calibrated RAE Systems Mini Rae 3000 portable Photo-ionization detector (PID).

Representative grab samples were taken for VOC analyses and representative composite samples were taken for SVOC analyses. All sampling was biased towards the highest indication of contamination. Samples were taken at points 6-8 inches into the walls or floor for accurate representation without interference from weather conditions.

Soil samples were immediately containerized in appropriate sterilized glass jars and/or viles, labeled, then placed in coolers for preservation during storage and transportation to the laboratory. Chain of Custody forms were completed for each set of samples. The soil samples were stored in coolers and transferred to Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut, a NYSDOH and NELAC - certified environmental laboratory.

VOCs were analyzed according to Reference Method USEPA SW8260C. SVOCs were analyzed according to Reference Method USEPA SW8270D. Metals were analyzed according to Reference Method USEPA SW6010D – 13 Priority Pollutants (PP-13). PCBs and Pesticides were analyzed according to Reference Method USEPA SW8081B.

The analytical reference strategies were consistent with Soil Cleanup Objectives (SCOs) as stated in NYSDEC CP-51 Soil Cleanup Guidance Policy [1] and 6 NYCRR Part 375; Protection of Public Health-Residential [2].

The Site Plan attached as Figure 2 denotes the excavation locations.

4.2 Analytical Results

4.2.1 Excavation 1 (Under former elevated storage shed behind building)

Soil samples were taken at ±2 ft bgs in the floor. Samples were non-detectable (ND) or below SCOs for all analyzed parameters with the exception of slight exceedances in Copper, Lead and Zinc.

SAMPLE ID	LAB ANALYSIS	RESULT
Excav 1-SVOC	SVOCs (CP-51 STARS)	Below ND or SCOs
Excav 1-Metals	Metals (PP-13)	Below SCOs or ND except Copper at 128/50, Lead at 226/63 and Zinc at 167/109 ppm
Excav 1-PCB/Pest	PCBs	ND
	Pesticides	ND
Excav 1-VOC-A	VOCs (CP-51 STARS)	ND
Excav 2-VOC-B	VOCs (CP-51 STARS)	ND

4.2.2 Excavation 2 (Trench along western perimeter)

Initially, the floor was sampled at ±3 ft bgs. For SVOCs, Metals, PCBs and Pesticides. The excavation was subsequently deepened and widened. Initial SVOC wall samples were taken on Feb 2-3, 2022, at ±5 ft bgs, within the native silty clay soils of the east wall. Results were ND or well below SCOs. Similar native soils were present on both sides of the trench from that level downward, with no discernable odor or discoloration and "0" PID readings.

In order to characterize the overlying non-native fill, subsequent east and west wall SVOC sampling was performed at 3-4 ft bgs. SVOC floor samples were taken at ±6 ft bgs. Samples were ND or below SCOs for all analyzed parameters with the exception of slight exceedances in six (6) SVOCs in the north wall and one pesticide in the floor.

SAMPLE ID	LAB ANALYSIS	RESULT
WALL-N	SVOCs (CP-51 STARS)	ND or below SCOs except six (6) COCs slightly exceeding SCOs
WALL-S	SVOCs (CP-51 STARS)	ND or Below SCOs
WALL-E	SVOCs (CP-51 STARS)	ND or Below SCOs
WALL-W	SVOCs (CP-51 STARS)	ND or Below SCOs
FLOOR	SVOCs (CP-51 STARS)	ND or Below SCOs
	Metals (PP-13)	ND or Below SCOs
	PCBs	ND
	Pesticides	ND except 4,4'-DDT at 9.6/3.3 ppb

4.2.3 Excavation 3 (Southeastern area of yard)

Soil samples were taken at ±2 ft bgs in the floor. Samples were ND or below SCOs for all analyzed parameters with the exception of slight exceedances in three (3) metals (Copper, Nickel and Zinc).

SAMPLE ID	LAB ANALYSIS	RESULT
Excav 3-SVOC	SVOCs (CP-51 STARS)	Below SCOs or ND
Excav 3-Metals	Metals (PP-13)	Below SCOs or ND except for slight exceedances in Copper at 60.4/50, Nickel at 30.1/30 and Zinc at 114/109 ppm

4.2.4 Dry Well 1 (Near storage shed behind building)

After deepening excavation to ±9 ft bgs, VOCs were ND and SVOCS were ND or below SCOs.

SAMPLE ID	LAB ANALYSIS	RESULT
Dry Well-VOCs	VOCs (Full List)	12/1/22 (±7 ft bgs): ND except 470/260 ppb Total Xylenes
Dry Well-SVOCs	SVOCs (CP-51 STARS)	12/1/21 (±7 ft bgs): ND or below SCOs
Dry Well 1-VOC-A	VOCs (CP-51 STARS)	12/29/21 (±9 ft bgs): ND
Dry Well 1-VOC-B	VOCs (CP-51 STARS)	12/29/21 (±9 ft bgs): ND
Dry Well 1-SVOC	SVOCs (CP-51 STARS)	12/29/21 (±9 ft bgs): ND or below SCOs

4.2.5 Dry Well 2 (Center of yard near roll-off pit)

The floor was sampled at ±9 ft bgs. Samples were ND or below SCOs for all analyzed parameters.

SAMPLE ID	LAB ANALYSIS	RESULT
Dry Well 2-Floor-SVOC	SVOCs (CP-51 STARS)	ND
Dry Well 2-Floor-VOC	VOCs (CP-51 STARS)	ND with 124-Trimethylbenzene significantly below SCO
Dry Well 2-Floor-Metals	Metals (PP-13)	Below SCOs or ND

4.2.6 Catch Basin (Bottom of roll-off pit)

No sampling was required. The catch basin was cleaned of debris and visually inspected.

4.2.7 Driveway (western edge)

Soil samples were taken at ±3 ft bgs. Samples were ND or below SCOs for all analyzed parameters with the exception of slight exceedances in one (1) SVOC and two (2) pesticides.

SAMPLE ID	LAB ANALYSIS	RESULT
Driveway-SVOC	SVOCs (CP-51 STARS)	Below SCOs or ND except Indeno(1,2,3-cd)pyrene slightly exceeding SCO at 590/500 ppb
Driveway-Metals	Metals (PP-13)	Below SCOs or ND
Driveway-PCBs/ Pest	PCBs	ND
	Pesticides	ND except 4,4-DDE at 7.3/3,3 ppb and 4,4-DDT at 36/3.3 ppb

A summary of analytical results is provided as Table 1 and Table 2. Laboratory analytical reports are attached in Appendix B.

5.0 WASTE MANAGEMENT

5.1 Liquid Disposal

10.75 tons of standing water (oily solids) were removed from Dry Well 1 and Dry Well 2 by Moran Environmental Services of Newtown, CT (USEPA ID No. FLD092718576) and transported for recycling to Tradebe Treatment and Recycling of Bridgeport in Bridgeport, CT (USEPA ID No. CTD002593887). The liquid disposal manifest is attached in Appendix C.

5.2 Soil Disposal

All excavated soils were temporarily stockpiled in the southwestern portion of the Site. The soils were placed on 6 mil plastic liner and covered with same to prevent leaching and provide weather protection.

All stockpiled soils were removed on 4-11-22 – 4-12-22 by Soil Safe Inc of Columbia, MD and transported for recycling at Posillico Materials, LLC of Farmingdale, NY.

The soil disposal manifests are attached in Appendix C.

6.0 SITE RESTORATION

All backfill consisted of virgin quarry product (QP), imported from Thalle Industries Fishkill Quarry in Fishkill, NY. Excavations 1, 2 and 3 were backfilled with Item 4 QP. Dry Well 1 was backfilled with Item 4 QP to the bottom of the concrete sleeve; then in order to provide adequate permeability, ¾-inch QP clean washed stone was installed above to a level 3-4 inches below the influent and effluent piping conduits. The excavated area surrounding Dry Well 2 was backfilled to grade with the previously removed gravel. QP delivery receipts are attached in Appendix D

7.0 CONCLUSIONS AND RECOMMENDATIONS

In consideration of the above facts, observations, activities and analytical data, remedial actions have resulted in re-establishing site conditions protective of groundwater, human health and the environment, as per NYSDEC directives. Post-excavation soil results from the areas of concern indicate a minor residual presence of some target COCs, which are susceptible to natural attenuation. Groundwater was not encountered during excavation operations, and is present at a depth greater than 9 ft across the Site, overlain by highly impermeable clay soils which were

encountered at a general depth of ±4 ft across the Site. Further routes of exposure are negligible due to the absence of potable wells proximate to the Site and urban nature of the downgradient area, covered with mostly impervious surfaces. Additionally, planned development of the Site is for a paved parking lot, further reducing routes of exposure. Therefore, PCLLC recommends no further action and closure of the subject spill case.

UPDATE: *Upon regulatory review, the Spill Incident was closed by NYSDEC on June 6, 2022. A copy of the Spill Closure Record is attached in Appendix E.*

8.0 CERTIFICATION STATEMENT

I, Gary Giglio, declare, to the best of my professional knowledge and belief, that I meet the definition of *Environmental Professional* as defined in §312.10 of EPA 40 CFR 312 and that I have the specific qualifications based on education, training, and experience to perform the above-described work and to assess properties with the nature, history, and setting of the subject Site.

9.0 REFERENCES

1. CP-51 / Soil Cleanup Guidance, NYS Department of Environmental Conservation, DEC Policy, Date Issued: Oct 21, 2010
2. 6NYCRR Part 375, Division of Environmental Remediation, Environmental Remediation Programs, Date Issued: Dec 14, 2006

Please feel free to contact me by email at gary@performercompliance.com or by phone at 914-941-0520 with any questions regarding this document.

Gary Giglio
Managing Member, Performer Compliance LLC

TABLES

TABLE 1

22 S WASHINGTON AV HARTSDALE NY 10530

POST-EXCAVATION SOIL SAMPLING ANALYTICAL RESULTS - Excav 1, 2, 3

SAMPLE LOCATION					EXCAV 1								EXCAV 2																		EXCAV 3	
SAMPLING DATE	CAS	Units	NYSDEC 375 RESID	NYSDEC CP-51	12/1/2021		12/1/2021		12/1/2021		12/1/2021		12/2/2021		12/2/2021		12/31/2021		12/31/2021		2/2/2022		2/2/2022		2/2/2022		2/3/2022		2/3/2022		2/9/2022		2/9/2022		2/9/2022		12/4/2021		12/4/2021	
SAMPLE ID					Excav 1 - SVOC		Excav 1 - Metals		Excav 1 - PCB/Pest		Excav 1 - VOC-A		Excav 2 - Metals		Excav 2 - PCBs/Pest		Excav 2 -SVOC		Excav 2 - SVOCs		Excav 2 - Metals		Excav 2 - PCB/Pest		Excav 2 - Wall-N		Excav 2 - Floor-N		Excav 2 - E Wall-N		Excav 2 - Floor-S		Excav 2 - E Wall-S		Excav 2 - W Wall		Excav 2 - E Wall		Excav 2 - S Wall		Excav 3 - SVOC		Excav 3 - Metals	
SAMPLE TYPE					Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
SAMPLE DEPTH (FT)					2		2		2		2		3		3		3		4		4		4		3.5		6		5		6		5		3.5		3.5		2		2	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Metals, Total							**Metals**						**Metals**						**Metals**																				**Metals**	
Antimony	7440-36-0	mg/Kg	NS				< 3.7	3.7					< 3.8	3.8					< 3.9	3.9																			< 3.9	3.9
Arsenic	7440-38-2	mg/Kg	16				4.4	0.74					2.43	0.75					4.31	0.77																			1.98	0.77
Beryllium	7440-41-7	mg/Kg	14				0.5	0.3					0.41	0.3					0.55	0.31																			< 0.31	0.31
Cadmium	7440-43-9	mg/Kg	2.5				1.92	0.37					2.03	0.38					1.4	0.39																			1.22	0.39
Chromium	7440-47-3	mg/Kg	NS				35.6	0.37					41.5	0.38					39.4	0.39																			54.3	0.39
Copper	7440-50-8	mg/Kg	270				128	0.7					57.7	0.8					78	0.8																			60.4	0.8
Lead	7439-92-1	mg/Kg	400				226	0.37					108	0.38					72.4	0.39																			13.6	0.39
Mercury	7439-97-6	mg/Kg	0.81				< 0.03	0.03					0.06	0.03					0.05	0.03																			< 0.03	0.03
Nickel	7440-02-0	mg/Kg	140				24.7	0.37					24.6	0.38					38.5	0.39																			30.1	0.39
Selenium	7782-49-2	mg/Kg	36				< 1.5	1.5					< 1.5	1.5					< 1.5	1.5																			< 1.5	1.5
Silver	7440-22-4	mg/Kg	36				< 0.37	0.37					< 0.38	0.38					< 0.39	0.39																			< 0.39	0.39
Thallium	7440-28-0	mg/Kg	NS				< 3.3	3.3					< 3.4	3.4					< 3.5	3.5																			< 3.5	3.5
Zinc	7440-66-6	mg/Kg	2200				167	0.7					173	0.8					351	0.8																			114	0.8
PCBs By SW8082A									**PCBs**						**PCBs**						**PCBs**																			
PCB-1016	12674-11-2	ug/Kg		1,000					< 390	390					< 360	360					< 390	390																			
PCB-1221	11104-28-2	ug/Kg		1,000					< 390	390					< 360	360					< 390	390																			
PCB-1232	11141-16-5	ug/Kg		1,000					< 390	390					< 360	360					< 390	390																			
PCB-1242	53469-21-9	ug/Kg		1,000					< 390	390					< 360	360					< 390	390																			
PCB-1248	12672-29-6	ug/Kg		1,000					< 390	390					< 360	360					< 390	390																			
PCB-1254	11097-69-1	ug/Kg		1,000					< 390	390					< 360	360					< 390	390																			
PCB-1260	11096-82-5	ug/Kg		1,000					< 390	390					< 360	360					< 390	390																			
PCB-1262	37324-23-5	ug/Kg		1,000					< 390	390					< 360	360					< 390	390																			
PCB-1268	11100-14-4	ug/Kg		1,000					< 390	390					< 360	360					< 390	390																			
Pesticides - Soil - SW8081B									**Pesticides**						**Pesticides**						**Pesticides**																			
4,4'-DDD	72-54-8	ug/Kg	2600						< 2.4	2.4					< 2.2	2.2					< 2.3	2.3																			
4,4'-DDE	72-55-9	ug/Kg	1800						< 2.4	2.4					< 3.0	3					< 2.3	2.3																			
4,4'-DDT	50-29-3	ug/Kg	1700						< 2.4	2.4					9.6	2.2					< 3.0	3																			
a-BHC	319-84-6	ug/Kg	97						< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
a-Chlordane	5103-71-9	ug/Kg	910						< 3.9	3.9					< 3.6	3.6					< 3.9	3.9																			
Aldrin	309-00-2	ug/Kg	19						< 3.9	3.9					< 3.6	3.6					< 3.9	3.9																			
b-BHC	319-85-7	ug/Kg	72						< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
Chlordane	57-74-9	ug/Kg							< 39	39					< 36	36					< 39	39																			
d-BHC	319-86-8	ug/Kg	100000						< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
Dieldrin	60-57-1	ug/Kg	39						< 3.9	3.9					< 3.6	3.6					< 3.9	3.9																			
Endosulfan I	959-98-8	ug/Kg	4800						< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
Endosulfan II	33213-65-9	ug/Kg	4800						< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
Endosulfan sulfate	1031-07-8	ug/Kg	4800						< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
Endrin	72-20-8	ug/Kg	2200						< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
Endrin aldehyde	7421-93-4	ug/Kg							< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
Endrin ketone	53494-70-5	ug/Kg							< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
g-BHC	58-89-9	ug/Kg	280						< 1.6	1.6					< 1.4	1.4					< 1.6	1.6																			
g-Chlordane	5103-74-2	ug/Kg		540					< 3.9	3.9					< 3.6	3.6					< 3.9	3.9																			
Heptachlor	76-44-8	ug/Kg	420						< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
Heptachlor epoxide	1024-57-3	ug/Kg		77					< 7.9	7.9					< 7.2	7.2					< 7.8	7.8																			
Methoxychlor	72-43-5	ug/Kg		100000					< 39	39					< 36	36					< 39	39																			
Toxaphene	8001-35-2	ug/Kg							< 160	160					< 140	140					< 160	160																			
Semivolatiles-STARS/CP-51 By SW8270D					**SVOCs**												**SVOCs**		**SVOCs**																					
Acenaphthene	83-32-9	ug/Kg	100000	20,000	< 280	280											4800	250	4200	270					450	280	< 310	310	< 280	280	700	300	370	330	< 290	290	350	270	< 300	300	< 250	250
Acenaphthylene	208-96-8	ug/Kg	100000	100,000	< 280	280											< 250	250	< 270	270					< 280	280	< 310	310	< 280	280	< 300	300	< 330	330	< 290	290	< 270	270	< 300	300	< 250	250
Anthracene	120-12-7	ug/Kg	100000	100,000	< 280	280											6100	250	6100	270					680	280	< 310	310	< 280	280	< 300	300	< 330	330	590	290	450	270	< 300	300	< 250	250
Benz(a)anthracene	56-55-3	ug/Kg	1000	1000	< 280	280											28000	2500	18000	2700					1400	280	< 310	310	380	280	< 300	300	< 330	330	1900	290	1800	270	420	300	570	250
Benzo(a)pyrene	50-32-8	ug/Kg	1000	1000	< 280	280											27000	2500	16000	2700					1300	280	< 310	310	330	280	< 300	300	< 330	330	1900	290	1900	270	390	300	520	250
Benzo(b)fluoranthene	205-99-2	ug/Kg	1000	1000	< 280	280											27000	2500	15000	2700					1200	280	< 310	310	290	280	< 300	300	< 330	330	1900	290	1700	270	380	300	490	250
Benzo(ghi)perylene	191-24-2	ug/Kg	100000	100,000	< 280	280											15000	2500	10000	2700					870	280	< 310	310	< 280	280	< 300	300	< 330	330	990	290	1000	270	< 300	300	300	250
Benzo(k)fluoranthene	207-08-9	ug/Kg	1000	800	< 280	280											23000	2500	14000	2700					980	280	< 310	310	290	280	< 300	300	< 330	330	1900	290	1600	270	380	300	550	250
Chrysene	218-01-9	ug/Kg	1000	1000	< 280	280											27000	2500	18000	2700					1400	280	< 310	310	360	280	< 300	300	< 330	330	2100	290	2000	270	460	300	580	250
Dibenz(a,h)anthracene	53-70-3	ug/Kg	330	330	< 280	280											4100	250	4200	270					< 280	280	< 310	310	< 280	280	< 300	300	< 330	330	< 290	290	270	270	< 300	300	< 250	250
Fluoranthene	206-44-0	ug/Kg	100000	100,000	490	280											47000	2500	45000	2700					3600	280	350	310	970	280	< 300	300	340	330	4500	290	4000	270	950	300	1200	250
Fluorene	86-73-7	ug/Kg	100000	30,000	< 280	280											3000	250	4400	270					400	280	< 310	310	< 280	280	< 300	300	< 330	330	< 290	290	< 270	270	< 300	300	< 250	250
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	500	500	< 280	280											20000	2500	11000	2700					960	280	< 310	310	< 280	280	< 300	300	< 330	330	1200	290	1300	270	< 300	300	360	250
Naphthalene	91-20-3	ug/Kg	100000	12,000	< 280	280											950	250	2000	270					280	280	< 310	310	< 280	280	< 300	300	< 330	330	< 290	290	< 270	270	< 300	300	< 250	250
Phenanthrene	85-01-8	ug/Kg	100000	100,000	280	280											33000	2500	38000	2700					2600	280	370	310	780	280	< 300	300	< 330	330	2400	290	2100	270	560	300	640	250
Pyrene	129-00-0	ug/Kg	100000	100,000	430	280											42000	2500	37000	2700					3000	280	< 310	310	860	280	< 300	300	< 330	330	3800	290	3400	270	790	300	1000	250
Volatiles- STARS/CP-51 By SW8260C											**VOC-A**		**VOC-B**																											
1,2,4-Trimethylbenzene	95-63-6	ug/Kg		3600							< 0.98	0.98	< 0.86	0.86																											
1,3,5-Trimethylbenzene	108-67-8	ug/Kg		8400							< 0.98	0.98	< 0.86	0.86																											
Benzene	71-43-2	ug/Kg		60							< 2.0	2.0	< 1.7	1.7																											
Ethylbenzene	100-41-4	ug/Kg		1000							< 2.0	2.0	< 1.7	1.7																											
Isopropylbenzene	98-82-8	ug/Kg		NS							< 0.98	0.98	< 0.86	0.86																											
m&p-Xylene	179601-23-1	ug/Kg		NS							< 2.0	2.0	< 1.7	1.7																											
Methyl t-Butyl Ether (MTBE)	1634-04-4	ug/Kg		930							< 0.98	0.98	< 0.86	0.86																											
Naphthalene	91-20-3	ug/Kg		12000							< 0.98	0.98	< 0.86	0.86																											
n-Butylbenzene	104-51-8	ug/Kg		12000							< 0.98	0.98	< 0.86	0.86																											
n-Propylbenzene	103-65-1	ug/Kg		3900							< 0.98	0.98	< 0.86	0.86																											
o-Xylene	95-47-6	ug/Kg		NS							< 2.0	2.0	< 1.7	1.7																											
p-Isopropyltoluene	99-87-6	ug/Kg		NS							< 0.98	0.98	< 0.86	0.86																											
sec-Butylbenzene	135-98-8	ug/Kg		11000							< 0.98	0.98	< 0.86	0.86																											
tert-Butylbenzene	98-06-6	ug/Kg		5900							< 0.98	0.98	< 0.86	0.86																											
Toluene	108-88-3	ug/Kg		700							< 2.0	2.0	< 1.7	1.7																											
Total Xylenes	1330-20-7	ug/Kg		260							< 2.0	2.0	< 1.7	1.7																											
Semivolatiles By SW8270D																	**SVOCs**																							
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg															< 260	260																							
1,2,4-Trichlorobenzene	120-82-1	ug/Kg															< 260	260																							
1,2-Dichlorobenzene	95-50-1	ug/Kg	100000														< 260	260																							
1,2-Diphenylhydrazine	122-66-7	ug/Kg															< 370	370																							
1,3-Dichlorobenzene	541-73-1	ug/Kg	17000														< 260	260																							
1,4-Dichlorobenzene	106-46-7	ug/Kg	9800														< 260	260																							
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/Kg															< 260	260																							
2,4,5-Trichlorophenol	95-95-4	ug/Kg		100000													< 260	260																							
2,4,6-Trichlorophenol	88-06-2	ug/Kg															< 260	260																							
2,4-Dichlorophenol	120-83-2	ug/Kg															< 260	260																							
2,4-Dimethylphenol	105-67-9	ug/Kg															< 260	260																							
2,4-Dinitrophenol	51-28-5	ug/Kg		100000													< 370	370																							
2,4-Dinitrotoluene	121-14-2	ug/Kg															< 260	260																							
2,6-Dinitrotoluene	606-20-2	ug/Kg		1030													< 260	260																							
2-Chloronaphthalene	91-58-7	ug/Kg															< 260	260																							
2-Chlorophenol	95-57-8	ug/Kg		100000													< 260	260																							
2-Methylnaphthalene	91-57-6	ug/Kg		410													1000	260																							
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	100000														< 260	260																							
2-Nitroaniline	88-74-4	ug/Kg															< 370	370																							
2-Nitrophenol	88-75-5	ug/Kg															< 260	260																							
3&4-Methylphenol (m&p-cresol)	PHNX - M&P Cr	ug/Kg															< 370	370																							
3,3'-Dichlorobenzidine	91-94-1	ug/Kg															< 260	260																							
3-Nitroaniline	99-09-2	ug/Kg															< 370	370																							
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg															< 370	370																							
4-Bromophenyl phenyl ether	101-55-3	ug/Kg															< 370	370																							
4-Chloro-3-methylphenol	59-50-7	ug/Kg															< 260	260																							
4-Chloroaniline	106-47-8	ug/Kg		100000													< 260	260																							
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg															< 260	260																							
4-Nitroaniline	100-01-6	ug/Kg															< 590	590																							
4-Nitrophenol	100-02-7	ug/Kg															< 260	260																							

TABLE 1

22 S WASHINGTON AV HARTSDALE NY 10530

POST-EXCAVATION SOIL SAMPLING ANALYTICAL RESULTS - Excav 1, 2, 3

SAMPLE LOCATION	CAS	Units	NYSDEC 375 RESID	NYSDEC CP-51	EXCAV 1					EXCAV 2														EXCAV 3	
SAMPLING DATE					12/1/2021	12/1/2021	12/1/2021	12/1/2021	12/1/2021	12/2/2021	12/2/2021	12/2/2021	12/31/2021	12/31/2021	12/31/2021	2/2/2022	2/2/2022	2/2/2022	2/3/2022	2/3/2022	2/9/2022	2/9/2022	2/9/2022	12/4/2021	12/4/2021
SAMPLE ID					Excav 1 - SVOC -2	Excav 1 - Metals 2	Excav 1 - PCB/Pest 2	Excav 1 - VOC-A 2	Excav 1 - VOC-B 2	Excav 2 - Metals 3	Excav 2 - PCBs/Pest 3	Excav 2 -SVOC 3	Excav 2 - SVOCs 4	Excav 2 - Metals 4	Excav 2 - PCB/Pest 4	Excav 2 - Wall-N 3.5	Excav 2 - Floor-N 6	Excav 2 - E Wall-N 5	Excav 2 - Floor-S 6	Excav 2 - E Wall-S 5	Excav 2 - W Wall 3.5	Excav 2 - E Wall 3.5	Excav 2 - S Wall 3.5	Excav 3 - SVOC 2	Excav 3 - Metals 2
SAMPLE TYPE					Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE DEPTH (FT)					Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL	Result RL
Acenaphthene	83-32-9	ug/Kg	100000	20000								11000 2600													
Acenaphthylene	208-96-8	ug/Kg	100000	100000								280 260													
Acetophenone	98-86-2	ug/Kg										< 260 260													
Aniline	62-53-3	ug/Kg		48								< 370 370													
Anthracene	120-12-7	ug/Kg	100000	100000								6600 260													
Benz(a)anthracene	56-55-3	ug/Kg	1000	1000								27000 2600													
Benzidine	92-87-5	ug/Kg										< 260 260													
Benzo(a)pyrene	50-32-8	ug/Kg	1000	1000								37000 2600													
Benzo(b)fluoranthene	205-99-2	ug/Kg	1000	1000								39000 2600													
Benzo(ghi)perylene	191-24-2	ug/Kg	100000	100000								24000 2600													
Benzo(k)fluoranthene	207-08-9	ug/Kg	1000	800								21000 2600													
Benzoic acid	65-85-0	ug/Kg		100000								< 730 730													
Benzyl butyl phthalate	85-68-7	ug/Kg		100000								< 260 260													
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg										< 260 260													
Bis(2-chloroethyl)ether	111-44-4	ug/Kg										< 370 370													
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg										< 370 370													
Carbazole	86-74-8	ug/Kg										6800 370													
Chrysene	218-01-9	ug/Kg	1000	1000								42000 2600													
Di-n-butylphthalate	84-74-2	ug/Kg		100000								< 370 370													
Di-n-octylphthalate	117-84-0	ug/Kg		100000								< 260 260													
Dibenz(a,h)anthracene	53-70-3	ug/Kg	330	330								7400 260													
Dibenzofuran	132-64-9	ug/Kg	14000									2700 260													
Diethyl phthalate	84-66-2	ug/Kg		100000								< 260 260													
Dimethylphthalate	131-11-3	ug/Kg		100000								< 260 260													
Fluoranthene	206-44-0	ug/Kg	100000	100000								93000 26000													
Fluorene	86-73-7	ug/Kg	100000	30000								4800 260													
Hexachlorobenzene	118-74-1	ug/Kg	330									< 260 260													
Hexachlorobutadiene	87-68-3	ug/Kg										< 260 260													
Hexachlorocyclopentadiene	77-47-4	ug/Kg										< 260 260													
Hexachloroethane	67-72-1	ug/Kg										< 260 260													
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	500	500								23000 2600													
Isophorone	78-59-1	ug/Kg		100000								< 260 260													
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg										< 260 260													
N-Nitrosodimethylamine	62-75-9	ug/Kg										< 370 370													
N-Nitrosodiphenylamine	86-30-6	ug/Kg										< 370 370													
Naphthalene	91-20-3	ug/Kg	100000	12000								2000 260													
Nitrobenzene	98-95-3	ug/Kg		3700								< 260 260													
Pentachloronitrobenzene	82-68-8	ug/Kg										< 370 370													
Pentachlorophenol	87-86-5	ug/Kg	2400									< 370 370													
Phenanthrene	85-01-8	ug/Kg	100000	100000								60000 2600													
Phenol	108-95-2	ug/Kg	100000									< 260 260													
Pyrene	129-00-0	ug/Kg	100000	100000								81000 26000													
Pyridine	110-86-1	ug/Kg										< 370 370													

Result Detected

Result Exceeds Criteria

TABLE 2

22 SOUTH WASHINGTON AVENUE HARTSDALE NY 10530

POST-EXCAVATION SOIL SAMPLING ANALYTICAL RESULTS - DRY WELLS DRIVEWAY

SAMPLE LOCATION					DRY WELL 1								DRY WELL 2						DRIVEWAY					
SAMPLING DATE	CAS	Units	NYSDEC 375 RESID	NYSDEC CP-51	12/1/2021		12/1/2021		12/29/2021		12/29/2021		12/29/2021		12/29/2021		12/29/2021		12/29/2021		12/29/2021		12/29/2021	
SAMPLE ID					DRY WELL SVOCS		DRY WELL VOCS		DRYWELL 1-VOC-A		DRYWELL 1-VOC-B		DRYWELL 1-SVOC		DW 2- FLOOR-VOC		DW 2- FLOOR-SVOC		DW 2- FLOOR-METALS		DRIVEWAY-SVOC		DRIVEWAY-METALS		DRIVEWAY-PCB/PEST	
SAMPLE MATRIX					Soil		Soil		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (FT)					7		7		9		9		9		9		9		9		3		3		3	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Methyl t-Butyl Ether (MTBE)	1634-04-4	ug/Kg		930					< 0.85	0.85	< 1.2	1.2			<1.1	1.1										
Naphthalene	91-20-3	ug/Kg		12,000					< 0.85	0.85	< 1.2	1.2			<1.1	1.1										
n-Butylbenzene	104-51-8	ug/Kg		12,000					< 0.85	0.85	< 1.2	1.2			<1.1	1.1										
n-Propylbenzene	103-65-1	ug/Kg		3900					< 0.85	0.85	< 1.2	1.2			<1.1	1.1										
o-Xylene	95-47-6	ug/Kg		NS					< 1.7	1.7	< 2.4	2.4			<2.1	2.1										
p-Isopropyltoluene	99-87-6	ug/Kg		NS					< 0.85	0.85	< 1.2	1.2			<1.1	1.1										
sec-Butylbenzene	135-98-8	ug/Kg		11,000					< 0.85	0.85	< 1.2	1.2			<1.1	1.1										
tert-Butylbenzene	98-06-6	ug/Kg		5900					< 0.85	0.85	< 1.2	1.2			<1.1	1.1										
Toluene	108-88-3	ug/Kg		700					< 1.7	1.7	< 2.4	2.4			<2.1	2.1										
Total Xylenes	1330-20-7	ug/Kg		260					< 1.7	1.7	< 2.4	2.4			<2.1	2.1										
Volatiles By SW8260C							SVOCs																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg		NS			< 3.4	3.4																		
1,1,1-Trichloroethane	71-55-6	ug/Kg		680			< 3.4	3.4																		
1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg		NS			< 3.4	3.4																		
1,1,2-Trichloroethane	79-00-5	ug/Kg		NS			< 3.4	3.4																		
1,1-Dichloroethane	75-34-3	ug/Kg		270			< 3.4	3.4																		
1,1-Dichloroethene	75-35-4	ug/Kg		330			< 3.4	3.4																		
1,1-Dichloropropene	563-58-6	ug/Kg		NS			< 3.4	3.4																		
1,2,3-Trichlorobenzene	87-61-6	ug/Kg		NS			< 3.4	3.4																		
1,2,3-Trichloropropane	96-18-4	ug/Kg		NS			< 3.4	3.4																		
1,2,4-Trichlorobenzene	120-82-1	ug/Kg		NS			< 3.4	3.4																		
1,2,4-Trimethylbenzene	95-63-6	ug/Kg		3600			< 3.4	3.4																		
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg		NS			< 3.4	3.4																		
1,2-Dibromoethane	106-93-4	ug/Kg		NS			< 3.4	3.4																		
1,2-Dichlorobenzene	95-50-1	ug/Kg		1100			< 3.4	3.4																		
1,2-Dichloroethane	107-06-2	ug/Kg		330			< 3.4	3.4																		
1,2-Dichloropropane	78-87-5	ug/Kg		NS			< 3.4	3.4																		
1,3,5-Trimethylbenzene	108-67-8	ug/Kg		8400			< 3.4	3.4																		
1,3-Dichlorobenzene	541-73-1	ug/Kg		2400			< 3.4	3.4																		
1,3-Dichloropropane	142-28-9	ug/Kg		NS			< 3.4	3.4																		
1,4-Dichlorobenzene	106-46-7	ug/Kg		1800			< 3.4	3.4																		
2,2-Dichloropropane	594-20-7	ug/Kg		NS			< 3.4	3.4																		
2-Chlorotoluene	95-49-8	ug/Kg		NS			< 3.4	3.4																		
2-Hexanone	591-78-6	ug/Kg		NS			< 17	17																		
2-Isopropyltoluene	527-84-4	ug/Kg		NS			< 3.4	3.4																		
4-Chlorotoluene	106-43-4	ug/Kg		NS			< 3.4	3.4																		
4-Methyl-2-pentanone	108-10-1	ug/Kg		NS			< 17	17																		
Acetone	67-64-1	ug/Kg		50			< 17	17																		
Acrylonitrile	107-13-1	ug/Kg		NS			< 6.8	6.8																		
Benzene	71-43-2	ug/Kg		60			< 3.4	3.4																		
Bromobenzene	108-86-1	ug/Kg		NS			< 3.4	3.4																		
Bromochloromethane	74-97-5	ug/Kg		NS			< 3.4	3.4																		
Bromodichloromethane	75-27-4	ug/Kg		NS			< 3.4	3.4																		
Bromoform	75-25-2	ug/Kg		NS			< 3.4	3.4																		
Bromomethane	74-83-9	ug/Kg		NS			< 3.4	3.4																		
Carbon Disulfide	75-15-0	ug/Kg		NS			< 3.4	3.4																		
Carbon tetrachloride	56-23-5	ug/Kg		760			< 3.4	3.4																		
Chlorobenzene	108-90-7	ug/Kg		1100			< 3.4	3.4																		
Chloroethane	75-00-3	ug/Kg		1100			< 3.4	3.4																		
Chloroform	67-66-3	ug/Kg		370			< 3.4	3.4																		
Chloromethane	74-87-3	ug/Kg		NS			< 3.4	3.4																		
cis-1,2-Dichloroethene	156-59-2	ug/Kg		250			< 3.4	3.4																		
cis-1,3-Dichloropropene	10061-01-5	ug/Kg		NS			< 3.4	3.4																		
Dibromochloromethane	124-48-1	ug/Kg		NS			< 3.4	3.4																		
Dibromomethane	74-95-3	ug/Kg		NS			< 3.4	3.4																		
Dichlorodifluoromethane	75-71-8	ug/Kg		NS			< 3.4	3.4																		
Ethylbenzene	100-41-4	ug/Kg		1000			< 3.4	3.4																		
Hexachlorobutadiene	87-68-3	ug/Kg		NS			< 3.4	3.4																		
Isopropylbenzene	98-82-8	ug/Kg		NS			< 3.4	3.4																		
m&p-Xylene	179601-23-1	ug/Kg		NS			300	220																		
Methyl Ethyl Ketone	78-93-3	ug/Kg		120			< 17	17																		
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg		930			< 6.8	6.8																		
Methylene chloride	75-09-2	ug/Kg		50			< 6.8	6.8																		
Naphthalene	91-20-3	ug/Kg		NS			< 3.4	3.4																		
n-Butylbenzene	104-51-8	ug/Kg		11000			< 3.4	3.4																		
n-Propylbenzene	103-65-1	ug/Kg		3900			< 3.4	3.4																		
o-Xylene	95-47-6	ug/Kg		NS			170	160																		
p-Isopropyltoluene	99-87-6	ug/Kg		NS			< 3.4	3.4																		
sec-Butylbenzene	135-98-8	ug/Kg		11000			< 3.4	3.4																		
Styrene	100-42-5	ug/Kg		NS			< 3.4	3.4																		
tert-Butylbenzene	98-06-6	ug/Kg		5900			< 3.4	3.4																		
Tetrachloroethene	127-18-4	ug/Kg		1300			< 3.4	3.4																		
Tetrahydrofuran (THF)	109-99-9	ug/Kg		NS			< 6.8	6.8																		
Toluene	108-88-3	ug/Kg		700			< 3.4	3.4																		

TABLE 2

22 SOUTH WASHINGTON AVENUE HARTSDALE NY 10530

POST-EXCAVATION SOIL SAMPLING ANALYTICAL RESULTS - DRY WELLS DRIVEWAY

SAMPLE LOCATION	CAS	Units	NYSDEC 375 RESID	NYSDEC CP-51	DRY WELL 1								DRY WELL 2						DRIVEWAY					
SAMPLING DATE					12/1/2021		12/1/2021		12/29/2021		12/29/2021		12/29/2021		12/29/2021		12/29/2021		12/29/2021		12/29/2021		12/29/2021	
SAMPLE ID					DRY WELL SVOCS		DRY WELL VOCS		DRYWELL 1-VOC-A		DRYWELL 1-VOC-B		DRYWELL 1-SVOC		DW 2- FLOOR-VOC		DW 2- FLOOR-SVOC		DW 2- FLOOR-METALS		DRIVEWAY-SVOC		DRIVEWAY-METALS		DRIVEWAY-PCB/PEST	
SAMPLE MATRIX					Soil		Soil		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (FT)					7		7		9		9		9		9		9		9		3		3		3	
					Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Total Xylenes	1330-20-7	ug/Kg		260			470	160																		
trans-1,2-Dichloroethene	156-60-5	ug/Kg		NS			< 3.4	3.4																		
trans-1,3-Dichloropropene	10061-02-6	ug/Kg		NS			< 3.4	3.4																		
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg		NS			< 6.8	6.8																		
Trichloroethene	79-01-6	ug/Kg		470			< 3.4	3.4																		
Trichlorofluoromethane	75-69-4	ug/Kg		NS			< 3.4	3.4																		
Trichlorotrifluoroethane	76-13-1	ug/Kg		NS			< 3.4	3.4																		
Vinyl chloride	75-01-4	ug/Kg		20			< 3.4	3.4																		

Result Detected

Result Exceeds Criteria

FIGURES

FIGURE 1 - SITE LOCATION

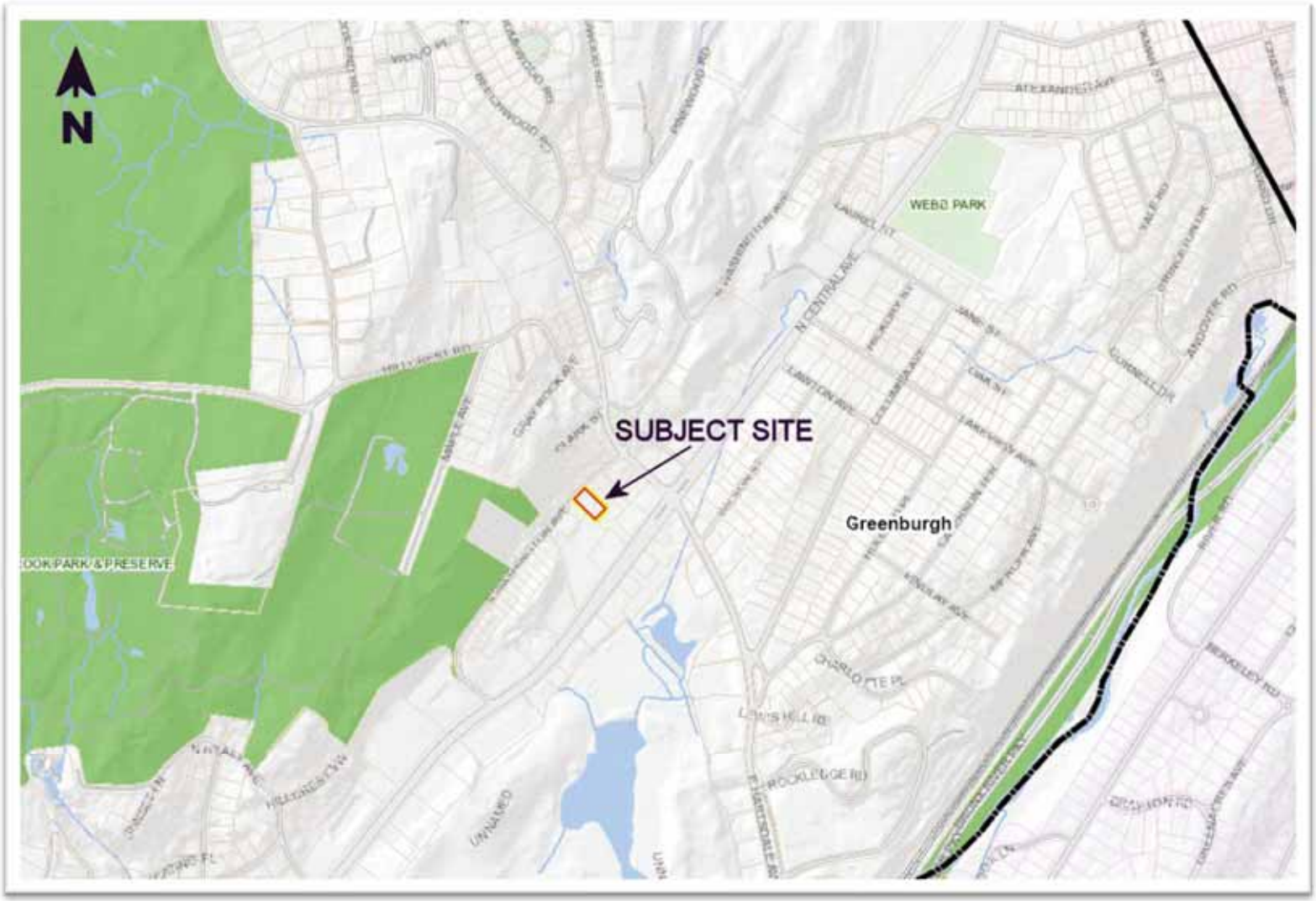


FIGURE 2 - AERIAL VIEW / SITE MAP

APPENDIX A

Photographic Documentation

SITE PHOTOS

Excavation 1 – Looking Northwest

Excavation 1 – Looking West

SITE PHOTOS

Excavation 2 – Looking North

Excavation 2 – Looking South

Excavation 2 – Soil Detail – 3 Ft Bgs

SITE PHOTOS

Excavation 3 – Looking Northwest

Excavation 3 – Looking West

SITE PHOTOS

Excavation in Dry Well 1

Dry Well 1 – Detail

SITE PHOTOS

Excavation of Dry Well 2

Dry Well 2 - Detail

SITE PHOTOS

Cleaning of Roll-Off Pit Catch Basin

Roll-Off Pit Catch Basin - Detail

APPENDIX B

Laboratory Analytical Reports

PHOENIX
Environmental Laboratories, Inc.

Tuesday, December 14, 2021

Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Project ID: 22S WASHINGTON AVE HARTSDALE NY 10530
SDG ID: GCJ91722
Sample ID#s: CJ91722 - CJ91723

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

December 14, 2021

SDG I.D.: GCJ91722

Project ID: 22S WASHINGTON AVE HARTSDALE NY 10530

Client Id	Lab Id	Matrix
DRY WELL VOCS	CJ91722	SOIL
DRY WELL SVOCS	CJ91723	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2021

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/01/21	15:40
Location Code:	BARRIER	Received by:	CP	12/07/21	14:37
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ91722
Phoenix ID: CJ91722

Project ID: 22S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRY WELL VOCS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
Field Extraction	Completed				12/01/21		SW5035A	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,1,1-Trichloroethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,1,2-Trichloroethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,1-Dichloroethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,1-Dichloroethene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,1-Dichloropropene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,2,3-Trichlorobenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,2,3-Trichloropropane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,2,4-Trichlorobenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,2,4-Trimethylbenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,2-Dibromo-3-chloropropane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,2-Dibromoethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,2-Dichlorobenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,2-Dichloroethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,2-Dichloropropane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,3,5-Trimethylbenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,3-Dichlorobenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,3-Dichloropropane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
1,4-Dichlorobenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
2,2-Dichloropropane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
2-Chlorotoluene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	
2-Hexanone	ND	17	ug/Kg	1	12/09/21	JLI	SW8260C	
2-Isopropyltoluene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C	1

Project ID: 22S WASHINGTON AVE HARTSDALE NY 10530 Phoenix I.D.: CJ91722
Client ID: DRY WELL VOCS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
4-Methyl-2-pentanone	ND	17	ug/Kg	1	12/09/21	JLI	SW8260C
Acetone	ND	17	ug/Kg	1	12/09/21	JLI	SW8260C
Acrylonitrile	ND	6.8	ug/Kg	1	12/09/21	JLI	SW8260C
Benzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Bromobenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Bromochloromethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Bromodichloromethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Bromoform	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Bromomethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Carbon Disulfide	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Carbon tetrachloride	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Chlorobenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Chloroethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Chloroform	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Chloromethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
cis-1,2-Dichloroethene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
cis-1,3-Dichloropropene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Dibromochloromethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Dibromomethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Dichlorodifluoromethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Ethylbenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Hexachlorobutadiene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Isopropylbenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
m&p-Xylene	300	220	ug/Kg	50	12/10/21	JLI	SW8260C
Methyl Ethyl Ketone	ND	17	ug/Kg	1	12/09/21	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	6.8	ug/Kg	1	12/09/21	JLI	SW8260C
Methylene chloride	ND	6.8	ug/Kg	1	12/09/21	JLI	SW8260C
Naphthalene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
n-Butylbenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
n-Propylbenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
o-Xylene	170	160	ug/Kg	50	12/10/21	JLI	SW8260C
p-Isopropyltoluene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
sec-Butylbenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Styrene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
tert-Butylbenzene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Tetrachloroethene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Tetrahydrofuran (THF)	ND	6.8	ug/Kg	1	12/09/21	JLI	SW8260C
Toluene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Total Xylenes	470	160	ug/Kg	50	12/10/21	JLI	SW8260C
trans-1,2-Dichloroethene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
trans-1,3-Dichloropropene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	6.8	ug/Kg	1	12/09/21	JLI	SW8260C
Trichloroethene	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Trichlorofluoromethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Trichlorotrifluoroethane	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
Vinyl chloride	ND	3.4	ug/Kg	1	12/09/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	12/09/21	JLI	70 - 130 %

Project ID: 22S WASHINGTON AVE HARTSDALE NY 10530 Phoenix I.D.: CJ91722
Client ID: DRY WELL VOCS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	95		%	1	12/09/21	JLI	70 - 130 %
% Dibromofluoromethane	101		%	1	12/09/21	JLI	70 - 130 %
% Toluene-d8	92		%	1	12/09/21	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	99		%	50	12/10/21	JLI	70 - 130 %
% Bromofluorobenzene (50x)	99		%	50	12/10/21	JLI	70 - 130 %
% Dibromofluoromethane (50x)	98		%	50	12/10/21	JLI	70 - 130 %
% Toluene-d8 (50x)	95		%	50	12/10/21	JLI	70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

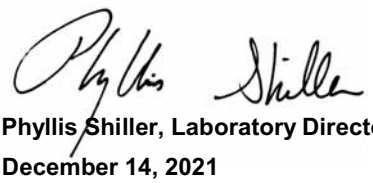
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
December 14, 2021
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2021

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/01/21	15:45
Location Code:	BARRIER	Received by:	CP	12/07/21	14:37
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ91722
Phoenix ID: CJ91723

Project ID: 22S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRY WELL SVOCS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	76		%		12/07/21	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				12/07/21	B/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	300	ug/Kg	1	12/08/21	WB	SW8270D
Acenaphthylene	ND	300	ug/Kg	1	12/08/21	WB	SW8270D
Anthracene	ND	300	ug/Kg	1	12/08/21	WB	SW8270D
Benz(a)anthracene	480	300	ug/Kg	1	12/08/21	WB	SW8270D
Benzo(a)pyrene	460	300	ug/Kg	1	12/08/21	WB	SW8270D
Benzo(b)fluoranthene	420	300	ug/Kg	1	12/08/21	WB	SW8270D
Benzo(ghi)perylene	ND	300	ug/Kg	1	12/08/21	WB	SW8270D
Benzo(k)fluoranthene	490	300	ug/Kg	1	12/08/21	WB	SW8270D
Chrysene	510	300	ug/Kg	1	12/08/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	300	ug/Kg	1	12/08/21	WB	SW8270D
Fluoranthene	1100	300	ug/Kg	1	12/08/21	WB	SW8270D
Fluorene	ND	300	ug/Kg	1	12/08/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	340	300	ug/Kg	1	12/08/21	WB	SW8270D
Naphthalene	ND	300	ug/Kg	1	12/08/21	WB	SW8270D
Phenanthrene	600	300	ug/Kg	1	12/08/21	WB	SW8270D
Pyrene	930	300	ug/Kg	1	12/08/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	80		%	1	12/08/21	WB	30 - 130 %
% Nitrobenzene-d5	78		%	1	12/08/21	WB	30 - 130 %
% Terphenyl-d14	101		%	1	12/08/21	WB	30 - 130 %

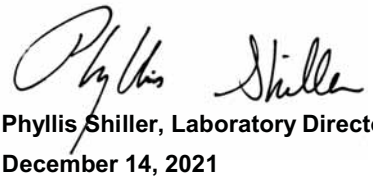
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
December 14, 2021
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 14, 2021

QA/QC Data

SDG I.D.: GCJ91722

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 603464 (ug/kg), QC Sample No: CJ92178 (CJ91723)											
Semivolatiles - Soil											
Acenaphthene	ND	230	96	93	3.2	99	96	3.1	30 - 130	30	
Acenaphthylene	ND	130	90	88	2.2	90	87	3.4	40 - 140	30	
Anthracene	ND	230	97	95	2.1	95	90	5.4	40 - 140	30	
Benz(a)anthracene	ND	230	94	93	1.1	97	89	8.6	40 - 140	30	
Benzo(a)pyrene	ND	130	92	90	2.2	94	86	8.9	40 - 140	30	
Benzo(b)fluoranthene	ND	160	96	93	3.2	97	90	7.5	40 - 140	30	
Benzo(ghi)perylene	ND	230	100	97	3.0	99	92	7.3	40 - 140	30	
Benzo(k)fluoranthene	ND	230	97	96	1.0	100	90	10.5	40 - 140	30	
Chrysene	ND	230	96	95	1.0	99	90	9.5	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	101	98	3.0	101	93	8.2	40 - 140	30	
Fluoranthene	ND	230	99	95	4.1	101	91	10.4	40 - 140	30	
Fluorene	ND	230	96	95	1.0	93	91	2.2	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	100	98	2.0	102	95	7.1	40 - 140	30	
Naphthalene	ND	230	80	76	5.1	82	81	1.2	40 - 140	30	
Phenanthrene	ND	130	96	92	4.3	94	89	5.5	40 - 140	30	
Pyrene	ND	230	100	97	3.0	102	93	9.2	30 - 130	30	
% 2-Fluorobiphenyl	79	%	85	80	6.1	82	79	3.7	30 - 130	30	
% Nitrobenzene-d5	75	%	73	78	6.6	80	78	2.5	30 - 130	30	
% Terphenyl-d14	99	%	104	101	2.9	100	93	7.3	30 - 130	30	
QA/QC Batch 603996 (ug/kg), QC Sample No: CJ91369 (CJ91722)											
Volatiles - Soil (Low Level)											
1,1,1,2-Tetrachloroethane	ND	5.0	106	106	0.0	95			70 - 130	30	
1,1,1-Trichloroethane	ND	5.0	107	100	6.8	96			70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	3.0	105	104	1.0	110			70 - 130	30	
1,1,2-Trichloroethane	ND	5.0	108	107	0.9	93			70 - 130	30	
1,1-Dichloroethane	ND	5.0	106	103	2.9	98			70 - 130	30	
1,1-Dichloroethene	ND	5.0	107	103	3.8	93			70 - 130	30	
1,1-Dichloropropene	ND	5.0	105	101	3.9	90			70 - 130	30	
1,2,3-Trichlorobenzene	ND	5.0	100	97	3.0	42			70 - 130	30	m
1,2,3-Trichloropropane	ND	5.0	106	103	2.9	110			70 - 130	30	
1,2,4-Trichlorobenzene	ND	5.0	97	94	3.1	46			70 - 130	30	m
1,2,4-Trimethylbenzene	ND	1.0	101	99	2.0	86			70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	5.0	108	103	4.7	99			70 - 130	30	
1,2-Dibromoethane	ND	5.0	107	106	0.9	99			70 - 130	30	
1,2-Dichlorobenzene	ND	5.0	100	98	2.0	79			70 - 130	30	
1,2-Dichloroethane	ND	5.0	108	106	1.9	95			70 - 130	30	
1,2-Dichloropropane	ND	5.0	107	107	0.0	96			70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	101	98	3.0	87			70 - 130	30	
1,3-Dichlorobenzene	ND	5.0	98	96	2.1	80			70 - 130	30	
1,3-Dichloropropane	ND	5.0	105	105	0.0	99			70 - 130	30	
1,4-Dichlorobenzene	ND	5.0	98	96	2.1	79			70 - 130	30	

QA/QC Data

SDG I.D.: GCJ91722

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,2-Dichloropropane	ND	5.0	108	103	4.7	94			70 - 130	30	
2-Chlorotoluene	ND	5.0	101	101	0.0	91			70 - 130	30	
2-Hexanone	ND	25	100	97	3.0	95			70 - 130	30	
2-Isopropyltoluene	ND	5.0	101	100	1.0	79			70 - 130	30	
4-Chlorotoluene	ND	5.0	100	98	2.0	90			70 - 130	30	
4-Methyl-2-pentanone	ND	25	106	102	3.8	96			70 - 130	30	
Acetone	ND	10	104	97	7.0	149			70 - 130	30	m
Acrylonitrile	ND	5.0	101	99	2.0	94			70 - 130	30	
Benzene	ND	1.0	105	102	2.9	94			70 - 130	30	
Bromobenzene	ND	5.0	103	102	1.0	100			70 - 130	30	
Bromochloromethane	ND	5.0	111	103	7.5	98			70 - 130	30	
Bromodichloromethane	ND	5.0	108	107	0.9	94			70 - 130	30	
Bromoform	ND	5.0	102	103	1.0	85			70 - 130	30	
Bromomethane	ND	5.0	106	101	4.8	97			70 - 130	30	
Carbon Disulfide	ND	5.0	99	94	5.2	80			70 - 130	30	
Carbon tetrachloride	ND	5.0	106	102	3.8	91			70 - 130	30	
Chlorobenzene	ND	5.0	99	99	0.0	90			70 - 130	30	
Chloroethane	ND	5.0	109	106	2.8	102			70 - 130	30	
Chloroform	ND	5.0	107	102	4.8	97			70 - 130	30	
Chloromethane	ND	5.0	106	103	2.9	90			70 - 130	30	
cis-1,2-Dichloroethene	ND	5.0	109	105	3.7	100			70 - 130	30	
cis-1,3-Dichloropropene	ND	5.0	109	110	0.9	93			70 - 130	30	
Dibromochloromethane	ND	3.0	108	108	0.0	96			70 - 130	30	
Dibromomethane	ND	5.0	111	109	1.8	101			70 - 130	30	
Dichlorodifluoromethane	ND	5.0	109	102	6.6	88			70 - 130	30	
Ethylbenzene	ND	1.0	101	99	2.0	90			70 - 130	30	
Hexachlorobutadiene	ND	5.0	97	93	4.2	33			70 - 130	30	m
Isopropylbenzene	ND	1.0	104	102	1.9	98			70 - 130	30	
Methyl ethyl ketone	ND	5.0	100	90	10.5	101			70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	109	103	5.7	100			70 - 130	30	
Methylene chloride	ND	5.0	92	89	3.3	89			70 - 130	30	
Naphthalene	ND	5.0	105	102	2.9	72			70 - 130	30	
n-Butylbenzene	ND	1.0	101	97	4.0	64			70 - 130	30	m
n-Propylbenzene	ND	1.0	102	100	2.0	90			70 - 130	30	
p-Isopropyltoluene	ND	1.0	101	98	3.0	75			70 - 130	30	
sec-Butylbenzene	ND	1.0	102	98	4.0	75			70 - 130	30	
Styrene	ND	5.0	103	102	1.0	85			70 - 130	30	
tert-Butylbenzene	ND	1.0	103	101	2.0	86			70 - 130	30	
Tetrachloroethene	ND	5.0	100	96	4.1	79			70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	104	96	8.0	92			70 - 130	30	
Toluene	ND	1.0	106	105	0.9	93			70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	106	101	4.8	93			70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	111	110	0.9	90			70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	113	113	0.0	100			70 - 130	30	
Trichloroethene	ND	5.0	104	101	2.9	90			70 - 130	30	
Trichlorofluoromethane	ND	5.0	111	106	4.6	99			70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	94	89	5.5	79			70 - 130	30	
Vinyl chloride	ND	5.0	112	108	3.6	98			70 - 130	30	
% 1,2-dichlorobenzene-d4	97	%	100	100	0.0	101			70 - 130	30	
% Bromofluorobenzene	99	%	100	101	1.0	97			70 - 130	30	
% Dibromofluoromethane	97	%	101	99	2.0	97			70 - 130	30	
% Toluene-d8	96	%	103	103	0.0	100			70 - 130	30	

QA/QC Data

SDG I.D.: GCJ91722

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:										
The MSD is not reported for this LL soil batch.										
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.										
QA/QC Batch 604248H (ug/kg), QC Sample No: CJ94124 (CJ91722 (50X))										
Volatiles - Soil (High Level)										
m&p-Xylene	ND	5.0	103	102	1.0	103	101	2.0	70 - 130	30
o-Xylene	ND	5.0	102	103	1.0	103	101	2.0	70 - 130	30
% 1,2-dichlorobenzene-d4	98	%	102	101	1.0	101	100	1.0	70 - 130	30
% Bromofluorobenzene	100	%	100	101	1.0	99	100	1.0	70 - 130	30
% Dibromofluoromethane	101	%	100	101	1.0	94	101	7.2	70 - 130	30
% Toluene-d8	96	%	102	103	1.0	103	103	0.0	70 - 130	30
Comment:										
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.										

m = This parameter is outside laboratory MS/MSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
December 14, 2021

Tuesday, December 14, 2021

Criteria: NY: CP51S

State: NY

Sample Criteria Exceedances Report

GCJ91722 - BARRIER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CJ91722	$8260SMRNY	Total Xylenes	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	470	160	260	260	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

December 14, 2021 SDG I.D.: GCJ91722

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

VOA Narration

CHEM18 12/09/21-1: CJ91722

The following Initial Calibration compounds did not meet RSD% criteria: Methylene chloride 24% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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NY Temperature Narration

December 14, 2021

SDG I.D.: GCJ91722

The samples in this delivery group were received at 2.3°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 2.3 °C Pg of

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: Barrier Contracting Corp
Address: PO Box 395
Tarrytown NY 10591

Project: 225 Washington Av
Report to: Hartsdale NY 10530
Invoice to: Barrier
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12/1/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request: 8260 FULL LIST; 8270 CP-51 STARS LIST

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	GL Amber 8 oz. w/H3PO4	Soil VOA Vials X methanol X H2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NAOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
91722	DRY WELL-VOCS	S	12/1/21	15:40	X		3	X								
91723	DRY WELL -SVOCS	S	12/1/21	15:46		X			X							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12/7/2021	12:08
[signature]	[signature]	12/11/21	14:37

Comments, Special Requirements or Regulations:
Report Dry Well-VOCs as STARS list & full list

Data Format:
☒ Phoenix Std Report ☐ EQuIS
☒ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. *
☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☒ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

PHOENIX
Environmental Laboratories, Inc.

Tuesday, December 14, 2021

Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
SDG ID: GCJ90266
Sample ID#s: CJ90266 - CJ90268, CJ92535 - CJ92536

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

December 14, 2021

SDG I.D.: GCJ90266

Project ID: 22 S WASHINGTON AVE HARTSDALE NY

Client Id	Lab Id	Matrix
EXCAV 1	CJ90266	SOIL
EXCAV 2	CJ90267	SOIL
EXCAV 2 8270 STARS	CJ90268	SOIL
EXCAV 1 - VOC A	CJ92535	SOIL
EXCAV 1 - VOC B	CJ92536	SOIL

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Analysis Report

December 14, 2021

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/01/21	13:15
Location Code:	BARRIER	Received by:	SW	12/03/21	15:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ90266
Phoenix ID: CJ90266

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	1	12/04/21	EK	SW6010D
Arsenic	4.40	0.74	mg/Kg	1	12/04/21	EK	SW6010D
Beryllium	0.50	0.30	mg/Kg	1	12/04/21	EK	SW6010D
Cadmium	1.92	0.37	mg/Kg	1	12/04/21	EK	SW6010D
Chromium	35.6	0.37	mg/Kg	1	12/04/21	EK	SW6010D
Copper	128	0.7	mg/kg	1	12/04/21	EK	SW6010D
Mercury	< 0.03	0.03	mg/Kg	2	12/08/21	AP	SW7471B
Nickel	24.7	0.37	mg/Kg	1	12/04/21	EK	SW6010D
Lead	226	0.37	mg/Kg	1	12/04/21	EK	SW6010D
Antimony	< 3.7	3.7	mg/Kg	1	12/04/21	EK	SW6010D
Selenium	< 1.5	1.5	mg/Kg	1	12/04/21	EK	SW6010D
Thallium	< 3.3	3.3	mg/Kg	1	12/04/21	EK	SW6010D
Zinc	167	0.7	mg/Kg	1	12/04/21	EK	SW6010D
Percent Solid	83		%		12/03/21	Q	SW846-%Solid
Soil Extraction for PCB	Completed				12/06/21	O/E	SW3545A
Soil Extraction for Pesticide	Completed				12/06/21	O/E	SW3545A
Mercury Digestion	Completed				12/07/21	K/AB/K	SW7471B
Soil Extraction for SVOA PAH	Completed				12/06/21	B/L	SW3546
Total Metals Digest	Completed				12/03/21	B/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	390	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1221	ND	390	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1232	ND	390	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1242	ND	390	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1248	ND	390	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1254	ND	390	ug/Kg	10	12/07/21	KCA	SW8082A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1260	ND	390	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1262	ND	390	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1268	ND	390	ug/Kg	10	12/07/21	KCA	SW8082A
QA/QC Surrogates							
% DCBP	79		%	10	12/07/21	KCA	30 - 150 %
% DCBP (Confirmation)	124		%	10	12/07/21	KCA	30 - 150 %
% TCMX	73		%	10	12/07/21	KCA	30 - 150 %
% TCMX (Confirmation)	76		%	10	12/07/21	KCA	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.4	ug/Kg	2	12/07/21	AW	SW8081B
4,4' -DDE	ND	2.4	ug/Kg	2	12/07/21	AW	SW8081B
4,4' -DDT	ND	2.4	ug/Kg	2	12/07/21	AW	SW8081B
a-BHC	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
a-Chlordane	ND	3.9	ug/Kg	2	12/07/21	AW	SW8081B
Aldrin	ND	3.9	ug/Kg	2	12/07/21	AW	SW8081B
b-BHC	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
Chlordane	ND	39	ug/Kg	2	12/07/21	AW	SW8081B
d-BHC	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
Dieldrin	ND	3.9	ug/Kg	2	12/07/21	AW	SW8081B
Endosulfan I	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
Endosulfan II	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
Endosulfan sulfate	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
Endrin	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
Endrin aldehyde	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
Endrin ketone	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
g-BHC	ND	1.6	ug/Kg	2	12/07/21	AW	SW8081B
g-Chlordane	ND	3.9	ug/Kg	2	12/07/21	AW	SW8081B
Heptachlor	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
Heptachlor epoxide	ND	7.9	ug/Kg	2	12/07/21	AW	SW8081B
Methoxychlor	ND	39	ug/Kg	2	12/07/21	AW	SW8081B
Toxaphene	ND	160	ug/Kg	2	12/07/21	AW	SW8081B
QA/QC Surrogates							
% DCBP	67		%	2	12/07/21	AW	30 - 150 %
% DCBP (Confirmation)	68		%	2	12/07/21	AW	30 - 150 %
% TCMX	67		%	2	12/07/21	AW	30 - 150 %
% TCMX (Confirmation)	64		%	2	12/07/21	AW	30 - 150 %
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Acenaphthylene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Anthracene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Benz(a)anthracene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Benzo(a)pyrene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Benzo(b)fluoranthene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Benzo(ghi)perylene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Benzo(k)fluoranthene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Chrysene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Fluoranthene	490	280	ug/Kg	1	12/07/21	WB	SW8270D

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 1

Phoenix I.D.: CJ90266

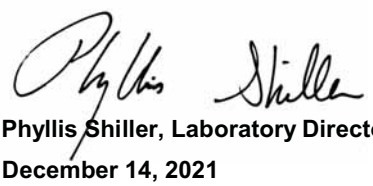
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Naphthalene	ND	280	ug/Kg	1	12/07/21	WB	SW8270D
Phenanthrene	280	280	ug/Kg	1	12/07/21	WB	SW8270D
Pyrene	430	280	ug/Kg	1	12/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	85		%	1	12/07/21	WB	30 - 130 %
% Nitrobenzene-d5	87		%	1	12/07/21	WB	30 - 130 %
% Terphenyl-d14	98		%	1	12/07/21	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 14, 2021

Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2021

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/02/21	13:50
Location Code:	BARRIER	Received by:	SW	12/03/21	15:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ90266
Phoenix ID: CJ90267

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	1	12/04/21	EK	SW6010D
Arsenic	2.43	0.75	mg/Kg	1	12/04/21	EK	SW6010D
Beryllium	0.41	0.30	mg/Kg	1	12/04/21	EK	SW6010D
Cadmium	2.03	0.38	mg/Kg	1	12/04/21	EK	SW6010D
Chromium	41.5	0.38	mg/Kg	1	12/04/21	EK	SW6010D
Copper	57.7	0.8	mg/kg	1	12/04/21	EK	SW6010D
Mercury	0.06	0.03	mg/Kg	2	12/08/21	AP	SW7471B
Nickel	24.6	0.38	mg/Kg	1	12/04/21	EK	SW6010D
Lead	108	0.38	mg/Kg	1	12/04/21	EK	SW6010D
Antimony	< 3.8	3.8	mg/Kg	1	12/04/21	EK	SW6010D
Selenium	< 1.5	1.5	mg/Kg	1	12/04/21	EK	SW6010D
Thallium	< 3.4	3.4	mg/Kg	1	12/04/21	EK	SW6010D
Zinc	173	0.8	mg/Kg	1	12/04/21	EK	SW6010D
Percent Solid	90		%		12/03/21	Q	SW846-%Solid
Soil Extraction for PCB	Completed				12/06/21	O/E	SW3545A
Soil Extraction for Pesticide	Completed				12/06/21	O/E	SW3545A
Mercury Digestion	Completed				12/07/21	K/AB/K	SW7471B
Soil Extraction for SVOA	Completed				12/03/21	I/L	SW3546
Total Metals Digest	Completed				12/03/21	B/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1221	ND	360	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1232	ND	360	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1242	ND	360	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1248	ND	360	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1254	ND	360	ug/Kg	10	12/07/21	KCA	SW8082A

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 2

Phoenix I.D.: CJ90267

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1260	ND	360	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1262	ND	360	ug/Kg	10	12/07/21	KCA	SW8082A
PCB-1268	ND	360	ug/Kg	10	12/07/21	KCA	SW8082A
QA/QC Surrogates							
% DCBP	93		%	10	12/07/21	KCA	30 - 150 %
% DCBP (Confirmation)	74		%	10	12/07/21	KCA	30 - 150 %
% TCMX	69		%	10	12/07/21	KCA	30 - 150 %
% TCMX (Confirmation)	69		%	10	12/07/21	KCA	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.2	ug/Kg	2	12/07/21	AW	SW8081B
4,4' -DDE	ND	3.0	ug/Kg	2	12/07/21	AW	SW8081B
4,4' -DDT	9.6	2.2	ug/Kg	2	12/07/21	AW	SW8081B
a-BHC	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
a-Chlordane	ND	3.6	ug/Kg	2	12/07/21	AW	SW8081B
Aldrin	ND	3.6	ug/Kg	2	12/07/21	AW	SW8081B
b-BHC	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
Chlordane	ND	36	ug/Kg	2	12/07/21	AW	SW8081B
d-BHC	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
Dieldrin	ND	3.6	ug/Kg	2	12/07/21	AW	SW8081B
Endosulfan I	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
Endosulfan II	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
Endosulfan sulfate	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
Endrin	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
Endrin aldehyde	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
Endrin ketone	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
g-BHC	ND	1.4	ug/Kg	2	12/07/21	AW	SW8081B
g-Chlordane	ND	3.6	ug/Kg	2	12/07/21	AW	SW8081B
Heptachlor	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
Heptachlor epoxide	ND	7.2	ug/Kg	2	12/07/21	AW	SW8081B
Methoxychlor	ND	36	ug/Kg	2	12/07/21	AW	SW8081B
Toxaphene	ND	140	ug/Kg	2	12/07/21	AW	SW8081B
QA/QC Surrogates							
% DCBP	61		%	2	12/07/21	AW	30 - 150 %
% DCBP (Confirmation)	78		%	2	12/07/21	AW	30 - 150 %
% TCMX	53		%	2	12/07/21	AW	30 - 150 %
% TCMX (Confirmation)	63		%	2	12/07/21	AW	30 - 150 %
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
1,2,4-Trichlorobenzene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
1,2-Dichlorobenzene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
1,2-Diphenylhydrazine	ND	370	ug/Kg	1	12/06/21	WB	SW8270D
1,3-Dichlorobenzene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
1,4-Dichlorobenzene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
2,4,5-Trichlorophenol	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
2,4,6-Trichlorophenol	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
2,4-Dichlorophenol	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
2,4-Dimethylphenol	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
2,4-Dinitrophenol	ND	370	ug/Kg	1	12/06/21	WB	SW8270D

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 2

Phoenix I.D.: CJ90267

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
2,4-Dinitrotoluene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
2,6-Dinitrotoluene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
2-Chloronaphthalene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
2-Chlorophenol	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
2-Methylnaphthalene	1000	260	ug/Kg	1	12/06/21	WB	SW8270D	
2-Methylphenol (o-cresol)	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
2-Nitroaniline	ND	370	ug/Kg	1	12/06/21	WB	SW8270D	
2-Nitrophenol	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	1	12/06/21	WB	SW8270D	
3,3'-Dichlorobenzidine	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
3-Nitroaniline	ND	370	ug/Kg	1	12/06/21	WB	SW8270D	
4,6-Dinitro-2-methylphenol	ND	370	ug/Kg	1	12/06/21	WB	SW8270D	
4-Bromophenyl phenyl ether	ND	370	ug/Kg	1	12/06/21	WB	SW8270D	
4-Chloro-3-methylphenol	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
4-Chloroaniline	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
4-Nitroaniline	ND	590	ug/Kg	1	12/06/21	WB	SW8270D	
4-Nitrophenol	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Acenaphthene	11000	2600	ug/Kg	10	12/06/21	WB	SW8270D	
Acenaphthylene	280	260	ug/Kg	1	12/06/21	WB	SW8270D	
Acetophenone	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Aniline	ND	370	ug/Kg	1	12/06/21	WB	SW8270D	
Anthracene	6600	260	ug/Kg	1	12/06/21	WB	SW8270D	
Benz(a)anthracene	37000	2600	ug/Kg	10	12/06/21	WB	SW8270D	
Benzidine	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Benzo(a)pyrene	37000	2600	ug/Kg	10	12/06/21	WB	SW8270D	
Benzo(b)fluoranthene	38000	2600	ug/Kg	10	12/06/21	WB	SW8270D	
Benzo(ghi)perylene	24000	2600	ug/Kg	10	12/06/21	WB	SW8270D	
Benzo(k)fluoranthene	24000	2600	ug/Kg	10	12/06/21	WB	SW8270D	
Benzoic acid	ND	730	ug/Kg	1	12/06/21	WB	SW8270D	
Benzyl butyl phthalate	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	1	12/06/21	WB	SW8270D	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	1
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	1	12/06/21	WB	SW8270D	
Carbazole	6800	370	ug/Kg	1	12/06/21	WB	SW8270D	
Chrysene	42000	2600	ug/Kg	10	12/06/21	WB	SW8270D	
Dibenz(a,h)anthracene	6400	260	ug/Kg	1	12/06/21	WB	SW8270D	
Dibenzofuran	2700	260	ug/Kg	1	12/06/21	WB	SW8270D	
Diethyl phthalate	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Dimethylphthalate	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Di-n-butylphthalate	ND	370	ug/Kg	1	12/06/21	WB	SW8270D	
Di-n-octylphthalate	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Fluoranthene	93000	26000	ug/Kg	100	12/07/21	WB	SW8270D	
Fluorene	4800	260	ug/Kg	1	12/06/21	WB	SW8270D	
Hexachlorobenzene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Hexachlorobutadiene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	
Hexachloroethane	ND	260	ug/Kg	1	12/06/21	WB	SW8270D	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Indeno(1,2,3-cd)pyrene	26000	2600	ug/Kg	10	12/06/21	WB	SW8270D
Isophorone	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
Naphthalene	2000	260	ug/Kg	1	12/06/21	WB	SW8270D
Nitrobenzene	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
N-Nitrosodimethylamine	ND	370	ug/Kg	1	12/06/21	WB	SW8270D
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
N-Nitrosodiphenylamine	ND	370	ug/Kg	1	12/06/21	WB	SW8270D
Pentachloronitrobenzene	ND	370	ug/Kg	1	12/06/21	WB	SW8270D
Pentachlorophenol	ND	370	ug/Kg	1	12/06/21	WB	SW8270D
Phenanthrene	60000	2600	ug/Kg	10	12/06/21	WB	SW8270D
Phenol	ND	260	ug/Kg	1	12/06/21	WB	SW8270D
Pyrene	81000	26000	ug/Kg	100	12/07/21	WB	SW8270D
Pyridine	ND	370	ug/Kg	1	12/06/21	WB	SW8270D
QA/QC Surrogates							
% 2,4,6-Tribromophenol	113		%	1	12/06/21	WB	30 - 130 %
% 2-Fluorobiphenyl	88		%	1	12/06/21	WB	30 - 130 %
% 2-Fluorophenol	79		%	1	12/06/21	WB	30 - 130 %
% Nitrobenzene-d5	88		%	1	12/06/21	WB	30 - 130 %
% Phenol-d5	86		%	1	12/06/21	WB	30 - 130 %
% Terphenyl-d14	100		%	1	12/06/21	WB	30 - 130 %
% 2,4,6-Tribromophenol (10x)	Diluted Out		%	10	12/06/21	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out		%	10	12/06/21	WB	30 - 130 %
% 2-Fluorophenol (10x)	Diluted Out		%	10	12/06/21	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out		%	10	12/06/21	WB	30 - 130 %
% Phenol-d5 (10x)	Diluted Out		%	10	12/06/21	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out		%	10	12/06/21	WB	30 - 130 %
% 2,4,6-Tribromophenol (100x)	Diluted Out		%	100	12/07/21	WB	30 - 130 %
% 2-Fluorobiphenyl (100x)	Diluted Out		%	100	12/07/21	WB	30 - 130 %
% 2-Fluorophenol (100x)	Diluted Out		%	100	12/07/21	WB	30 - 130 %
% Nitrobenzene-d5 (100x)	Diluted Out		%	100	12/07/21	WB	30 - 130 %
% Phenol-d5 (100x)	Diluted Out		%	100	12/07/21	WB	30 - 130 %
% Terphenyl-d14 (100x)	Diluted Out		%	100	12/07/21	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

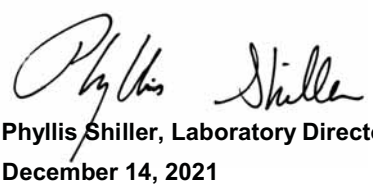
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
December 14, 2021
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2021

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/02/21	13:15
Location Code:	BARRIER	Received by:	SW	12/03/21	15:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ90266
Phoenix ID: CJ90268

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 2 8270 STARS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90		%		12/03/21	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				12/06/21	B/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	4800	250	ug/Kg	1	12/07/21	WB	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	12/07/21	WB	SW8270D
Anthracene	6100	250	ug/Kg	1	12/07/21	WB	SW8270D
Benz(a)anthracene	28000	2500	ug/Kg	10	12/07/21	WB	SW8270D
Benzo(a)pyrene	27000	2500	ug/Kg	10	12/07/21	WB	SW8270D
Benzo(b)fluoranthene	27000	2500	ug/Kg	10	12/07/21	WB	SW8270D
Benzo(ghi)perylene	15000	2500	ug/Kg	10	12/07/21	WB	SW8270D
Benzo(k)fluoranthene	23000	2500	ug/Kg	10	12/07/21	WB	SW8270D
Chrysene	27000	2500	ug/Kg	10	12/07/21	WB	SW8270D
Dibenz(a,h)anthracene	3300	250	ug/Kg	1	12/07/21	WB	SW8270D
Fluoranthene	47000	2500	ug/Kg	10	12/07/21	WB	SW8270D
Fluorene	3000	250	ug/Kg	1	12/07/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	20000	2500	ug/Kg	10	12/07/21	WB	SW8270D
Naphthalene	950	250	ug/Kg	1	12/07/21	WB	SW8270D
Phenanthrene	33000	2500	ug/Kg	10	12/07/21	WB	SW8270D
Pyrene	42000	2500	ug/Kg	10	12/07/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	1	12/07/21	WB	30 - 130 %
% Nitrobenzene-d5	92		%	1	12/07/21	WB	30 - 130 %
% Terphenyl-d14	101		%	1	12/07/21	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out		%	10	12/07/21	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out		%	10	12/07/21	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out		%	10	12/07/21	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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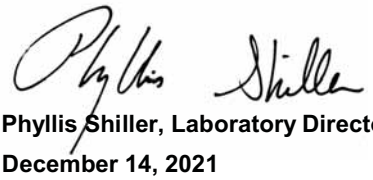

Phyllis Shiller, Laboratory Director
December 14, 2021
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2021

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/01/21	14:00
Location Code:	BARRIER	Received by:	SW	12/08/21	15:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ90266
Phoenix ID: CJ92535

Project ID: 22 S WASHINGTON AVE
Client ID: EXCAV 1 - VOC A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83		%		12/08/21	JS	SW846-%Solid
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	0.86	ug/Kg	1	12/09/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.86	ug/Kg	1	12/09/21	JLI	SW8260C
Benzene	ND	1.7	ug/Kg	1	12/09/21	JLI	SW8260C
Ethylbenzene	ND	1.7	ug/Kg	1	12/09/21	JLI	SW8260C
Isopropylbenzene	ND	0.86	ug/Kg	1	12/09/21	JLI	SW8260C
m&p-Xylene	ND	1.7	ug/Kg	1	12/09/21	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	0.86	ug/Kg	1	12/09/21	JLI	SW8260C
Naphthalene	ND	0.86	ug/Kg	1	12/09/21	JLI	SW8260C
n-Butylbenzene	ND	0.86	ug/Kg	1	12/09/21	JLI	SW8260C
n-Propylbenzene	ND	0.86	ug/Kg	1	12/09/21	JLI	SW8260C
o-Xylene	ND	1.7	ug/Kg	1	12/09/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.86	ug/Kg	1	12/09/21	JLI	SW8260C
sec-Butylbenzene	ND	0.86	ug/Kg	1	12/09/21	JLI	SW8260C
tert-Butylbenzene	ND	0.86	ug/Kg	1	12/09/21	JLI	SW8260C
Toluene	ND	1.7	ug/Kg	1	12/09/21	JLI	SW8260C
Total Xylenes	ND	1.7	ug/Kg	1	12/09/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	94		%	1	12/09/21	JLI	70 - 130 %
% Bromofluorobenzene	97		%	1	12/09/21	JLI	70 - 130 %
% Dibromofluoromethane	90		%	1	12/09/21	JLI	70 - 130 %
% Toluene-d8	92		%	1	12/09/21	JLI	70 - 130 %

Project ID: 22 S WASHINGTON AVE
Client ID: EXCAV 1 - VOC A

Phoenix I.D.: CJ92535

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
L flag signifies that this sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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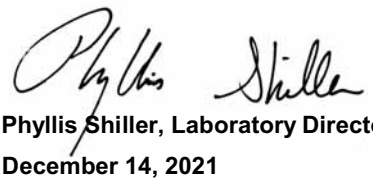

Phyllis Shiller, Laboratory Director

December 14, 2021

Reviewed and Released by: Ethan Lee, Project Manager

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 14, 2021

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/01/21	14:05
Location Code:	BARRIER	Received by:	SW	12/08/21	15:46
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ90266
Phoenix ID: CJ92536

Project ID: 22 S WASHINGTON AVE
Client ID: EXCAV 1 - VOC B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	83		%		12/08/21	JS	SW846-%Solid
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	0.98	ug/Kg	1	12/08/21	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.98	ug/Kg	1	12/08/21	JLI	SW8260C
Benzene	ND	2.0	ug/Kg	1	12/08/21	JLI	SW8260C
Ethylbenzene	ND	2.0	ug/Kg	1	12/08/21	JLI	SW8260C
Isopropylbenzene	ND	0.98	ug/Kg	1	12/08/21	JLI	SW8260C
m&p-Xylene	ND	2.0	ug/Kg	1	12/08/21	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	0.98	ug/Kg	1	12/08/21	JLI	SW8260C
Naphthalene	ND	0.98	ug/Kg	1	12/08/21	JLI	SW8260C
n-Butylbenzene	ND	0.98	ug/Kg	1	12/08/21	JLI	SW8260C
n-Propylbenzene	ND	0.98	ug/Kg	1	12/08/21	JLI	SW8260C
o-Xylene	ND	2.0	ug/Kg	1	12/08/21	JLI	SW8260C
p-Isopropyltoluene	ND	0.98	ug/Kg	1	12/08/21	JLI	SW8260C
sec-Butylbenzene	ND	0.98	ug/Kg	1	12/08/21	JLI	SW8260C
tert-Butylbenzene	ND	0.98	ug/Kg	1	12/08/21	JLI	SW8260C
Toluene	ND	2.0	ug/Kg	1	12/08/21	JLI	SW8260C
Total Xylenes	ND	2.0	ug/Kg	1	12/08/21	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	97		%	1	12/08/21	JLI	70 - 130 %
% Bromofluorobenzene	90		%	1	12/08/21	JLI	70 - 130 %
% Dibromofluoromethane	102		%	1	12/08/21	JLI	70 - 130 %
% Toluene-d8	97		%	1	12/08/21	JLI	70 - 130 %

Project ID: 22 S WASHINGTON AVE
Client ID: EXCAV 1 - VOC B

Phoenix I.D.: CJ92536

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Volatile Comment:
L flag signifies that this sample was not collected in accordance with EPA method 5035. NELAC requires the laboratory to qualify the volatile soil data as biased low.

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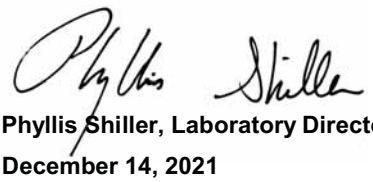

Phyllis Shiller, Laboratory Director

December 14, 2021

Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 14, 2021

QA/QC Data

SDG I.D.: GCJ90266

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 603411 (mg/kg), QC Sample No: CJ90160 2X (CJ90266)														
Mercury - Soil	BRL	0.02	<0.03	<0.03	NC	118	128	8.1	103	92.3	11.0	70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 603412 (mg/kg), QC Sample No: CJ90502 2X (CJ90267)														
Mercury - Soil	BRL	0.03	<0.03	<0.03	NC	117	114	2.6	86.6	87.8	1.4	70 - 130	30	
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 603066 (mg/kg), QC Sample No: CJ90136 (CJ90266, CJ90267)														
ICP Metals - Soil														
Antimony	BRL	3.3	<3.1	<3.3	NC	77.9	80.7	3.5	87.5			75 - 125	35	
Arsenic	BRL	0.67	2.54	2.22	NC	94.8	90.9	4.2	94.4			75 - 125	35	
Beryllium	BRL	0.27	0.41	0.41	NC	93.4	92.7	0.8	94.6			75 - 125	35	
Cadmium	BRL	0.33	1.81	1.76	2.80	87.6	89.0	1.6	93.4			75 - 125	35	
Chromium	BRL	0.33	35.0	30.3	14.4	83.5	82.2	1.6	92.0			75 - 125	35	
Copper	BRL	0.67	54.0	57.7	6.60	92.6	90.5	2.3	111			75 - 125	35	
Lead	BRL	0.33	45.8	44.0	4.00	98.1	87.0	12.0	99.0			75 - 125	35	
Nickel	BRL	0.33	42.8	42.8	0	98.0	98.1	0.1	94.2			75 - 125	35	
Selenium	BRL	1.3	<1.3	<1.3	NC	112	107	4.6	99.1			75 - 125	35	
Silver	BRL	0.33	<0.31	<0.33	NC	86.3	81.8	5.4	93.5			75 - 125	35	
Thallium	BRL	3.0	<1.3	<3.0	NC	100	97.1	2.9	94.5			75 - 125	35	
Zinc	BRL	0.67	80.1	156	64.3	91.7	90.3	1.5	95.5			75 - 125	35	r
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														

r = This parameter is outside laboratory RPD specified recovery limits.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 14, 2021

QA/QC Data

SDG I.D.: GCJ90266

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 603273 (ug/Kg), QC Sample No: CJ90740 2X (CJ90266, CJ90267)											
Polychlorinated Biphenyls - Soil											
PCB-1016	ND	33	95	95	0.0	74	73	1.4	40 - 140	30	
PCB-1221	ND	33							40 - 140	30	
PCB-1232	ND	33							40 - 140	30	
PCB-1242	ND	33							40 - 140	30	
PCB-1248	ND	33							40 - 140	30	
PCB-1254	ND	33							40 - 140	30	
PCB-1260	ND	33	111	94	16.6	78	78	0.0	40 - 140	30	
PCB-1262	ND	33							40 - 140	30	
PCB-1268	ND	33							40 - 140	30	
% DCBP (Surrogate Rec)	89	%	110	97	12.6	80	82	2.5	30 - 150	30	
% DCBP (Surrogate Rec) (Confirm	86	%	108	94	13.9	77	74	4.0	30 - 150	30	
% TCMX (Surrogate Rec)	86	%	101	96	5.1	71	68	4.3	30 - 150	30	
% TCMX (Surrogate Rec) (Confirm	83	%	100	95	5.1	70	68	2.9	30 - 150	30	
QA/QC Batch 603274 (ug/Kg), QC Sample No: CJ90740 2X (CJ90266, CJ90267)											
Pesticides - Soil											
4,4' -DDD	ND	1.7	67	76	12.6	NC	NC	NC	40 - 140	30	
4,4' -DDE	ND	1.7	67	75	11.3	59	69	15.6	40 - 140	30	
4,4' -DDT	ND	1.7	66	75	12.8	46	75	47.9	40 - 140	30	r
a-BHC	ND	1.0	75	74	1.3	63	73	14.7	40 - 140	30	
a-Chlordane	ND	3.3	79	87	9.6	NC	NC	NC	40 - 140	30	
Aldrin	ND	1.0	73	78	6.6	58	82	34.3	40 - 140	30	r
b-BHC	ND	1.0	90	103	13.5	67	84	22.5	40 - 140	30	
Chlordane	ND	33	73	80	9.2	NC	NC	NC	40 - 140	30	
d-BHC	ND	3.3	62	68	9.2	51	65	24.1	40 - 140	30	
Dieldrin	ND	1.0	74	80	7.8	70	88	22.8	40 - 140	30	
Endosulfan I	ND	3.3	76	78	2.6	66	75	12.8	40 - 140	30	
Endosulfan II	ND	3.3	81	89	9.4	58	76	26.9	40 - 140	30	
Endosulfan sulfate	ND	3.3	76	84	10.0	64	88	31.6	40 - 140	30	r
Endrin	ND	3.3	75	91	19.3	55	75	30.8	40 - 140	30	r
Endrin aldehyde	ND	3.3	66	72	8.7	68	65	4.5	40 - 140	30	
Endrin ketone	ND	3.3	74	82	10.3	67	86	24.8	40 - 140	30	
g-BHC	ND	1.0	78	85	8.6	78	93	17.5	40 - 140	30	
g-Chlordane	ND	3.3	73	80	9.2	NC	NC	NC	40 - 140	30	
Heptachlor	ND	3.3	73	80	9.2	66	79	17.9	40 - 140	30	
Heptachlor epoxide	ND	3.3	79	78	1.3	75	76	1.3	40 - 140	30	
Methoxychlor	ND	3.3	65	79	19.4	42	53	23.2	40 - 140	30	
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30	
% DCBP	90	%	80	85	6.1	83	95	13.5	30 - 150	30	
% DCBP (Confirmation)	91	%	90	88	2.2	62	56	10.2	30 - 150	30	
% TCMX	80	%	75	72	4.1	72	83	14.2	30 - 150	30	
% TCMX (Confirmation)	97	%	87	89	2.3	58	47	21.0	30 - 150	30	

QA/QC Data

SDG I.D.: GCJ90266

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 603257 (ug/kg), QC Sample No: CJ90104 (CJ90266, CJ90268)											
Polynuclear Aromatic HC - Soil											
Acenaphthene	ND	230	96	96	0.0	87	86	1.2	30 - 130	30	
Acenaphthylene	ND	230	88	88	0.0	81	80	1.2	40 - 140	30	
Anthracene	ND	230	99	97	2.0	90	89	1.1	40 - 140	30	
Benz(a)anthracene	ND	230	98	95	3.1	89	83	7.0	40 - 140	30	
Benzo(a)pyrene	ND	230	97	95	2.1	88	82	7.1	40 - 140	30	
Benzo(b)fluoranthene	ND	230	99	97	2.0	93	86	7.8	40 - 140	30	
Benzo(ghi)perylene	ND	230	102	101	1.0	89	81	9.4	40 - 140	30	
Benzo(k)fluoranthene	ND	230	96	94	2.1	83	77	7.5	40 - 140	30	
Chrysene	ND	230	98	96	2.1	90	83	8.1	40 - 140	30	
Dibenz(a,h)anthracene	ND	230	103	102	1.0	94	85	10.1	40 - 140	30	
Fluoranthene	ND	230	103	101	2.0	92	89	3.3	40 - 140	30	
Fluorene	ND	230	98	98	0.0	89	87	2.3	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	108	106	1.9	94	89	5.5	40 - 140	30	
Naphthalene	ND	230	85	87	2.3	82	83	1.2	40 - 140	30	
Phenanthrene	ND	230	97	95	2.1	88	85	3.5	40 - 140	30	
Pyrene	ND	230	101	99	2.0	96	92	4.3	30 - 130	30	
% 2-Fluorobiphenyl	85	%	81	82	1.2	76	77	1.3	30 - 130	30	
% Nitrobenzene-d5	83	%	84	83	1.2	78	91	15.4	30 - 130	30	
% Terphenyl-d14	98	%	111	109	1.8	101	105	3.9	30 - 130	30	
QA/QC Batch 603072 (ug/kg), QC Sample No: CJ90163 (CJ90267)											
Semivolatiles - Soil											
1,2,4,5-Tetrachlorobenzene	ND	230	75	71	5.5	77	78	1.3	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	71	69	2.9	76	72	5.4	40 - 140	30	
1,2-Dichlorobenzene	ND	180	69	68	1.5	73	67	8.6	40 - 140	30	
1,2-Diphenylhydrazine	ND	230	96	87	9.8	91	97	6.4	40 - 140	30	
1,3-Dichlorobenzene	ND	230	66	65	1.5	69	63	9.1	40 - 140	30	
1,4-Dichlorobenzene	ND	230	69	71	2.9	73	68	7.1	40 - 140	30	
2,4,5-Trichlorophenol	ND	230	98	91	7.4	93	96	3.2	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	96	88	8.7	90	90	0.0	30 - 130	30	
2,4-Dichlorophenol	ND	130	89	82	8.2	86	87	1.2	30 - 130	30	
2,4-Dimethylphenol	ND	230	89	84	5.8	76	69	9.7	30 - 130	30	
2,4-Dinitrophenol	ND	230	106	101	4.8	86	96	11.0	30 - 130	30	
2,4-Dinitrotoluene	ND	130	120	108	10.5	107	113	5.5	30 - 130	30	
2,6-Dinitrotoluene	ND	130	115	104	10.0	104	108	3.8	40 - 140	30	
2-Chloronaphthalene	ND	230	83	77	7.5	85	84	1.2	40 - 140	30	
2-Chlorophenol	ND	230	83	80	3.7	85	81	4.8	30 - 130	30	
2-Methylnaphthalene	ND	230	78	73	6.6	81	80	1.2	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	87	81	7.1	87	83	4.7	40 - 140	30	
2-Nitroaniline	ND	330	179	160	11.2	153	164	6.9	40 - 140	30	l,m
2-Nitrophenol	ND	230	98	95	3.1	98	99	1.0	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	92	85	7.9	90	84	6.9	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	110	98	11.5	101	103	2.0	40 - 140	30	
3-Nitroaniline	ND	330	120	108	10.5	102	108	5.7	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	107	101	5.8	93	104	11.2	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	91	83	9.2	88	89	1.1	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	100	90	10.5	91	99	8.4	30 - 130	30	
4-Chloroaniline	ND	230	83	71	15.6	70	78	10.8	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	97	89	8.6	94	97	3.1	40 - 140	30	
4-Nitroaniline	ND	230	106	96	9.9	98	101	3.0	40 - 140	30	
4-Nitrophenol	ND	230	113	101	11.2	100	114	13.1	30 - 130	30	

QA/QC Data

SDG I.D.: GCJ90266

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Acenaphthene	ND	230	86	81	6.0	87	89	2.3	30 - 130	30	
Acenaphthylene	ND	130	83	77	7.5	83	83	0.0	40 - 140	30	
Acetophenone	ND	230	75	70	6.9	78	74	5.3	40 - 140	30	
Aniline	ND	330	64	53	18.8	57	57	0.0	40 - 140	30	
Anthracene	ND	230	92	83	10.3	89	91	2.2	40 - 140	30	
Benz(a)anthracene	ND	230	94	87	7.7	93	95	2.1	40 - 140	30	
Benzidine	ND	330	61	53	14.0	15	15	0.0	40 - 140	30	m
Benzo(a)pyrene	ND	130	94	85	10.1	88	92	4.4	40 - 140	30	
Benzo(b)fluoranthene	ND	160	94	86	8.9	93	95	2.1	40 - 140	30	
Benzo(ghi)perylene	ND	230	93	86	7.8	95	100	5.1	40 - 140	30	
Benzo(k)fluoranthene	ND	230	101	89	12.6	90	93	3.3	40 - 140	30	
Benzoic Acid	ND	670	80	78	2.5	41	47	13.6	30 - 130	30	
Benzyl butyl phthalate	ND	230	113	103	9.3	109	112	2.7	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	73	69	5.6	74	72	2.7	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	66	65	1.5	69	66	4.4	40 - 140	30	
Bis(2-chloroisopropyl)ether	ND	230	66	64	3.1	71	66	7.3	40 - 140	30	
Bis(2-ethylhexyl)phthalate	ND	230	114	104	9.2	110	113	2.7	40 - 140	30	
Carbazole	ND	230	100	91	9.4	92	98	6.3	40 - 140	30	
Chrysene	ND	230	93	85	9.0	90	94	4.3	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	99	91	8.4	101	106	4.8	40 - 140	30	
Dibenzofuran	ND	230	89	83	7.0	88	90	2.2	40 - 140	30	
Diethyl phthalate	ND	230	105	93	12.1	96	101	5.1	40 - 140	30	
Dimethylphthalate	ND	230	95	86	9.9	89	91	2.2	40 - 140	30	
Di-n-butylphthalate	ND	670	108	100	7.7	105	109	3.7	40 - 140	30	
Di-n-octylphthalate	ND	230	101	92	9.3	97	100	3.0	40 - 140	30	
Fluoranthene	ND	230	96	88	8.7	96	101	5.1	40 - 140	30	
Fluorene	ND	230	98	89	9.6	93	100	7.3	40 - 140	30	
Hexachlorobenzene	ND	130	93	86	7.8	91	94	3.2	40 - 140	30	
Hexachlorobutadiene	ND	230	75	74	1.3	78	76	2.6	40 - 140	30	
Hexachlorocyclopentadiene	ND	230	62	60	3.3	54	39	32.3	40 - 140	30	m,r
Hexachloroethane	ND	130	70	71	1.4	77	69	11.0	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	95	86	9.9	98	102	4.0	40 - 140	30	
Isophorone	ND	130	69	65	6.0	71	68	4.3	40 - 140	30	
Naphthalene	ND	230	71	68	4.3	73	70	4.2	40 - 140	30	
Nitrobenzene	ND	130	81	75	7.7	83	82	1.2	40 - 140	30	
N-Nitrosodimethylamine	ND	230	65	65	0.0	65	56	14.9	40 - 140	30	
N-Nitrosodi-n-propylamine	ND	130	77	73	5.3	81	77	5.1	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	99	89	10.6	89	93	4.4	40 - 140	30	
Pentachloronitrobenzene	ND	230	104	93	11.2	98	99	1.0	40 - 140	30	
Pentachlorophenol	ND	230	100	91	9.4	85	91	6.8	30 - 130	30	
Phenanthrene	ND	130	87	80	8.4	87	87	0.0	40 - 140	30	
Phenol	ND	230	85	76	11.2	88	85	3.5	30 - 130	30	
Pyrene	ND	230	100	92	8.3	99	105	5.9	30 - 130	30	
Pyridine	ND	230	53	51	3.8	52	48	8.0	40 - 140	30	
% 2,4,6-Tribromophenol	104	%	115	101	13.0	104	107	2.8	30 - 130	30	
% 2-Fluorobiphenyl	77	%	78	71	9.4	80	80	0.0	30 - 130	30	
% 2-Fluorophenol	75	%	75	71	5.5	74	73	1.4	30 - 130	30	
% Nitrobenzene-d5	77	%	81	74	9.0	83	81	2.4	30 - 130	30	
% Phenol-d5	75	%	78	73	6.6	81	80	1.2	30 - 130	30	
% Terphenyl-d14	99	%	101	90	11.5	99	103	4.0	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Data

SDG I.D.: GCJ90266

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 603566 (ug/kg), QC Sample No: CJ91994 (CJ92536)											
Volatiles - Soil (Low Level)											
1,2,4-Trimethylbenzene	ND	1.0	107	108	0.9	73	75	2.7	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	107	108	0.9	78	79	1.3	70 - 130	30	
Benzene	ND	1.0	106	106	0.0	101	101	0.0	70 - 130	30	
Ethylbenzene	ND	1.0	106	107	0.9	88	90	2.2	70 - 130	30	
Isopropylbenzene	ND	1.0	119	120	0.8	96	96	0.0	70 - 130	30	
m&p-Xylene	ND	2.0	106	107	0.9	85	88	3.5	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	79	82	3.7	78	80	2.5	70 - 130	30	
Naphthalene	ND	5.0	115	121	5.1	48	48	0.0	70 - 130	30	m
n-Butylbenzene	ND	1.0	112	111	0.9	68	66	3.0	70 - 130	30	m
n-Propylbenzene	ND	1.0	116	118	1.7	88	88	0.0	70 - 130	30	
o-Xylene	ND	2.0	108	110	1.8	87	90	3.4	70 - 130	30	
p-Isopropyltoluene	ND	1.0	112	112	0.0	75	74	1.3	70 - 130	30	
sec-Butylbenzene	ND	1.0	113	113	0.0	80	78	2.5	70 - 130	30	
tert-Butylbenzene	ND	1.0	111	113	1.8	83	83	0.0	70 - 130	30	
Toluene	ND	1.0	106	105	0.9	93	94	1.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	%	98	98	0.0	97	97	0.0	70 - 130	30	
% Bromofluorobenzene	88	%	94	94	0.0	92	93	1.1	70 - 130	30	
% Dibromofluoromethane	104	%	101	104	2.9	100	102	2.0	70 - 130	30	
% Toluene-d8	97	%	101	99	2.0	101	101	0.0	70 - 130	30	
Comment:											
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.											
QA/QC Batch 603983 (ug/kg), QC Sample No: CJ93532 (CJ92535)											
Volatiles - Soil (Low Level)											
1,2,4-Trimethylbenzene	ND	1.0	96	100	4.1	86	89	3.4	70 - 130	30	
1,3,5-Trimethylbenzene	ND	1.0	97	100	3.0	86	90	4.5	70 - 130	30	
Benzene	ND	1.0	100	102	2.0	97	97	0.0	70 - 130	30	
Ethylbenzene	ND	1.0	98	101	3.0	91	95	4.3	70 - 130	30	
Isopropylbenzene	ND	1.0	102	106	3.8	93	97	4.2	70 - 130	30	
m&p-Xylene	ND	2.0	97	99	2.0	88	92	4.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	1.0	98	82	17.8	102	97	5.0	70 - 130	30	
Naphthalene	ND	5.0	110	108	1.8	93	95	2.1	70 - 130	30	
n-Butylbenzene	ND	1.0	102	105	2.9	72	81	11.8	70 - 130	30	
n-Propylbenzene	ND	1.0	99	104	4.9	85	92	7.9	70 - 130	30	
o-Xylene	ND	2.0	99	102	3.0	93	95	2.1	70 - 130	30	
p-Isopropyltoluene	ND	1.0	98	104	5.9	80	87	8.4	70 - 130	30	
sec-Butylbenzene	ND	1.0	98	103	5.0	80	88	9.5	70 - 130	30	
tert-Butylbenzene	ND	1.0	99	104	4.9	88	93	5.5	70 - 130	30	
Toluene	ND	1.0	102	103	1.0	95	97	2.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	95	%	100	99	1.0	101	101	0.0	70 - 130	30	
% Bromofluorobenzene	98	%	99	98	1.0	98	98	0.0	70 - 130	30	
% Dibromofluoromethane	90	%	105	103	1.9	87	90	3.4	70 - 130	30	
% Toluene-d8	92	%	101	101	0.0	99	99	0.0	70 - 130	30	
Comment:											
Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.											

l = This parameter is outside laboratory LCS/LCSD specified recovery limits.
m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

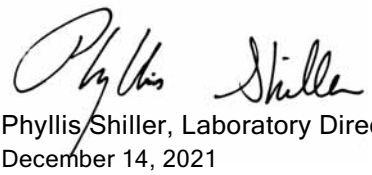
QA/QC Data

SDG I.D.: GCJ90266

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
December 14, 2021

Tuesday, December 14, 2021

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCJ90266 - BARRIER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

December 14, 2021 SDG I.D.: GCJ90266

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

PCB Narration

AU-ECD3 12/07/21-1: CJ90266, CJ90267

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CJ90266, CJ90267
Preceding CC D07B021 - None.
Succeeding CC D07B047 - TCMX SURR 20%L (15%)

PEST Narration

AU-ECD35 12/07/21-1: CJ90266, CJ90267

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CJ90266, CJ90267
Preceding CC D07B018 - Endosulfan II 22%L (20%)
Succeeding CC D07B031 - None.
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

SVOA Narration

CHEM22 12/05/21-1: CJ90267

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.070 (0.1), Hexachlorobenzene 0.096 (0.1)
The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet % deviation criteria: % 2,4,6-Tribromophenol 39%H (30%), 2-Nitrophenol 33%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.093 (0.1)
The following Continuing Calibration compounds did not meet minimum response factors: None.

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

December 14, 2021

SDG I.D.: GCJ90266

The samples in this delivery group were received at 2.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

NY/NJ/PA CHAIN OF CUSTODY RECORD

Temp 2.9° C Pg of

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: Barrier Contracting Corp
Address:
Project: 22 S Washington Av
Report to: Hartsdale NY
Invoice to: Barrier
QUOTE # :
Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12/2/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260 STARS LIST	8270 STARS LIST	PP-13 METALS	PCBS + PESTICIDES	8270 FULL LIST (BN)	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NAOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
90266	EXCAV1 -SVOC	S	12/1/21	13:15		X						X									
	EXCAV1-METALS	S	↓	13:15			X					X									
	EXCAV1-PCB/PEST	S		13:15				X				X									
	EXCAV1-VOCA	S		14:00	X						3		X								
	EXCAV1-VOC-B	S	↓	14:05	X						3		X								
												X									
90267	EXCAV2 -METALS	S	12/2/21	13:50			X					X									
	EXCAV2-PCB/PEST	S	↓	13:50				X				X									
	EXCAV2-SVOC	S	↓	13:50		X			X			X									
90268	EXCAV 2-STARS					X						X									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12/3/2021	1024
[signature]	[signature]	12/3/21	15:46

Comments, Special Requirements or Regulations:
EXCAV 2-SVOC SPLIT SAMPLE FOR CP 51 STARS LIST & FULL LIST

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 2.9° C Pg of

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: Barrier Contracting Corp
Address:

Project: 22 S Washington Av
Report to: Hartsdale NY
Invoice to: Barrier
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12/2/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260 STARS LIST	8270 STARS LIST	PP-13 METALS	PCBS + PESTICIDES	8270 FULL LIST (BN)	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container (4) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NAOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
90266	EXCAV 1 - SVOC	S	12/1/21	13:15		X						X									
	EXCAV 1 - METALS	S		13:15			X					X									
	EXCAV 1 - PCB/PEST	S		13:15				X				X									
92535	EXCAV 1 - VOC-A	S		14:00	X						3		X								
92536	EXCAV 1 - VOC-B	S		14:05	X						3		X								
90267	EXCAV 2 - METALS	S	12/2/21	13:50			X					X									
	EXCAV 2 - PCB/PEST	S		13:50				X				X									
	EXCAV 2 - SVOC	S		13:50		X			X			X									
90268	EXCAV 2 - STARS					X						X									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12/3/2021	1024
[signature]		12/3/21	15:40

Comments, Special Requirements or Regulations:
EXCAV 2 - SVOC SPLIT SAMPLE FOR CP 51 STARS LIST & FULL LIST

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected?
NY

PHOENIX
Environmental Laboratories, Inc.

Wednesday, December 15, 2021

Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Project ID: 22 S WASHINGTON AV HARTSDALE NY
SDG ID: GCJ91720
Sample ID#s: CJ91720 - CJ91721

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

December 15, 2021

SDG I.D.: GCJ91720

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

December 15, 2021

SDG I.D.: GCJ91720

Project ID: 22 S WASHINGTON AV HARTSDALE NY

Client Id	Lab Id	Matrix
EXCAV 3-SVOC	CJ91720	SOIL
EXCAV 3-METALS	CJ91721	SOIL

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2021

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/04/21	16:15
Location Code:	BARRIER	Received by:	SW	12/07/21	14:37
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ91720
Phoenix ID: CJ91720

Project ID: 22 S WASHINGTON AV HARTSDALE NY
Client ID: EXCAV 3-SVOC

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90		%		12/07/21	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				12/07/21	B/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	250	ug/Kg	1	12/08/21	WB	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	12/08/21	WB	SW8270D
Anthracene	ND	250	ug/Kg	1	12/08/21	WB	SW8270D
Benz(a)anthracene	570	250	ug/Kg	1	12/08/21	WB	SW8270D
Benzo(a)pyrene	520	250	ug/Kg	1	12/08/21	WB	SW8270D
Benzo(b)fluoranthene	490	250	ug/Kg	1	12/08/21	WB	SW8270D
Benzo(ghi)perylene	300	250	ug/Kg	1	12/08/21	WB	SW8270D
Benzo(k)fluoranthene	550	250	ug/Kg	1	12/08/21	WB	SW8270D
Chrysene	580	250	ug/Kg	1	12/08/21	WB	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	12/08/21	WB	SW8270D
Fluoranthene	1200	250	ug/Kg	1	12/08/21	WB	SW8270D
Fluorene	ND	250	ug/Kg	1	12/08/21	WB	SW8270D
Indeno(1,2,3-cd)pyrene	360	250	ug/Kg	1	12/08/21	WB	SW8270D
Naphthalene	ND	250	ug/Kg	1	12/08/21	WB	SW8270D
Phenanthrene	640	250	ug/Kg	1	12/08/21	WB	SW8270D
Pyrene	1000	250	ug/Kg	1	12/08/21	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	72		%	1	12/08/21	WB	30 - 130 %
% Nitrobenzene-d5	60		%	1	12/08/21	WB	30 - 130 %
% Terphenyl-d14	98		%	1	12/08/21	WB	30 - 130 %

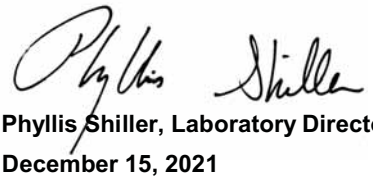
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

December 15, 2021

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

December 15, 2021

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/04/21	16:20
Location Code:	BARRIER	Received by:	SW	12/07/21	14:37
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCJ91720
Phoenix ID: CJ91721

Project ID: 22 S WASHINGTON AV HARTSDALE NY
Client ID: EXCAV 3-METALS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	1	12/09/21	CPP	SW6010D
Arsenic	1.98	0.77	mg/Kg	1	12/09/21	CPP	SW6010D
Beryllium	< 0.31	0.31	mg/Kg	1	12/09/21	CPP	SW6010D
Cadmium	1.22	0.39	mg/Kg	1	12/09/21	CPP	SW6010D
Chromium	54.3	0.39	mg/Kg	1	12/09/21	CPP	SW6010D
Copper	60.4	0.8	mg/kg	1	12/09/21	CPP	SW6010D
Mercury	< 0.03	0.03	mg/Kg	2	12/13/21	AP	SW7471B
Nickel	30.1	0.39	mg/Kg	1	12/09/21	CPP	SW6010D
Lead	13.6	0.39	mg/Kg	1	12/09/21	CPP	SW6010D
Antimony	< 3.9	3.9	mg/Kg	1	12/09/21	CPP	SW6010D
Selenium	< 1.5	1.5	mg/Kg	1	12/09/21	CPP	SW6010D
Thallium	< 3.5	3.5	mg/Kg	1	12/09/21	CPP	SW6010D
Zinc	114	0.8	mg/Kg	1	12/09/21	CPP	SW6010D
Percent Solid	91		%		12/07/21	Q	SW846-%Solid
Mercury Digestion	Completed				12/11/21	K/AB/AB	SW7471B
Total Metals Digest	Completed				12/08/21	P/AG/BBF	SW3050B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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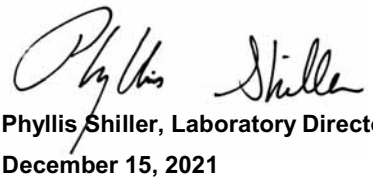

Phyllis Shiller, Laboratory Director
December 15, 2021
Reviewed and Released by: Rashmi Makol, Project Manager

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 15, 2021

QA/QC Data

SDG I.D.: GCJ91720

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 604140 (mg/kg), QC Sample No: CJ91708 2X (CJ91721)													
Mercury - Soil	BRL	0.03	0.04	0.04	NC	117	114	2.6	90.4	97.3	7.4	70 - 130	30
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 603636 (mg/kg), QC Sample No: CJ91721 (CJ91721)													
ICP Metals - Soil													
Antimony	BRL	3.3	<3.9	<3.5	NC	92.3	89.2	3.4	90.3			75 - 125	35
Arsenic	BRL	0.67	1.98	1.86	NC	112	106	5.5	106			75 - 125	35
Beryllium	BRL	0.27	<0.31	0.28	NC	107	104	2.8	104			75 - 125	35
Cadmium	BRL	0.33	1.22	1.14	NC	108	106	1.9	109			75 - 125	35
Chromium	BRL	0.33	54.3	52.8	2.80	99.5	96.0	3.6	99.5			75 - 125	35
Copper	BRL	0.67	60.4	58.0	4.10	104	98.1	5.8	96.9			75 - 125	35
Lead	BRL	0.33	13.6	11.2	19.4	109	108	0.9	110			75 - 125	35
Nickel	BRL	0.33	30.1	29.5	2.00	97.8	98.1	0.3	107			75 - 125	35
Selenium	BRL	1.3	<1.5	<1.4	NC	105	103	1.9	101			75 - 125	35
Silver	BRL	0.33	<0.39	<0.35	NC	98.5	93.2	5.5	98.6			75 - 125	35
Thallium	BRL	3.0	<3.5	<3.2	NC	115	109	5.4	104			75 - 125	35
Zinc	BRL	0.67	114	113	0.90	109	105	3.7	94.0			75 - 125	35
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

December 15, 2021

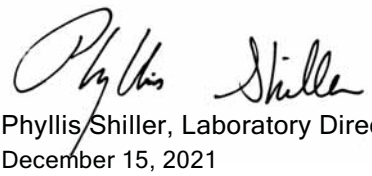
QA/QC Data

SDG I.D.: GCJ91720

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 603464 (ug/kg), QC Sample No: CJ92178 (CJ91720)										
Semivolatiles - Soil										
Acenaphthene	ND	230	96	93	3.2	99	96	3.1	30 - 130	30
Acenaphthylene	ND	130	90	88	2.2	90	87	3.4	40 - 140	30
Anthracene	ND	230	97	95	2.1	95	90	5.4	40 - 140	30
Benz(a)anthracene	ND	230	94	93	1.1	97	89	8.6	40 - 140	30
Benzo(a)pyrene	ND	130	92	90	2.2	94	86	8.9	40 - 140	30
Benzo(b)fluoranthene	ND	160	96	93	3.2	97	90	7.5	40 - 140	30
Benzo(ghi)perylene	ND	230	100	97	3.0	99	92	7.3	40 - 140	30
Benzo(k)fluoranthene	ND	230	97	96	1.0	100	90	10.5	40 - 140	30
Chrysene	ND	230	96	95	1.0	99	90	9.5	40 - 140	30
Dibenz(a,h)anthracene	ND	130	101	98	3.0	101	93	8.2	40 - 140	30
Fluoranthene	ND	230	99	95	4.1	101	91	10.4	40 - 140	30
Fluorene	ND	230	96	95	1.0	93	91	2.2	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	230	100	98	2.0	102	95	7.1	40 - 140	30
Naphthalene	ND	230	80	76	5.1	82	81	1.2	40 - 140	30
Phenanthrene	ND	130	96	92	4.3	94	89	5.5	40 - 140	30
Pyrene	ND	230	100	97	3.0	102	93	9.2	30 - 130	30
% 2-Fluorobiphenyl	79	%	85	80	6.1	82	79	3.7	30 - 130	30
% Nitrobenzene-d5	75	%	73	78	6.6	80	78	2.5	30 - 130	30
% Terphenyl-d14	99	%	104	101	2.9	100	93	7.3	30 - 130	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference



Phyllis Shiller, Laboratory Director
December 15, 2021

Wednesday, December 15, 2021

Criteria: NY: CP51S

State: NY

Sample Criteria Exceedances Report

GCJ91720 - BARRIER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

December 15, 2021 SDG I.D.: GCJ91720

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

December 15, 2021

SDG I.D.: GCJ91720

The samples in this delivery group were received at 2.3°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 2.3°C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: Barrier Contracting Corp
Address: PO Box 385
Tarrytown NY 10591

Project: 22 S Washington Av
Report to: Hartsdale NY 10530
Invoice to: Barrier
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12/4/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request: 8270 STARS LIST; PP-13 METALS

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8270 STARS LIST	PP-13 METALS	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
91720	Excav 3-SVOC	S	12/4/21	16:15	X				1									
91721	Excav 3-METALS	S	12/4/21	16:20		X			1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12/7/2021	12:08
[signature]	[signature]	12/11/21	14:37

Comments, Special Requirements or Regulations:

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☒ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected?
NY

PHOENIX
Environmental Laboratories, Inc.

Wednesday, January 05, 2022

Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
SDG ID: GCK07805
Sample ID#s: CK07805 - CK07812, CK07814 - CK07816

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

January 05, 2022

SDG I.D.: GCK07805

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

January 05, 2022

SDG I.D.: GCK07805

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530

Client Id	Lab Id	Matrix
DRYWELL 2-SED-VOC	CK07805	SOIL
DRYWELL 2-SED-SVOC	CK07806	SOIL
DRYWELL 2-FLOOR-VOC	CK07807	SOIL
DRYWELL 2-FLOOR-SVOC	CK07808	SOIL
DRYWELL 2-FLOOR-METALS	CK07809	SOIL
DRYWELL 1-VOC-A	CK07810	SOIL
DRYWELL 1-VOC-B	CK07811	SOIL
DRYWELL 1-SVOC	CK07812	SOIL
DRIVEWAY-SVOC	CK07814	SOIL
DRIVEWAY-METALS	CK07815	SOIL
DRIVEWAY-PCB/PEST	CK07816	SOIL

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	10:30
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07805

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRYWELL 2-SED-VOC

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.0	ug/Kg	1	01/04/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/Kg	1	01/04/22	JLI	SW8260C
Benzene	ND	2.0	ug/Kg	1	01/04/22	JLI	SW8260C
Ethylbenzene	ND	2.0	ug/Kg	1	01/04/22	JLI	SW8260C
Isopropylbenzene	ND	1.0	ug/Kg	1	01/04/22	JLI	SW8260C
m&p-Xylene	ND	2.0	ug/Kg	1	01/04/22	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.0	ug/Kg	1	01/04/22	JLI	SW8260C
Naphthalene	ND	1.0	ug/Kg	1	01/04/22	JLI	SW8260C
n-Butylbenzene	ND	1.0	ug/Kg	1	01/04/22	JLI	SW8260C
n-Propylbenzene	ND	1.0	ug/Kg	1	01/04/22	JLI	SW8260C
o-Xylene	ND	2.0	ug/Kg	1	01/04/22	JLI	SW8260C
p-Isopropyltoluene	ND	1.0	ug/Kg	1	01/04/22	JLI	SW8260C
sec-Butylbenzene	ND	1.0	ug/Kg	1	01/04/22	JLI	SW8260C
tert-Butylbenzene	ND	1.0	ug/Kg	1	01/04/22	JLI	SW8260C
Toluene	ND	2.0	ug/Kg	1	01/04/22	JLI	SW8260C
Total Xylenes	ND	2.0	ug/Kg	1	01/04/22	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	01/04/22	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	01/04/22	JLI	70 - 130 %
% Dibromofluoromethane	98		%	1	01/04/22	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/04/22	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
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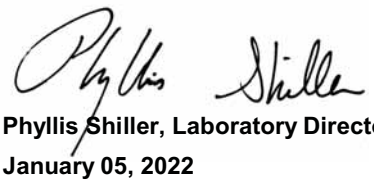

Phyllis Shiller, Laboratory Director
January 05, 2022
Reviewed and Released by: Ethan Lee, Project Manager

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	10:30
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07806

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRYWELL 2-SED-SVOC

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	63		%		12/30/21	C	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				01/03/22	I/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	370	ug/Kg	1	01/04/22	WB	SW8270D
Acenaphthylene	ND	370	ug/Kg	1	01/04/22	WB	SW8270D
Anthracene	380	370	ug/Kg	1	01/04/22	WB	SW8270D
Benz(a)anthracene	1300	370	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(a)pyrene	1100	370	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(b)fluoranthene	1200	370	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(ghi)perylene	770	370	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(k)fluoranthene	1400	370	ug/Kg	1	01/04/22	WB	SW8270D
Chrysene	1500	370	ug/Kg	1	01/04/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	330	ug/Kg	1	01/04/22	WB	SW8270D
Fluoranthene	2200	370	ug/Kg	1	01/04/22	WB	SW8270D
Fluorene	ND	370	ug/Kg	1	01/04/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	830	370	ug/Kg	1	01/04/22	WB	SW8270D
Naphthalene	ND	370	ug/Kg	1	01/04/22	WB	SW8270D
Phenanthrene	2400	370	ug/Kg	1	01/04/22	WB	SW8270D
Pyrene	1800	370	ug/Kg	1	01/04/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	80		%	1	01/04/22	WB	30 - 130 %
% Nitrobenzene-d5	37		%	1	01/04/22	WB	30 - 130 %
% Terphenyl-d14	56		%	1	01/04/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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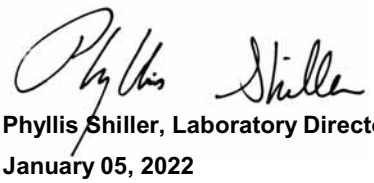

Phyllis Shiller, Laboratory Director
January 05, 2022
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	11:00
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07807

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRYWELL 2-FLOOR-VOC

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	2.7	1.1	ug/Kg	1	01/04/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.1	ug/Kg	1	01/04/22	JLI	SW8260C
Benzene	ND	2.1	ug/Kg	1	01/04/22	JLI	SW8260C
Ethylbenzene	ND	2.1	ug/Kg	1	01/04/22	JLI	SW8260C
Isopropylbenzene	ND	1.1	ug/Kg	1	01/04/22	JLI	SW8260C
m&p-Xylene	ND	2.1	ug/Kg	1	01/04/22	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.1	ug/Kg	1	01/04/22	JLI	SW8260C
Naphthalene	ND	1.1	ug/Kg	1	01/04/22	JLI	SW8260C
n-Butylbenzene	ND	1.1	ug/Kg	1	01/04/22	JLI	SW8260C
n-Propylbenzene	ND	1.1	ug/Kg	1	01/04/22	JLI	SW8260C
o-Xylene	ND	2.1	ug/Kg	1	01/04/22	JLI	SW8260C
p-Isopropyltoluene	ND	1.1	ug/Kg	1	01/04/22	JLI	SW8260C
sec-Butylbenzene	ND	1.1	ug/Kg	1	01/04/22	JLI	SW8260C
tert-Butylbenzene	ND	1.1	ug/Kg	1	01/04/22	JLI	SW8260C
Toluene	ND	2.1	ug/Kg	1	01/04/22	JLI	SW8260C
Total Xylenes	ND	2.1	ug/Kg	1	01/04/22	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	01/04/22	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	01/04/22	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	01/04/22	JLI	70 - 130 %
% Toluene-d8	98		%	1	01/04/22	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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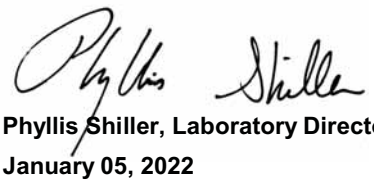

Phyllis Shiller, Laboratory Director
January 05, 2022
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	11:00
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07808

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRYWELL 2-FLOOR-SVOC

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81		%		12/30/21	C	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				01/03/22	I/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Acenaphthylene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Anthracene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Benz(a)anthracene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(a)pyrene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(b)fluoranthene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(ghi)perylene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(k)fluoranthene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Chrysene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Fluoranthene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Fluorene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Naphthalene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Phenanthrene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
Pyrene	ND	290	ug/Kg	1	01/04/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	78		%	1	01/04/22	WB	30 - 130 %
% Nitrobenzene-d5	60		%	1	01/04/22	WB	30 - 130 %
% Terphenyl-d14	60		%	1	01/04/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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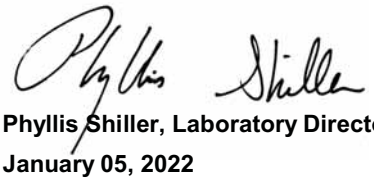

Phyllis Shiller, Laboratory Director
January 05, 2022
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	11:00
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07809

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRYWELL 2-FLOOR-METALS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.41	0.41	mg/Kg	1	01/03/22	CPP	SW6010D
Arsenic	2.60	0.82	mg/Kg	1	01/03/22	CPP	SW6010D
Beryllium	0.64	0.33	mg/Kg	1	01/03/22	CPP	SW6010D
Cadmium	1.00	0.41	mg/Kg	1	01/03/22	CPP	SW6010D
Chromium	27.0	0.41	mg/Kg	1	01/03/22	CPP	SW6010D
Copper	31.9	0.8	mg/kg	1	01/03/22	CPP	SW6010D
Mercury	< 0.03	0.03	mg/Kg	2	01/04/22	AP	SW7471B
Nickel	26.6	0.41	mg/Kg	1	01/04/22	TH	SW6010D
Lead	10.7	0.41	mg/Kg	1	01/03/22	CPP	SW6010D
Antimony	< 4.1	4.1	mg/Kg	1	01/03/22	CPP	SW6010D
Selenium	< 1.6	1.6	mg/Kg	1	01/03/22	CPP	SW6010D
Thallium	< 3.7	3.7	mg/Kg	1	01/03/22	CPP	SW6010D
Zinc	73.3	0.8	mg/Kg	1	01/03/22	CPP	SW6010D
Percent Solid	79		%		12/30/21	C	SW846-%Solid
Mercury Digestion	Completed				01/04/22	AB/AB	SW7471B
Total Metals Digest	Completed				12/30/21	M/AG	SW3050B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

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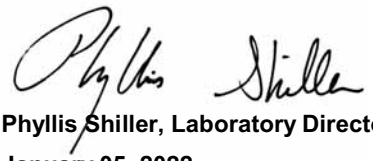

Phyllis Shiller, Laboratory Director
January 05, 2022
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	11:35
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07810

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRYWELL 1-VOC-A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	0.85	ug/Kg	1	01/04/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	0.85	ug/Kg	1	01/04/22	JLI	SW8260C
Benzene	ND	1.7	ug/Kg	1	01/04/22	JLI	SW8260C
Ethylbenzene	ND	1.7	ug/Kg	1	01/04/22	JLI	SW8260C
Isopropylbenzene	ND	0.85	ug/Kg	1	01/04/22	JLI	SW8260C
m&p-Xylene	ND	1.7	ug/Kg	1	01/04/22	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	0.85	ug/Kg	1	01/04/22	JLI	SW8260C
Naphthalene	ND	0.85	ug/Kg	1	01/04/22	JLI	SW8260C
n-Butylbenzene	ND	0.85	ug/Kg	1	01/04/22	JLI	SW8260C
n-Propylbenzene	ND	0.85	ug/Kg	1	01/04/22	JLI	SW8260C
o-Xylene	ND	1.7	ug/Kg	1	01/04/22	JLI	SW8260C
p-Isopropyltoluene	ND	0.85	ug/Kg	1	01/04/22	JLI	SW8260C
sec-Butylbenzene	ND	0.85	ug/Kg	1	01/04/22	JLI	SW8260C
tert-Butylbenzene	ND	0.85	ug/Kg	1	01/04/22	JLI	SW8260C
Toluene	ND	1.7	ug/Kg	1	01/04/22	JLI	SW8260C
Total Xylenes	ND	1.7	ug/Kg	1	01/04/22	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	01/04/22	JLI	70 - 130 %
% Bromofluorobenzene	100		%	1	01/04/22	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	01/04/22	JLI	70 - 130 %
% Toluene-d8	100		%	1	01/04/22	JLI	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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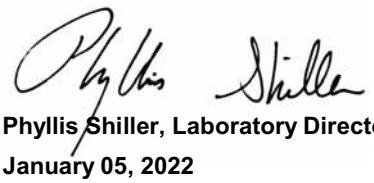

Phyllis Shiller, Laboratory Director
January 05, 2022
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	11:45
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07811

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRYWELL 1-VOC-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Volatiles- STARS/CP-51							
1,2,4-Trimethylbenzene	ND	1.2	ug/Kg	1	01/04/22	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	1.2	ug/Kg	1	01/04/22	JLI	SW8260C
Benzene	ND	2.4	ug/Kg	1	01/04/22	JLI	SW8260C
Ethylbenzene	ND	2.4	ug/Kg	1	01/04/22	JLI	SW8260C
Isopropylbenzene	ND	1.2	ug/Kg	1	01/04/22	JLI	SW8260C
m&p-Xylene	ND	2.4	ug/Kg	1	01/04/22	JLI	SW8260C
Methyl t-Butyl Ether (MTBE)	ND	1.2	ug/Kg	1	01/04/22	JLI	SW8260C
Naphthalene	ND	1.2	ug/Kg	1	01/04/22	JLI	SW8260C
n-Butylbenzene	ND	1.2	ug/Kg	1	01/04/22	JLI	SW8260C
n-Propylbenzene	ND	1.2	ug/Kg	1	01/04/22	JLI	SW8260C
o-Xylene	ND	2.4	ug/Kg	1	01/04/22	JLI	SW8260C
p-Isopropyltoluene	ND	1.2	ug/Kg	1	01/04/22	JLI	SW8260C
sec-Butylbenzene	ND	1.2	ug/Kg	1	01/04/22	JLI	SW8260C
tert-Butylbenzene	ND	1.2	ug/Kg	1	01/04/22	JLI	SW8260C
Toluene	ND	2.4	ug/Kg	1	01/04/22	JLI	SW8260C
Total Xylenes	ND	2.4	ug/Kg	1	01/04/22	JLI	SW8260C
QA/QC Surrogates							
% 1,2-Dichlorobenzene-d4	99		%	1	01/04/22	JLI	70 - 130 %
% Bromofluorobenzene	96		%	1	01/04/22	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	01/04/22	JLI	70 - 130 %
% Toluene-d8	99		%	1	01/04/22	JLI	70 - 130 %

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530 Phoenix I.D.: CK07811
Client ID: DRYWELL 1-VOC-B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

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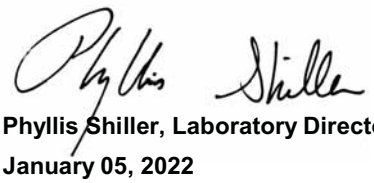

Phyllis Shiller, Laboratory Director
January 05, 2022
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	11:55
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07812

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRYWELL 1-SVOC

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82		%		12/30/21	C	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				01/03/22	I/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Acenaphthylene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Anthracene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Benz(a)anthracene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(a)pyrene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(b)fluoranthene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(ghi)perylene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(k)fluoranthene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Chrysene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Fluoranthene	510	280	ug/Kg	1	01/04/22	WB	SW8270D
Fluorene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Naphthalene	ND	280	ug/Kg	1	01/04/22	WB	SW8270D
Phenanthrene	320	280	ug/Kg	1	01/04/22	WB	SW8270D
Pyrene	320	280	ug/Kg	1	01/04/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	79		%	1	01/04/22	WB	30 - 130 %
% Nitrobenzene-d5	65		%	1	01/04/22	WB	30 - 130 %
% Terphenyl-d14	64		%	1	01/04/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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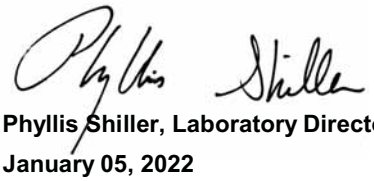

Phyllis Shiller, Laboratory Director
January 05, 2022
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	15:10
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07814

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRIVEWAY-SVOC

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		12/30/21	C	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				01/03/22	I/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	250	ug/Kg	1	01/04/22	WB	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	01/04/22	WB	SW8270D
Anthracene	340	250	ug/Kg	1	01/04/22	WB	SW8270D
Benz(a)anthracene	900	250	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(a)pyrene	880	250	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(b)fluoranthene	760	250	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(ghi)perylene	520	250	ug/Kg	1	01/04/22	WB	SW8270D
Benzo(k)fluoranthene	770	250	ug/Kg	1	01/04/22	WB	SW8270D
Chrysene	860	250	ug/Kg	1	01/04/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	01/04/22	WB	SW8270D
Fluoranthene	1500	250	ug/Kg	1	01/04/22	WB	SW8270D
Fluorene	ND	250	ug/Kg	1	01/04/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	590	250	ug/Kg	1	01/04/22	WB	SW8270D
Naphthalene	ND	250	ug/Kg	1	01/04/22	WB	SW8270D
Phenanthrene	1400	250	ug/Kg	1	01/04/22	WB	SW8270D
Pyrene	1100	250	ug/Kg	1	01/04/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	91		%	1	01/04/22	WB	30 - 130 %
% Nitrobenzene-d5	77		%	1	01/04/22	WB	30 - 130 %
% Terphenyl-d14	60		%	1	01/04/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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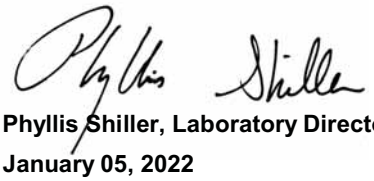

Phyllis Shiller, Laboratory Director
January 05, 2022
Reviewed and Released by: Ethan Lee, Project Manager

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	15:10
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07815

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRIVEWAY-METALS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	1	01/03/22	CPP	SW6010D
Arsenic	9.88	0.70	mg/Kg	1	01/03/22	CPP	SW6010D
Beryllium	0.43	0.28	mg/Kg	1	01/03/22	CPP	SW6010D
Cadmium	1.08	0.35	mg/Kg	1	01/03/22	CPP	SW6010D
Chromium	36.6	0.35	mg/Kg	1	01/03/22	CPP	SW6010D
Copper	71.1	0.7	mg/kg	1	01/03/22	CPP	SW6010D
Mercury	0.05	0.03	mg/Kg	2	01/04/22	AP	SW7471B
Nickel	26.0	0.35	mg/Kg	1	01/04/22	TH	SW6010D
Lead	75.1	0.35	mg/Kg	1	01/03/22	CPP	SW6010D
Antimony	< 3.5	3.5	mg/Kg	1	01/03/22	CPP	SW6010D
Selenium	< 1.4	1.4	mg/Kg	1	01/03/22	CPP	SW6010D
Thallium	< 3.1	3.1	mg/Kg	1	01/03/22	CPP	SW6010D
Zinc	147	0.7	mg/Kg	1	01/03/22	CPP	SW6010D
Percent Solid	91		%		12/30/21	C	SW846-%Solid
Mercury Digestion	Completed				01/04/22	AB/AB	SW7471B
Total Metals Digest	Completed				12/30/21	M/AG	SW3050B

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530 Phoenix I.D.: CK07815
Client ID: DRIVEWAY-METALS

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

Comments:

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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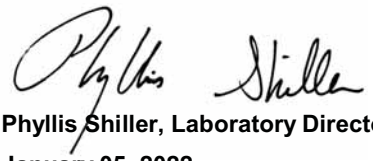

Phyllis Shiller, Laboratory Director
January 05, 2022
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Analysis Report

January 05, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/29/21	15:10
Location Code:	BARRIER	Received by:	CP	12/30/21	15:30
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK07805
Phoenix ID: CK07816

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: DRIVEWAY-PCB/PEST

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	91		%		12/30/21	C	SW846-%Solid
Soil Extraction for PCB	Completed				12/30/21	O/E	SW3545A
Soil Extraction for Pesticide	Completed				12/30/21	O/E	SW3545A
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	10	01/04/22	KCA	SW8082A
PCB-1221	ND	360	ug/Kg	10	01/04/22	KCA	SW8082A
PCB-1232	ND	360	ug/Kg	10	01/04/22	KCA	SW8082A
PCB-1242	ND	360	ug/Kg	10	01/04/22	KCA	SW8082A
PCB-1248	ND	360	ug/Kg	10	01/04/22	KCA	SW8082A
PCB-1254	ND	360	ug/Kg	10	01/04/22	KCA	SW8082A
PCB-1260	ND	360	ug/Kg	10	01/04/22	KCA	SW8082A
PCB-1262	ND	360	ug/Kg	10	01/04/22	KCA	SW8082A
PCB-1268	ND	360	ug/Kg	10	01/04/22	KCA	SW8082A
QA/QC Surrogates							
% DCBP	76		%	10	01/04/22	KCA	30 - 150 %
% DCBP (Confirmation)	69		%	10	01/04/22	KCA	30 - 150 %
% TCMX	68		%	10	01/04/22	KCA	30 - 150 %
% TCMX (Confirmation)	66		%	10	01/04/22	KCA	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.1	ug/Kg	2	01/03/22	AW	SW8081B
4,4' -DDE	7.3	2.1	ug/Kg	2	01/03/22	AW	SW8081B
4,4' -DDT	36	2.1	ug/Kg	2	01/03/22	AW	SW8081B
a-BHC	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
a-Chlordane	ND	3.6	ug/Kg	2	01/03/22	AW	SW8081B
Aldrin	ND	3.6	ug/Kg	2	01/03/22	AW	SW8081B

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530 Phoenix I.D.: CK07816
Client ID: DRIVEWAY-PCB/PEST

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
b-BHC	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
Chlordane	ND	36	ug/Kg	2	01/03/22	AW	SW8081B
d-BHC	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
Dieldrin	ND	3.6	ug/Kg	2	01/03/22	AW	SW8081B
Endosulfan I	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
Endosulfan II	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
Endosulfan sulfate	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
Endrin	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
Endrin aldehyde	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
Endrin ketone	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
g-BHC	ND	1.4	ug/Kg	2	01/03/22	AW	SW8081B
g-Chlordane	ND	3.6	ug/Kg	2	01/03/22	AW	SW8081B
Heptachlor	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
Heptachlor epoxide	ND	7.1	ug/Kg	2	01/03/22	AW	SW8081B
Methoxychlor	ND	36	ug/Kg	2	01/03/22	AW	SW8081B
Toxaphene	ND	140	ug/Kg	2	01/03/22	AW	SW8081B
QA/QC Surrogates							
% DCBP	60		%	2	01/03/22	AW	30 - 150 %
% DCBP (Confirmation)	62		%	2	01/03/22	AW	30 - 150 %
% TCMX	78		%	2	01/03/22	AW	30 - 150 %
% TCMX (Confirmation)	71		%	2	01/03/22	AW	30 - 150 %

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BRL=Below Reporting Level L=Biased Low
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Comments:

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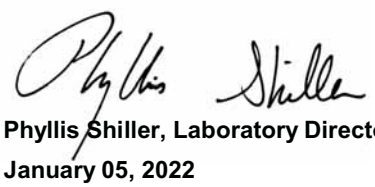

Phyllis Shiller, Laboratory Director
January 05, 2022
Reviewed and Released by: Ethan Lee, Project Manager

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 05, 2022

QA/QC Data

SDG I.D.: GCK07805

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 606813 (mg/kg), QC Sample No: CK07987 2X (CK07809, CK07815)													
Mercury - Soil	BRL	0.01	0.21	0.22	4.70	99.8	92.2	7.9	98.1	74.6	27.2	70 - 130	30
Comment:													
Certified CRM ERA D110-540 was used as the LCS/LCSD													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.													
QA/QC Batch 606554 (mg/kg), QC Sample No: CK07427 (CK07809, CK07815)													
ICP Metals - Soil													
Antimony	BRL	3.3	<4.1	<4.2	NC	94.7	103	8.4	88.6			75 - 125	35
Arsenic	BRL	0.67	7.09	7.36	3.70	103	115	11.0	102			75 - 125	35
Beryllium	BRL	0.27	0.49	0.58	NC	101	112	10.3	101			75 - 125	35
Cadmium	BRL	0.33	0.47	0.56	NC	102	112	9.3	99.0			75 - 125	35
Chromium	BRL	0.33	12.6	17.1	30.3	91.0	101	10.4	107			75 - 125	35
Copper	BRL	0.67	19.2	22.6	16.3	99.2	110	10.3	103			75 - 125	35
Lead	BRL	0.33	75.4	97.0	25.1	96.3	111	14.2	95.8			75 - 125	35
Nickel	BRL	0.33	5.70	8.12	35.0	104	113	8.3	105			75 - 125	35
Selenium	BRL	1.3	<1.6	<1.7	NC	96.0	109	12.7	100			75 - 125	35
Silver	BRL	0.33	<0.41	<0.42	NC	90.6	107	16.6	100			75 - 125	35
Thallium	BRL	3.0	<3.7	<3.7	NC	105	120	13.3	102			75 - 125	35
Zinc	BRL	0.67	89.5	106	16.9	102	115	12.0	103			75 - 125	35
Comment:													
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.													

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QA/QC Report

January 05, 2022

QA/QC Data

SDG I.D.: GCK07805

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 606559 (ug/Kg), QC Sample No: CK07861 2X (CK07816)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	91	87	4.5	68	65	4.5	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	88	86	2.3	68	65	4.5	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	78	%	90	88	2.2	68	64	6.1	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	78	%	88	86	2.3	68	63	7.6	30 - 150	30
% TCMX (Surrogate Rec)	83	%	93	87	6.7	67	63	6.2	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	81	%	93	87	6.7	67	64	4.6	30 - 150	30
QA/QC Batch 606561 (ug/Kg), QC Sample No: CK07861 2X (CK07816)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	107	93	14.0	84	85	1.2	40 - 140	30
4,4' -DDE	ND	1.7	112	103	8.4	85	90	5.7	40 - 140	30
4,4' -DDT	ND	1.7	93	85	9.0	72	76	5.4	40 - 140	30
a-BHC	ND	1.0	109	99	9.6	66	75	12.8	40 - 140	30
a-Chlordane	ND	3.3	104	103	1.0	78	88	12.0	40 - 140	30
Aldrin	ND	1.0	103	97	6.0	70	79	12.1	40 - 140	30
b-BHC	ND	1.0	124	117	5.8	80	95	17.1	40 - 140	30
Chlordane	ND	33	111	102	8.5	79	87	9.6	40 - 140	30
d-BHC	ND	3.3	100	93	7.3	71	78	9.4	40 - 140	30
Dieldrin	ND	1.0	105	93	12.1	69	78	12.2	40 - 140	30
Endosulfan I	ND	3.3	107	93	14.0	67	77	13.9	40 - 140	30
Endosulfan II	ND	3.3	107	101	5.8	75	86	13.7	40 - 140	30
Endosulfan sulfate	ND	3.3	98	88	10.8	71	80	11.9	40 - 140	30
Endrin	ND	3.3	98	92	6.3	71	76	6.8	40 - 140	30
Endrin aldehyde	ND	3.3	77	73	5.3	60	65	8.0	40 - 140	30
Endrin ketone	ND	3.3	93	84	10.2	69	72	4.3	40 - 140	30
g-BHC	ND	1.0	115	109	5.4	74	86	15.0	40 - 140	30
g-Chlordane	ND	3.3	111	102	8.5	79	87	9.6	40 - 140	30
Heptachlor	ND	3.3	99	94	5.2	64	75	15.8	40 - 140	30
Heptachlor epoxide	ND	3.3	96	90	6.5	68	75	9.8	40 - 140	30
Methoxychlor	ND	3.3	91	83	9.2	75	77	2.6	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	85	%	87	78	10.9	68	71	4.3	30 - 150	30
% DCBP (Confirmation)	92	%	89	77	14.5	58	70	18.8	30 - 150	30
% TCMX	110	%	111	106	4.6	75	87	14.8	30 - 150	30
% TCMX (Confirmation)	101	%	100	93	7.3	60	77	24.8	30 - 150	30

QA/QC Data

SDG I.D.: GCK07805

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 606755 (ug/kg), QC Sample No: CK07796 (CK07806, CK07808, CK07812, CK07814)										
Polynuclear Aromatic HC - Soil										
Acenaphthene	ND	230	84	88	4.7	92	92	0.0	30 - 130	30
Acenaphthylene	ND	230	79	83	4.9	85	86	1.2	40 - 140	30
Anthracene	ND	230	83	86	3.6	86	89	3.4	40 - 140	30
Benz(a)anthracene	ND	230	84	87	3.5	88	89	1.1	40 - 140	30
Benzo(a)pyrene	ND	230	77	80	3.8	80	82	2.5	40 - 140	30
Benzo(b)fluoranthene	ND	230	81	85	4.8	83	85	2.4	40 - 140	30
Benzo(ghi)perylene	ND	230	95	98	3.1	98	106	7.8	40 - 140	30
Benzo(k)fluoranthene	ND	230	73	79	7.9	78	80	2.5	40 - 140	30
Chrysene	ND	230	81	86	6.0	86	90	4.5	40 - 140	30
Dibenz(a,h)anthracene	ND	230	89	91	2.2	96	98	2.1	40 - 140	30
Fluoranthene	ND	230	87	93	6.7	92	93	1.1	40 - 140	30
Fluorene	ND	230	82	86	4.8	93	92	1.1	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	230	95	97	2.1	103	104	1.0	40 - 140	30
Naphthalene	ND	230	71	77	8.1	78	77	1.3	40 - 140	30
Phenanthrene	ND	230	83	87	4.7	89	91	2.2	40 - 140	30
Pyrene	ND	230	69	88	24.2	82	91	10.4	30 - 130	30
% 2-Fluorobiphenyl	90	%	76	78	2.6	78	81	3.8	30 - 130	30
% Nitrobenzene-d5	69	%	75	67	11.3	69	70	1.4	30 - 130	30
% Terphenyl-d14	97	%	82	96	15.7	90	97	7.5	30 - 130	30
QA/QC Batch 607005 (ug/kg), QC Sample No: CK07582 (CK07807)										
Volatiles - Soil (Low Level)										
1,2,4-Trimethylbenzene	ND	1.0	93	100	7.3				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	97	103	6.0				70 - 130	30
Benzene	ND	1.0	93	101	8.2				70 - 130	30
Ethylbenzene	ND	1.0	94	99	5.2				70 - 130	30
Isopropylbenzene	ND	1.0	97	103	6.0				70 - 130	30
m&p-Xylene	ND	2.0	94	100	6.2				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	92	104	12.2				70 - 130	30
Naphthalene	ND	5.0	92	106	14.1				70 - 130	30
n-Butylbenzene	ND	1.0	98	104	5.9				70 - 130	30
n-Propylbenzene	ND	1.0	96	102	6.1				70 - 130	30
o-Xylene	ND	2.0	93	100	7.3				70 - 130	30
p-Isopropyltoluene	ND	1.0	97	104	7.0				70 - 130	30
sec-Butylbenzene	ND	1.0	97	103	6.0				70 - 130	30
tert-Butylbenzene	ND	1.0	96	104	8.0				70 - 130	30
Toluene	ND	1.0	92	99	7.3				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	99	100	1.0				70 - 130	30
% Bromofluorobenzene	97	%	100	100	0.0				70 - 130	30
% Dibromofluoromethane	101	%	99	99	0.0				70 - 130	30
% Toluene-d8	99	%	101	100	1.0				70 - 130	30

Comment:

The Low Level MS/MSD are not reported for this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 606884 (ug/kg), QC Sample No: CK07608 (CK07805, CK07810, CK07811)										
Volatiles - Soil (Low Level)										
1,2,4-Trimethylbenzene	ND	1.0	101	110	8.5	89	96	7.6	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	105	113	7.3	95	101	6.1	70 - 130	30
Benzene	ND	1.0	98	109	10.6	100	99	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GCK07805

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Ethylbenzene	ND	1.0	100	109	8.6	95	98	3.1	70 - 130	30
Isopropylbenzene	ND	1.0	105	113	7.3	99	103	4.0	70 - 130	30
m&p-Xylene	ND	2.0	101	110	8.5	95	98	3.1	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	95	108	12.8	98	99	1.0	70 - 130	30
Naphthalene	ND	5.0	98	111	12.4	71	86	19.1	70 - 130	30
n-Butylbenzene	ND	1.0	108	116	7.1	86	96	11.0	70 - 130	30
n-Propylbenzene	ND	1.0	105	112	6.5	95	99	4.1	70 - 130	30
o-Xylene	ND	2.0	100	108	7.7	94	98	4.2	70 - 130	30
p-Isopropyltoluene	ND	1.0	107	115	7.2	91	99	8.4	70 - 130	30
sec-Butylbenzene	ND	1.0	106	114	7.3	92	100	8.3	70 - 130	30
tert-Butylbenzene	ND	1.0	104	113	8.3	95	101	6.1	70 - 130	30
Toluene	ND	1.0	99	108	8.7	97	98	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	101	100	1.0	99	100	1.0	70 - 130	30
% Bromofluorobenzene	95	%	101	100	1.0	99	100	1.0	70 - 130	30
% Dibromofluoromethane	97	%	98	99	1.0	97	99	2.0	70 - 130	30
% Toluene-d8	99	%	101	101	0.0	101	102	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
January 05, 2022

Wednesday, January 05, 2022

Criteria: NY: CP51S

State: NY

Sample Criteria Exceedances Report

GCK07805 - BARRIER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK07806	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	830	370	500	500	ug/Kg
CK07806	$8270SSR	Chrysene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1500	370	1000	1000	ug/Kg
CK07806	$8270SSR	Benzo(k)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1400	370	800	800	ug/Kg
CK07806	$8270SSR	Benzo(b)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1200	370	1000	1000	ug/Kg
CK07806	$8270SSR	Benzo(a)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1100	370	1000	1000	ug/Kg
CK07806	$8270SSR	Benz(a)anthracene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1300	370	1000	1000	ug/Kg
CK07814	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	590	250	500	500	ug/Kg

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 05, 2022 SDG I.D.: GCK07805

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

PCB Narration

AU-ECD29 01/03/22-1: CK07816

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CK07816
Preceding CC 103B034 - None.
Succeeding CC 103B045 - PCB 1260 18%L (%)

PEST Narration

AU-ECD7 01/03/22-1: CK07816

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CK07816
Preceding CC 103B024 - None.
Succeeding CC 103B037 - Endosulfan II 21%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

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NY Temperature Narration

January 05, 2022

SDG I.D.: GCK07805

The samples in this delivery group were received at 2.5°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 3.6 °C Pg of

NY/NJ/PA CHAIN OF CUSTODY RECORD

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: Barrier Contracting LLC
Address: PO Box 385
Tarrytown NY 10591

Project: 22 S Washington Av
Report to: Barrier Hartsdale NY 10530
Invoice to:
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: [signature] Date: 12/29/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Client Sample - Information - Identification

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8260 STARS LIST	8270 STARS LIST	METALS - PP-13	PCBS & PESTICIDES	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
07805	DRYWELL 2 - SED - VOC	S	12-29-21	10:30	X				3											
07806	" SED - SVOC			10:30		X					1									
07807	DRYWELL 2 - FLOOR - VOC			11:00	X				3											
07808	" FLOOR - SVOC			11:00		X					1									
07809	" FLOOR - METALS			11:00			X				1									
07810	DRY WELL 1 - VOC - A			11:35	X				3											
07811	" - VOC - B			11:45	X				3											
07812	" - SVOC			11:55		X					1									
* 07813	DRIVEWAY - VOC			14:55	X				3											
07814	" - SVOC			15:10		X					1									
07815	" - METALS			15:10			X				1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	12-30-21	10:50
[signature]	[signature]	12/30/21	15:30

Comments, Special Requirements or Regulations:
Pg 1 of 2
*DO not run VOC per client
mjp

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. *
☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☒ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

Cooler: Yes ☒ No ☐
Coolant: IPK ☒ ICE ☐ No ☐
Temp 2.3 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: Barrier Contracting LLC
Address: PO Box 385
Tarrytown NY 10591

Project: 225 Washington Ave
Report to: Hartsdale NY 10530
Invoice to: Barrier
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 12/29/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	PCBs & PESTICIDES	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container (8) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
078116	DRIVEWAY-PCBS/PEST	S	12-29-21	15:10	X				1								

Relinquished by:	Accepted by:	Date:	Time:
[signature] BC/SR	[signature]	12-30-21	10:50
		12/30/21	15:30

Comments, Special Requirements or Regulations:
Pg 2 of 2

Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☒ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

PHOENIX
Environmental Laboratories, Inc.

Friday, January 07, 2022

Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
SDG ID: GCK09185
Sample ID#s: CK09185

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

January 07, 2022

SDG I.D.: GCK09185

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530

Client Id	Lab Id	Matrix
EXCAV 2	CK09185	SOIL

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 07, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		12/31/21	14:30
Location Code:	BARRIER	Received by:	CP	01/04/22	15:11
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK09185
Phoenix ID: CK09185

Project ID: 22 S WASHINGTON AVE HARTSDALE NY 10530
Client ID: EXCAV 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	1	01/05/22	TH	SW6010D
Arsenic	4.31	0.77	mg/Kg	1	01/05/22	TH	SW6010D
Beryllium	0.55	0.31	mg/Kg	1	01/05/22	TH	SW6010D
Cadmium	1.40	0.39	mg/Kg	1	01/05/22	TH	SW6010D
Chromium	39.4	0.39	mg/Kg	1	01/05/22	TH	SW6010D
Copper	78.0	0.8	mg/kg	1	01/05/22	TH	SW6010D
Mercury	0.05	0.03	mg/Kg	2	01/05/22	AP	SW7471B
Nickel	38.5	0.39	mg/Kg	1	01/05/22	TH	SW6010D
Lead	72.4	0.39	mg/Kg	1	01/05/22	TH	SW6010D
Antimony	< 3.9	3.9	mg/Kg	1	01/05/22	TH	SW6010D
Selenium	< 1.5	1.5	mg/Kg	1	01/05/22	TH	SW6010D
Thallium	< 3.5	3.5	mg/Kg	1	01/05/22	TH	SW6010D
Zinc	351	0.8	mg/Kg	1	01/05/22	TH	SW6010D
Percent Solid	85		%		01/04/22	JS	SW846-%Solid
Soil Extraction for PCB	Completed				01/04/22	O/E	SW3545A
Soil Extraction for Pesticide	Completed				01/04/22	O/E	SW3545A
Mercury Digestion	Completed				01/05/22	AB/AB	SW7471B
Soil Extraction for SVOA PAH	Completed				01/05/22	I/Y	SW3546
Total Metals Digest	Completed				01/04/22	M/AG	SW3050B
Polychlorinated Biphenyls							
PCB-1016	ND	390	ug/Kg	10	01/05/22	SC	SW8082A
PCB-1221	ND	390	ug/Kg	10	01/05/22	SC	SW8082A
PCB-1232	ND	390	ug/Kg	10	01/05/22	SC	SW8082A
PCB-1242	ND	390	ug/Kg	10	01/05/22	SC	SW8082A
PCB-1248	ND	390	ug/Kg	10	01/05/22	SC	SW8082A
PCB-1254	ND	390	ug/Kg	10	01/05/22	SC	SW8082A

Ver 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
PCB-1260	ND	390	ug/Kg	10	01/05/22	SC	SW8082A
PCB-1262	ND	390	ug/Kg	10	01/05/22	SC	SW8082A
PCB-1268	ND	390	ug/Kg	10	01/05/22	SC	SW8082A
QA/QC Surrogates							
% DCBP	104		%	10	01/05/22	SC	30 - 150 %
% DCBP (Confirmation)	92		%	10	01/05/22	SC	30 - 150 %
% TCMX	81		%	10	01/05/22	SC	30 - 150 %
% TCMX (Confirmation)	76		%	10	01/05/22	SC	30 - 150 %
Pesticides - Soil							
4,4' -DDD	ND	2.3	ug/Kg	2	01/05/22	AW	SW8081B
4,4' -DDE	ND	2.3	ug/Kg	2	01/05/22	AW	SW8081B
4,4' -DDT	ND	3.0	ug/Kg	2	01/05/22	AW	SW8081B
a-BHC	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
a-Chlordane	ND	3.9	ug/Kg	2	01/05/22	AW	SW8081B
Aldrin	ND	3.9	ug/Kg	2	01/05/22	AW	SW8081B
b-BHC	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
Chlordane	ND	39	ug/Kg	2	01/05/22	AW	SW8081B
d-BHC	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
Dieldrin	ND	3.9	ug/Kg	2	01/05/22	AW	SW8081B
Endosulfan I	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
Endosulfan II	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
Endosulfan sulfate	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
Endrin	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
Endrin aldehyde	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
Endrin ketone	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
g-BHC	ND	1.6	ug/Kg	2	01/05/22	AW	SW8081B
g-Chlordane	ND	3.9	ug/Kg	2	01/05/22	AW	SW8081B
Heptachlor	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
Heptachlor epoxide	ND	7.8	ug/Kg	2	01/05/22	AW	SW8081B
Methoxychlor	ND	39	ug/Kg	2	01/05/22	AW	SW8081B
Toxaphene	ND	160	ug/Kg	2	01/05/22	AW	SW8081B
QA/QC Surrogates							
% DCBP	56		%	2	01/05/22	AW	30 - 150 %
% DCBP (Confirmation)	75		%	2	01/05/22	AW	30 - 150 %
% TCMX	58		%	2	01/05/22	AW	30 - 150 %
% TCMX (Confirmation)	64		%	2	01/05/22	AW	30 - 150 %
Semivolatiles-STARS/CP-51							
Acenaphthene	4200	270	ug/Kg	1	01/06/22	WB	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	01/06/22	WB	SW8270D
Anthracene	6100	270	ug/Kg	1	01/06/22	WB	SW8270D
Benz(a)anthracene	18000	2700	ug/Kg	10	01/06/22	WB	SW8270D
Benzo(a)pyrene	16000	2700	ug/Kg	10	01/06/22	WB	SW8270D
Benzo(b)fluoranthene	15000	2700	ug/Kg	10	01/06/22	WB	SW8270D
Benzo(ghi)perylene	10000	2700	ug/Kg	10	01/06/22	WB	SW8270D
Benzo(k)fluoranthene	14000	2700	ug/Kg	10	01/06/22	WB	SW8270D
Chrysene	18000	2700	ug/Kg	10	01/06/22	WB	SW8270D
Dibenz(a,h)anthracene	4200	270	ug/Kg	1	01/06/22	WB	SW8270D
Fluoranthene	45000	2700	ug/Kg	10	01/06/22	WB	SW8270D

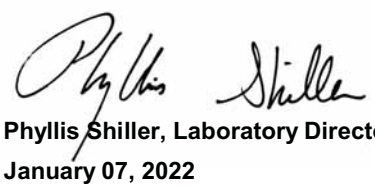
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Fluorene	4400	270	ug/Kg	1	01/06/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	11000	2700	ug/Kg	10	01/06/22	WB	SW8270D
Naphthalene	2000	270	ug/Kg	1	01/06/22	WB	SW8270D
Phenanthrene	38000	2700	ug/Kg	10	01/06/22	WB	SW8270D
Pyrene	37000	2700	ug/Kg	10	01/06/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	66		%	1	01/06/22	WB	30 - 130 %
% Nitrobenzene-d5	79		%	1	01/06/22	WB	30 - 130 %
% Terphenyl-d14	113		%	1	01/06/22	WB	30 - 130 %
% 2-Fluorobiphenyl (10x)	Diluted Out		%	10	01/06/22	WB	30 - 130 %
% Nitrobenzene-d5 (10x)	Diluted Out		%	10	01/06/22	WB	30 - 130 %
% Terphenyl-d14 (10x)	Diluted Out		%	10	01/06/22	WB	30 - 130 %

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
January 07, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 07, 2022

QA/QC Data

SDG I.D.: GCK09185

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 607000 (mg/kg), QC Sample No: CK09006 2X (CK09185)														
Mercury - Soil	BRL	0.03	<0.04	<0.03	NC	115	109	5.4	70.8	58.1	19.7	70 - 130	30	m
Comment:														
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%. MS acceptance range is 75-125%.														
QA/QC Batch 606889 (mg/kg), QC Sample No: CK08836 (CK09185)														
ICP Metals - Soil														
Antimony	BRL	3.3	<3.9	<4.3	NC	97.6	93.5	4.3	92.4			75 - 125	35	
Arsenic	BRL	0.67	2.67	3.97	NC	105	97.4	7.5	102			75 - 125	35	
Beryllium	BRL	0.27	0.38	0.52	NC	105	98.0	6.9	105			75 - 125	35	
Cadmium	BRL	0.33	0.63	0.92	NC	97.2	90.3	7.4	102			75 - 125	35	
Chromium	BRL	0.33	18.3	27.4	39.8	107	98.1	8.7	109			75 - 125	35	r
Copper	BRL	0.67	14.8	22.4	40.9	107	97.0	9.8	105			75 - 125	35	r
Lead	BRL	0.33	18.8	41.3	74.9	112	104	7.4	103			75 - 125	35	r
Nickel	BRL	0.33	11.6	17.7	41.6	94.5	91.1	3.7	106			75 - 125	35	r
Selenium	BRL	1.3	<1.6	<1.7	NC	103	97.4	5.6	103			75 - 125	35	
Silver	BRL	0.33	<0.39	<0.43	NC	107	98.8	8.0	99.5			75 - 125	35	
Thallium	BRL	3.0	<3.5	<3.8	NC	102	97.0	5.0	99.3			75 - 125	35	
Zinc	BRL	0.67	36.6	55.5	41.0	109	100	8.6	117			75 - 125	35	r
Comment:														
Additional Criteria: LCS acceptance range is 80-120% MS acceptance range 75-125%.														

m = This parameter is outside laboratory MS/MSD specified recovery limits.
r = This parameter is outside laboratory RPD specified recovery limits.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 07, 2022

QA/QC Data

SDG I.D.: GCK09185

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 606874 (ug/Kg), QC Sample No: CK08836 2X (CK09185)										
Polychlorinated Biphenyls - Soil										
PCB-1016	ND	33	84	87	3.5	72	65	10.2	40 - 140	30
PCB-1221	ND	33							40 - 140	30
PCB-1232	ND	33							40 - 140	30
PCB-1242	ND	33							40 - 140	30
PCB-1248	ND	33							40 - 140	30
PCB-1254	ND	33							40 - 140	30
PCB-1260	ND	33	83	87	4.7	72	66	8.7	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	84	%	93	93	0.0	73	68	7.1	30 - 150	30
% DCBP (Surrogate Rec) (Confirm	90	%	100	92	8.3	75	66	12.8	30 - 150	30
% TCMX (Surrogate Rec)	79	%	84	88	4.7	71	64	10.4	30 - 150	30
% TCMX (Surrogate Rec) (Confirm	75	%	85	83	2.4	71	61	15.2	30 - 150	30
QA/QC Batch 606875 (ug/Kg), QC Sample No: CK08836 2X (CK09185)										
Pesticides - Soil										
4,4' -DDD	ND	1.7	92	76	19.0	59	59	0.0	40 - 140	30
4,4' -DDE	ND	1.7	90	76	16.9	61	61	0.0	40 - 140	30
4,4' -DDT	ND	1.7	87	73	17.5	61	63	3.2	40 - 140	30
a-BHC	ND	1.0	84	71	16.8	56	58	3.5	40 - 140	30
a-Chlordane	ND	3.3	83	71	15.6	53	47	12.0	40 - 140	30
Aldrin	ND	1.0	85	72	16.6	52	51	1.9	40 - 140	30
b-BHC	ND	1.0	99	84	16.4	64	65	1.6	40 - 140	30
Chlordane	ND	33	83	73	12.8	68	60	12.5	40 - 140	30
d-BHC	ND	3.3	84	71	16.8	52	46	12.2	40 - 140	30
Dieldrin	ND	1.0	86	73	16.4	56	56	0.0	40 - 140	30
Endosulfan I	ND	3.3	86	75	13.7	54	55	1.8	40 - 140	30
Endosulfan II	ND	3.3	100	86	15.1	62	63	1.6	40 - 140	30
Endosulfan sulfate	ND	3.3	91	77	16.7	58	58	0.0	40 - 140	30
Endrin	ND	3.3	81	69	16.0	53	52	1.9	40 - 140	30
Endrin aldehyde	ND	3.3	75	62	19.0	48	52	8.0	40 - 140	30
Endrin ketone	ND	3.3	89	76	15.8	57	59	3.4	40 - 140	30
g-BHC	ND	1.0	86	73	16.4	57	57	0.0	40 - 140	30
g-Chlordane	ND	3.3	83	73	12.8	68	60	12.5	40 - 140	30
Heptachlor	ND	3.3	86	74	15.0	34	36	5.7	40 - 140	30
Heptachlor epoxide	ND	3.3	88	76	14.6	64	58	9.8	40 - 140	30
Methoxychlor	ND	3.3	84	70	18.2	57	61	6.8	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	91	%	92	79	15.2	64	65	1.6	30 - 150	30
% DCBP (Confirmation)	106	%	106	91	15.2	86	95	9.9	30 - 150	30
% TCMX	86	%	88	76	14.6	64	63	1.6	30 - 150	30
% TCMX (Confirmation)	83	%	81	73	10.4	68	75	9.8	30 - 150	30

QA/QC Data

SDG I.D.: GCK09185

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 607036 (ug/kg), QC Sample No: CK08944 (CK09185)											
Polynuclear Aromatic HC - Soil											
Acenaphthene	ND	230	87	82	5.9	69	62	10.7	30 - 130	30	
Acenaphthylene	ND	230	80	76	5.1	64	58	9.8	40 - 140	30	
Anthracene	ND	230	86	82	4.8	69	62	10.7	40 - 140	30	
Benz(a)anthracene	ND	230	84	79	6.1	69	63	9.1	40 - 140	30	
Benzo(a)pyrene	ND	230	83	80	3.7	69	61	12.3	40 - 140	30	
Benzo(b)fluoranthene	ND	230	87	85	2.3	70	62	12.1	40 - 140	30	
Benzo(ghi)perylene	ND	230	88	87	1.1	76	70	8.2	40 - 140	30	
Benzo(k)fluoranthene	ND	230	89	84	5.8	69	61	12.3	40 - 140	30	
Chrysene	ND	230	87	83	4.7	70	63	10.5	40 - 140	30	
Dibenz(a,h)anthracene	ND	230	93	92	1.1	80	74	7.8	40 - 140	30	
Fluoranthene	ND	230	94	90	4.3	75	69	8.3	40 - 140	30	
Fluorene	ND	230	86	78	9.8	72	63	13.3	40 - 140	30	
Indeno(1,2,3-cd)pyrene	ND	230	107	77	32.6	72	64	11.8	40 - 140	30	r
Naphthalene	ND	230	75	71	5.5	60	54	10.5	40 - 140	30	
Phenanthrene	ND	230	84	79	6.1	73	64	13.1	40 - 140	30	
Pyrene	ND	230	97	94	3.1	75	71	5.5	30 - 130	30	
% 2-Fluorobiphenyl	82	%	78	80	2.5	60	58	3.4	30 - 130	30	
% Nitrobenzene-d5	68	%	68	66	3.0	61	50	19.8	30 - 130	30	
% Terphenyl-d14	87	%	97	96	1.0	74	71	4.1	30 - 130	30	

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
January 07, 2022

Friday, January 07, 2022

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCK09185 - BARRIER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 07, 2022 SDG I.D.: GCK09185

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

PCB Narration

AU-ECD29 01/05/22-1: CK09185

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CK09185
Preceding CC 105B016 - DCBP SURR 16%L (15%)
Succeeding CC 105B028 - None.

PEST Narration

AU-ECD35 01/05/22-1: CK09185

The following Continuing Calibration compounds did not meet % deviation criteria:
Samples: CK09185
Preceding CC 105B030 - Endosulfan II 24%L (20%)
Succeeding CC 105B044 - % DCBP 23%L (20%), Endosulfan II 25%L (20%), Methoxychlor 27%L (20%)
A low "1A" standard was run after the samples to demonstrate capability to detect any compounds outside of the CC acceptance criteria. All reported samples were ND for the affected compounds.

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NY Temperature Narration

January 07, 2022

SDG I.D.: GCK09185

The samples in this delivery group were received at 2.8°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes [X] No [ ]
Coolant: IPK [X] ICE [ ] No [ ]

NY/NJ/PA CHAIN OF CUSTODY RECORD

Temp 2.8 C Pg of

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
[ ] Phone:
[ ] Fax:
[ ] Email:

Customer: Barrier Contracting LLC
Address: PO BOX 385
Tarrytown NY 10591

Project: 22 S Washington Av
Report to: Hartsdale NY 10530
Invoice to: Barrier
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: D. Feglis Date: 12/31/21

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request: 8270 STARS LIST; PP-13 METALS; PCBs/PESTICIDES

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8270 STARS LIST	PP-13 METALS	PCBs/PESTICIDES	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4)oz	GL Soil container (8)oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
09185	Excav 2 - SVOCs	S	12/31/21	14:30	X					1									
	Excav 2 - METALS	S	↓	↓		X				1									
	Excav 2 - PCB/PEST	S	↓	↓			X				1								

Relinquished by:	Accepted by:	Date:	Time:
		12/31/2022	1253
		1/1/14	1511

Comments, Special Requirements or Regulations:

Data Format:
[ ] Phoenix Std Report [ ] EQuIS
[ ] Excel [ ] NJ Hazsite EDD
[ ] PDF [ ] NY EZ EDD (ASP)
[ ] GIS/Key [ ] Other

Turnaround:
[ ] 1 Day*
[ ] 2 Days*
[ ] 3 Days*
[ ] 5 Days
[ ] 10 Days
[ ] Other
* SURCHARGE

NJ
[ ] Res. Criteria
[ ] Non-Res. Criteria
[ ] Impact to GW Soil Cleanup Criteria
[ ] Impact to GW soil screen Criteria
[ ] GW Criteria

Data Package:
[ ] NJ Reduced Deliv. *
[ ] Other
[ ] NY Enhanced (ASP B) *

NY
[ ] TOGS GW
[ ] CP-51 SOIL
[ ] 375SCO Unrestricted Soil
[ ] 375SCO Residential Soil
[ ] 375SCO Residential
[ ] 375SCO Commercial Soil
[ ] 375SCO Industrial Soil
[ ] Subpart 5 DW

PA
[ ] Clean Fill Limits
[ ] PA-GW
[ ] Reg Fill Limits
[ ] PA Soil Restricted
[ ] PA Soil non-restricted

State Samples Collected?

PHOENIX
Environmental Laboratories, Inc.

Monday, February 07, 2022

Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
SDG ID: GCK30239
Sample ID#s: CK30239 - CK30243

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

February 07, 2022

SDG I.D.: GCK30239

Project ID: 22 S WASHINGTON AVE HARTSDALE NY

Client Id	Lab Id	Matrix
EXCAV 2-WALL-N	CK30239	SOIL
EXCAV 2-FLOOR-N	CK30240	SOIL
EXCAV 2-E WALL-N	CK30241	SOIL
EXCAV 2-FLOOR-S	CK30242	SOIL
EXCAV 2-E WALL-S	CK30243	SOIL

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 07, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/02/22	16:10
Location Code:	BARRIER	Received by:	CP	02/04/22	14:57
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK30239
Phoenix ID: CK30239

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 2-WALL-N

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82		%		02/04/22	C	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				02/04/22	R/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	450	280	ug/Kg	1	02/05/22	WB	SW8270D
Acenaphthylene	ND	280	ug/Kg	1	02/05/22	WB	SW8270D
Anthracene	680	280	ug/Kg	1	02/05/22	WB	SW8270D
Benz(a)anthracene	1400	280	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(a)pyrene	1300	280	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(b)fluoranthene	1200	280	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(ghi)perylene	870	280	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(k)fluoranthene	980	280	ug/Kg	1	02/05/22	WB	SW8270D
Chrysene	1400	280	ug/Kg	1	02/05/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	02/05/22	WB	SW8270D
Fluoranthene	3600	280	ug/Kg	1	02/05/22	WB	SW8270D
Fluorene	400	280	ug/Kg	1	02/05/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	960	280	ug/Kg	1	02/05/22	WB	SW8270D
Naphthalene	280	280	ug/Kg	1	02/05/22	WB	SW8270D
Phenanthrene	2600	280	ug/Kg	1	02/05/22	WB	SW8270D
Pyrene	3000	280	ug/Kg	1	02/05/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	73		%	1	02/05/22	WB	30 - 130 %
% Nitrobenzene-d5	87		%	1	02/05/22	WB	30 - 130 %
% Terphenyl-d14	85		%	1	02/05/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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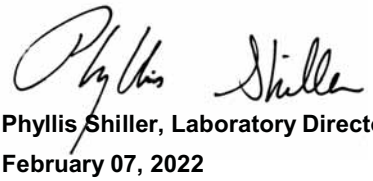

Phyllis Shiller, Laboratory Director
February 07, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

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Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 07, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/02/22	16:20
Location Code:	BARRIER	Received by:	CP	02/04/22	14:57
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK30239
Phoenix ID: CK30240

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 2-FLOOR-N

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	75		%		02/04/22	C	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				02/04/22	R/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Acenaphthylene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Anthracene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Benz(a)anthracene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(a)pyrene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(b)fluoranthene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(ghi)perylene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(k)fluoranthene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Chrysene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Fluoranthene	350	310	ug/Kg	1	02/05/22	WB	SW8270D
Fluorene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Naphthalene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
Phenanthrene	370	310	ug/Kg	1	02/05/22	WB	SW8270D
Pyrene	ND	310	ug/Kg	1	02/05/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	75		%	1	02/05/22	WB	30 - 130 %
% Nitrobenzene-d5	86		%	1	02/05/22	WB	30 - 130 %
% Terphenyl-d14	77		%	1	02/05/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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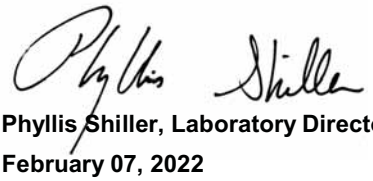

Phyllis Shiller, Laboratory Director

February 07, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 07, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/02/22	16:35
Location Code:	BARRIER	Received by:	CP	02/04/22	14:57
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK30239
Phoenix ID: CK30241

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 2-E WALL-N

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	81		%		02/04/22	C	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				02/04/22	R/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	280	ug/Kg	1	02/05/22	WB	SW8270D
Acenaphthylene	ND	280	ug/Kg	1	02/05/22	WB	SW8270D
Anthracene	ND	280	ug/Kg	1	02/05/22	WB	SW8270D
Benz(a)anthracene	380	280	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(a)pyrene	330	280	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(b)fluoranthene	290	280	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(ghi)perylene	ND	280	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(k)fluoranthene	290	280	ug/Kg	1	02/05/22	WB	SW8270D
Chrysene	360	280	ug/Kg	1	02/05/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	280	ug/Kg	1	02/05/22	WB	SW8270D
Fluoranthene	970	280	ug/Kg	1	02/05/22	WB	SW8270D
Fluorene	ND	280	ug/Kg	1	02/05/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	1	02/05/22	WB	SW8270D
Naphthalene	ND	280	ug/Kg	1	02/05/22	WB	SW8270D
Phenanthrene	780	280	ug/Kg	1	02/05/22	WB	SW8270D
Pyrene	860	280	ug/Kg	1	02/05/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	84		%	1	02/05/22	WB	30 - 130 %
% Nitrobenzene-d5	80		%	1	02/05/22	WB	30 - 130 %
% Terphenyl-d14	82		%	1	02/05/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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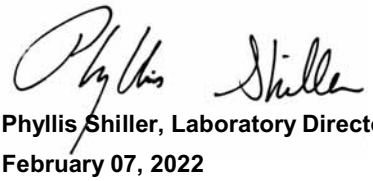

Phyllis Shiller, Laboratory Director

February 07, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 07, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/03/22	13:15
Location Code:	BARRIER	Received by:	CP	02/04/22	14:57
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK30239
Phoenix ID: CK30242

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 2-FLOOR-S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	77		%		02/04/22	C	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				02/04/22	R/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	700	300	ug/Kg	1	02/05/22	WB	SW8270D
Acenaphthylene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Anthracene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Benz(a)anthracene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(a)pyrene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(b)fluoranthene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(ghi)perylene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(k)fluoranthene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Chrysene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Fluoranthene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Fluorene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Naphthalene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Phenanthrene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
Pyrene	ND	300	ug/Kg	1	02/05/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	83		%	1	02/05/22	WB	30 - 130 %
% Nitrobenzene-d5	75		%	1	02/05/22	WB	30 - 130 %
% Terphenyl-d14	77		%	1	02/05/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
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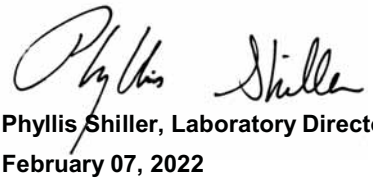

Phyllis Shiller, Laboratory Director
February 07, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 07, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/03/22	13:30
Location Code:	BARRIER	Received by:	CP	02/04/22	14:57
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK30239
Phoenix ID: CK30243

Project ID: 22 S WASHINGTON AVE HARTSDALE NY
Client ID: EXCAV 2-E WALL-S

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	70		%		02/04/22	C	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				02/04/22	R/L	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	370	330	ug/Kg	1	02/05/22	WB	SW8270D
Acenaphthylene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Anthracene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Benz(a)anthracene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(a)pyrene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(b)fluoranthene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(ghi)perylene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Benzo(k)fluoranthene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Chrysene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Fluoranthene	340	330	ug/Kg	1	02/05/22	WB	SW8270D
Fluorene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Naphthalene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Phenanthrene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
Pyrene	ND	330	ug/Kg	1	02/05/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	81		%	1	02/05/22	WB	30 - 130 %
% Nitrobenzene-d5	76		%	1	02/05/22	WB	30 - 130 %
% Terphenyl-d14	81		%	1	02/05/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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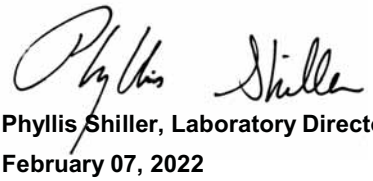

Phyllis Shiller, Laboratory Director
February 07, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 07, 2022

QA/QC Data

SDG I.D.: GCK30239

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 610885 (ug/kg), QC Sample No: CK30244 (CK30239, CK30240, CK30241, CK30242, CK30243)										
Polynuclear Aromatic HC - Soil										
Acenaphthene	ND	230	80	83	3.7	88	85	3.5	30 - 130	30
Acenaphthylene	ND	230	71	73	2.8	78	77	1.3	40 - 140	30
Anthracene	ND	230	84	81	3.6	86	86	0.0	40 - 140	30
Benz(a)anthracene	ND	230	81	79	2.5	82	83	1.2	40 - 140	30
Benzo(a)pyrene	ND	230	77	76	1.3	78	78	0.0	40 - 140	30
Benzo(b)fluoranthene	ND	230	82	78	5.0	84	82	2.4	40 - 140	30
Benzo(ghi)perylene	ND	230	82	79	3.7	86	87	1.2	40 - 140	30
Benzo(k)fluoranthene	ND	230	73	76	4.0	74	77	4.0	40 - 140	30
Chrysene	ND	230	82	80	2.5	84	86	2.4	40 - 140	30
Dibenz(a,h)anthracene	ND	230	86	84	2.4	89	87	2.3	40 - 140	30
Fluoranthene	ND	230	82	80	2.5	86	86	0.0	40 - 140	30
Fluorene	ND	230	82	82	0.0	88	86	2.3	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	230	90	87	3.4	93	94	1.1	40 - 140	30
Naphthalene	ND	230	71	73	2.8	80	76	5.1	40 - 140	30
Phenanthrene	ND	230	83	80	3.7	84	85	1.2	40 - 140	30
Pyrene	ND	230	83	82	1.2	88	88	0.0	30 - 130	30
% 2-Fluorobiphenyl	80	%	73	76	4.0	83	80	3.7	30 - 130	30
% Nitrobenzene-d5	75	%	72	75	4.1	81	76	6.4	30 - 130	30
% Terphenyl-d14	81	%	80	77	3.8	82	81	1.2	30 - 130	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
February 07, 2022

Monday, February 07, 2022

Criteria: NY: CP51S

State: NY

Sample Criteria Exceedances Report

GCK30239 - BARRIER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK30239	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	960	280	500	500	ug/Kg
CK30239	$8270SSR	Chrysene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1400	280	1000	1000	ug/Kg
CK30239	$8270SSR	Benzo(k)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	980	280	800	800	ug/Kg
CK30239	$8270SSR	Benzo(b)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1200	280	1000	1000	ug/Kg
CK30239	$8270SSR	Benzo(a)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1300	280	1000	1000	ug/Kg
CK30239	$8270SSR	Benz(a)anthracene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1400	280	1000	1000	ug/Kg

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

February 07, 2022 SDG I.D.: GCK30239

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

February 07, 2022

SDG I.D.: GCK30239

The samples in this delivery group were received at 2.0°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

NY/NJ/PA CHAIN OF CUSTODY RECORD

Temp 2.0° C Pg of

PHOENIX
Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: Barrier Contracting, LLC
Address: PO Box 385
Tarrytown NY 10591

Project: 225 Washington Av
Report to: Hartsdale NY
Invoice to: Barrier
QUOTE # :

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2/23/22

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request: 8270 STARS List

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled		GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
30239	Excav 2 - Wall-N	S	2-2-22	16:10	X			1									
30240	Excav 2 - Floor-N	S	2-2-22	16:20	X			1									
30241	Excav 2 - EWall-N	S	2-2-22	16:35	X			1									
30242	Excav 2 - Floor-S	S	2-3-22	13:15	X			1									
30243	Excav 2 - EWall-S	S	2-3-22	13:30	X			1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/4/22	1228
	[signature]	2/4/22	14:57

Comments, Special Requirements or Regulations:

Data Format:
☒ Phoenix Std Report ☐ EQuIS
☒ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

NY
☐ TOGS GW
☒ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected?
NY

PHOENIX
Environmental Laboratories, Inc.

Tuesday, February 15, 2022

Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Project ID: 22 S WASHINGTON AVE
SDG ID: GCK65521
Sample ID#s: CK65521 - CK65523

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

February 15, 2022

SDG I.D.: GCK65521

Project ID: 22 S WASHINGTON AVE

Client Id	Lab Id	Matrix
EXCAV 2-W WALL	CK65521	SOIL
EXCAV 2-E WALL	CK65522	SOIL
EXCAV 2-S WALL	CK65523	SOIL

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 15, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/09/22	15:10
Location Code:	BARRIER	Received by:	CP	02/11/22	14:36
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK65521
Phoenix ID: CK65521

Project ID: 22 S WASHINGTON AVE
Client ID: EXCAV 2-W WALL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	79		%		02/11/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				02/14/22	B/A	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	290	ug/Kg	1	02/15/22	WB	SW8270D
Acenaphthylene	ND	290	ug/Kg	1	02/15/22	WB	SW8270D
Anthracene	590	290	ug/Kg	1	02/15/22	WB	SW8270D
Benz(a)anthracene	1900	290	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(a)pyrene	1900	290	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(b)fluoranthene	1900	290	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(ghi)perylene	990	290	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(k)fluoranthene	1900	290	ug/Kg	1	02/15/22	WB	SW8270D
Chrysene	2100	290	ug/Kg	1	02/15/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	290	ug/Kg	1	02/15/22	WB	SW8270D
Fluoranthene	4500	290	ug/Kg	1	02/15/22	WB	SW8270D
Fluorene	ND	290	ug/Kg	1	02/15/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	1200	290	ug/Kg	1	02/15/22	WB	SW8270D
Naphthalene	ND	290	ug/Kg	1	02/15/22	WB	SW8270D
Phenanthrene	2400	290	ug/Kg	1	02/15/22	WB	SW8270D
Pyrene	3800	290	ug/Kg	1	02/15/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	64		%	1	02/15/22	WB	30 - 130 %
% Nitrobenzene-d5	58		%	1	02/15/22	WB	30 - 130 %
% Terphenyl-d14	75		%	1	02/15/22	WB	30 - 130 %

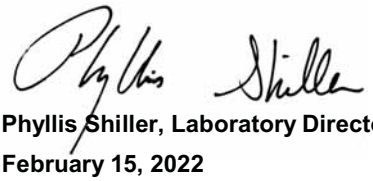
Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

February 15, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 15, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/09/22	15:35
Location Code:	BARRIER	Received by:	CP	02/11/22	14:36
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK65521
Phoenix ID: CK65522

Project ID: 22 S WASHINGTON AVE
Client ID: EXCAV 2-E WALL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		02/11/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				02/14/22	B/A	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	350	270	ug/Kg	1	02/15/22	WB	SW8270D
Acenaphthylene	ND	270	ug/Kg	1	02/15/22	WB	SW8270D
Anthracene	450	270	ug/Kg	1	02/15/22	WB	SW8270D
Benz(a)anthracene	1800	270	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(a)pyrene	1900	270	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(b)fluoranthene	1700	270	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(ghi)perylene	1000	270	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(k)fluoranthene	1600	270	ug/Kg	1	02/15/22	WB	SW8270D
Chrysene	2000	270	ug/Kg	1	02/15/22	WB	SW8270D
Dibenz(a,h)anthracene	270	270	ug/Kg	1	02/15/22	WB	SW8270D
Fluoranthene	4000	270	ug/Kg	1	02/15/22	WB	SW8270D
Fluorene	ND	270	ug/Kg	1	02/15/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	1300	270	ug/Kg	1	02/15/22	WB	SW8270D
Naphthalene	ND	270	ug/Kg	1	02/15/22	WB	SW8270D
Phenanthrene	2100	270	ug/Kg	1	02/15/22	WB	SW8270D
Pyrene	3400	270	ug/Kg	1	02/15/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	52		%	1	02/15/22	WB	30 - 130 %
% Nitrobenzene-d5	44		%	1	02/15/22	WB	30 - 130 %
% Terphenyl-d14	53		%	1	02/15/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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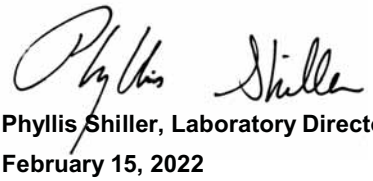

Phyllis Shiller, Laboratory Director

February 15, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

February 15, 2022

FOR: Attn: Mr. Wayne Jeffers Jr.
Barrier Contracting
P.O. Box 385
Tarrytown NY 10591

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		02/09/22	16:05
Location Code:	BARRIER	Received by:	CP	02/11/22	14:36
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GCK65521
Phoenix ID: CK65523

Project ID: 22 S WASHINGTON AVE
Client ID: EXCAV 2-S WALL

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	76		%		02/11/22	Q	SW846-%Solid
Soil Extraction for SVOA PAH	Completed				02/14/22	B/A	SW3546
Semivolatiles-STARS/CP-51							
Acenaphthene	ND	300	ug/Kg	1	02/15/22	WB	SW8270D
Acenaphthylene	ND	300	ug/Kg	1	02/15/22	WB	SW8270D
Anthracene	ND	300	ug/Kg	1	02/15/22	WB	SW8270D
Benz(a)anthracene	420	300	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(a)pyrene	390	300	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(b)fluoranthene	380	300	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(ghi)perylene	ND	300	ug/Kg	1	02/15/22	WB	SW8270D
Benzo(k)fluoranthene	380	300	ug/Kg	1	02/15/22	WB	SW8270D
Chrysene	460	300	ug/Kg	1	02/15/22	WB	SW8270D
Dibenz(a,h)anthracene	ND	300	ug/Kg	1	02/15/22	WB	SW8270D
Fluoranthene	950	300	ug/Kg	1	02/15/22	WB	SW8270D
Fluorene	ND	300	ug/Kg	1	02/15/22	WB	SW8270D
Indeno(1,2,3-cd)pyrene	ND	300	ug/Kg	1	02/15/22	WB	SW8270D
Naphthalene	ND	300	ug/Kg	1	02/15/22	WB	SW8270D
Phenanthrene	560	300	ug/Kg	1	02/15/22	WB	SW8270D
Pyrene	790	300	ug/Kg	1	02/15/22	WB	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	71		%	1	02/15/22	WB	30 - 130 %
% Nitrobenzene-d5	60		%	1	02/15/22	WB	30 - 130 %
% Terphenyl-d14	76		%	1	02/15/22	WB	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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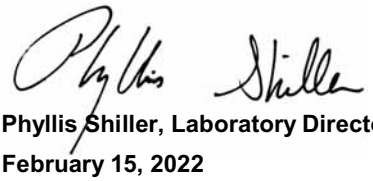


Phyllis Shiller, Laboratory Director

February 15, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

February 15, 2022

QA/QC Data

SDG I.D.: GCK65521

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 612069 (ug/kg), QC Sample No: CK34949 (CK65521, CK65522, CK65523)										
Polynuclear Aromatic HC - Soil										
Acenaphthene	ND	230	79	68	15.0	84	82	2.4	30 - 130	30
Acenaphthylene	ND	230	71	61	15.2	76	71	6.8	40 - 140	30
Anthracene	ND	230	81	68	17.4	91	86	5.6	40 - 140	30
Benz(a)anthracene	ND	230	78	66	16.7	86	84	2.4	40 - 140	30
Benzo(a)pyrene	ND	230	75	63	17.4	83	80	3.7	40 - 140	30
Benzo(b)fluoranthene	ND	230	79	66	17.9	92	84	9.1	40 - 140	30
Benzo(ghi)perylene	ND	230	71	63	11.9	84	78	7.4	40 - 140	30
Benzo(k)fluoranthene	ND	230	74	63	16.1	80	75	6.5	40 - 140	30
Chrysene	ND	230	81	69	16.0	92	89	3.3	40 - 140	30
Dibenz(a,h)anthracene	ND	230	74	65	12.9	85	81	4.8	40 - 140	30
Fluoranthene	ND	230	78	66	16.7	90	84	6.9	40 - 140	30
Fluorene	ND	230	78	69	12.2	88	82	7.1	40 - 140	30
Indeno(1,2,3-cd)pyrene	ND	230	78	67	15.2	89	85	4.6	40 - 140	30
Naphthalene	ND	230	69	61	12.3	66	65	1.5	40 - 140	30
Phenanthrene	ND	230	80	68	16.2	94	89	5.5	40 - 140	30
Pyrene	ND	230	80	67	17.7	87	85	2.3	30 - 130	30
% 2-Fluorobiphenyl	61	%	74	64	14.5	74	74	0.0	30 - 130	30
% Nitrobenzene-d5	51	%	63	59	6.6	60	59	1.7	30 - 130	30
% Terphenyl-d14	62	%	76	65	15.6	83	76	8.8	30 - 130	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
February 15, 2022

Tuesday, February 15, 2022

Criteria: NY: CP51S

State: NY

Sample Criteria Exceedances Report

GCK65521 - BARRIER

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CK65521	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1200	290	500	500	ug/Kg
CK65521	$8270SSR	Chrysene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	2100	290	1000	1000	ug/Kg
CK65521	$8270SSR	Benzo(k)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1900	290	800	800	ug/Kg
CK65521	$8270SSR	Benzo(b)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1900	290	1000	1000	ug/Kg
CK65521	$8270SSR	Benzo(a)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1900	290	1000	1000	ug/Kg
CK65521	$8270SSR	Benz(a)anthracene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1900	290	1000	1000	ug/Kg
CK65522	$8270SSR	Indeno(1,2,3-cd)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1300	270	500	500	ug/Kg
CK65522	$8270SSR	Chrysene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	2000	270	1000	1000	ug/Kg
CK65522	$8270SSR	Benzo(k)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1600	270	800	800	ug/Kg
CK65522	$8270SSR	Benzo(b)fluoranthene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1700	270	1000	1000	ug/Kg
CK65522	$8270SSR	Benzo(a)pyrene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1900	270	1000	1000	ug/Kg
CK65522	$8270SSR	Benz(a)anthracene	NY / CP-51 Soil Cleanup / Gas & Fuel Oil Criteria	1800	270	1000	1000	ug/Kg

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

February 15, 2022 SDG I.D.: GCK65521

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

February 15, 2022

SDG I.D.: GCK65521

The samples in this delivery group were received at 2.5°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 2.5° C Pg of

Contact Options:
☐ Phone:
☐ Fax:
☐ Email:

Customer: Barrier Contracting LLC
Address:

Project: 225 Washington Av
Report to: Hartsdale NY
Invoice to:
QUOTE # : Barrier

Project P.O:

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 2/9/22

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	8270 STARS	GL Amber 8 oz. w/H3PO4	Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL NaOH 250ml	PL HNO3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
605521	Excav 2-WWall	S	2-9-22	15:10	X			1									
605522	Excav 2-EWall	S	↓	15:35	X			1									
605523	Excav 2-SWall	S	↓	16:05	X			1									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	2/11/22	12:33
		2/11/22	14:36

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☐ TOGS GW
☒ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

Comments, Special Requirements or Regulations:

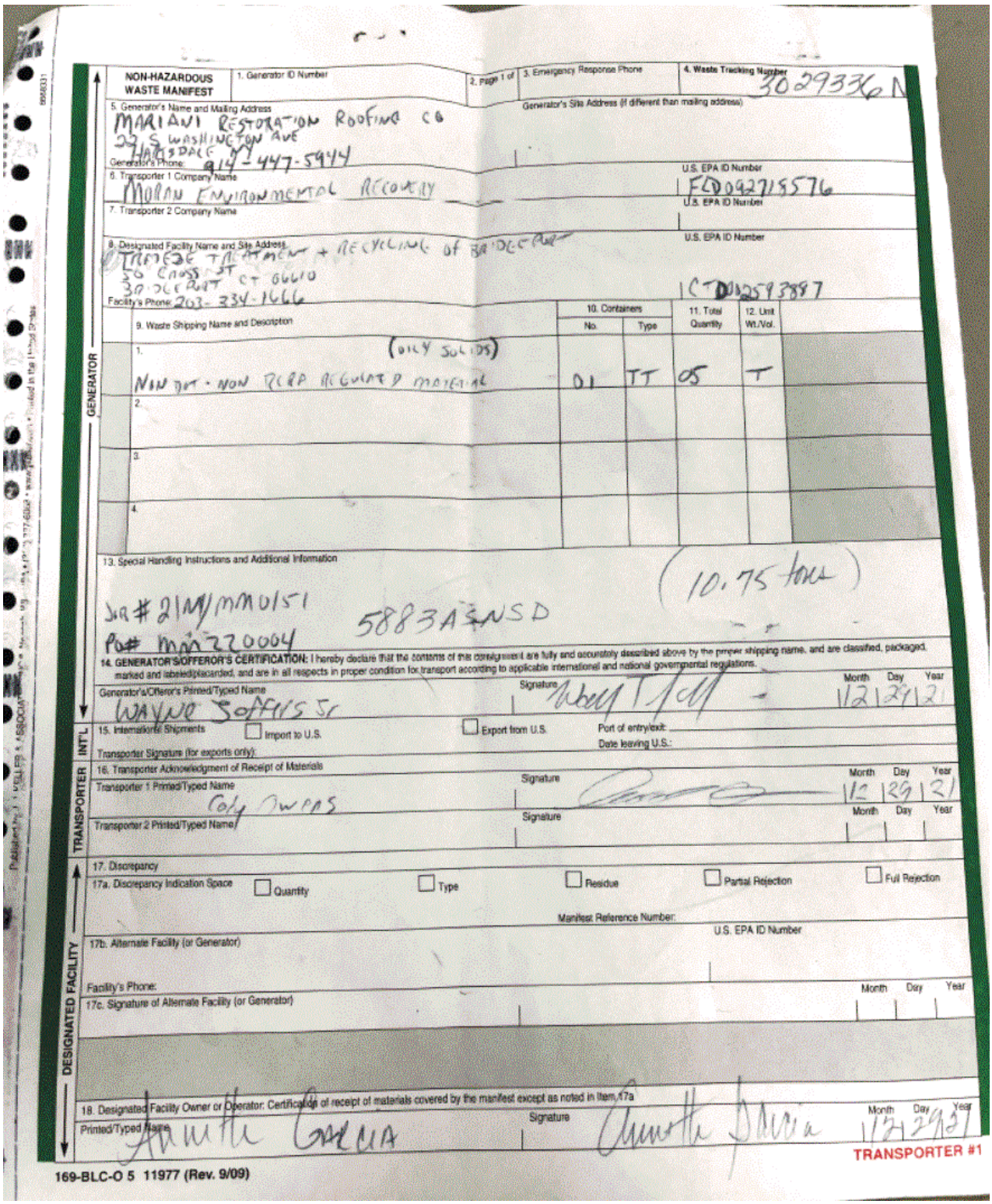
Data Format:
☐ Phoenix Std Report ☐ EQuIS
☐ Excel ☐ NJ Hazsite EDD
☐ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Data Package:
☐ NJ Reduced Deliv. * ☐ Other
☐ NY Enhanced (ASP B) *

APPENDIX C

Waste Disposal Documentation

Liquid Disposal



NON-HAZARDOUS WASTE MANIFEST
1. Generator ID Number
2. Page 1 of
3. Emergency Response Phone
4. Waste Tracking Number 3029336 N

5. Generator's Name and Mailing Address
MARIANI RESTORATION ROOFING CO
22 S WASHINGTON AVE
HARTSDALE NY
Generator's Phone: 914-447-5944
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
MORAN ENVIRONMENTAL RECOVERY
U.S. EPA ID Number FED027955716

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

8. Designated Facility Name and Site Address
TRADEBE TREATMENT + RECYCLING OF BRIDGEPORT
50 CROSS ST
BRIDGEPORT CT 06610
Facility's Phone: 203-334-1666
U.S. EPA ID Number CTD125938897

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
1. (OILY SOLIDS) NON DOT - NON RCRA REGULATED MATERIAL	01	TT	05	T
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
(10.75 tons)
JOB # 21M/MM0151 5883A SNSD
PO# MM220004

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: WAYNE SOFFRIS Sr
Signature
Month 12 Day 29 Year 21

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

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Coly Jones
Signature
Month 12 Day 29 Year 21
Transporter 2 Printed/Typed Name
Signature
Month Day Year

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

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Annette Garcia
Signature
Month 12 Day 29 Year 21

TRANSPORTER #1

169-BLC-O 5 11977 (Rev. 9/09)

Soil Safe

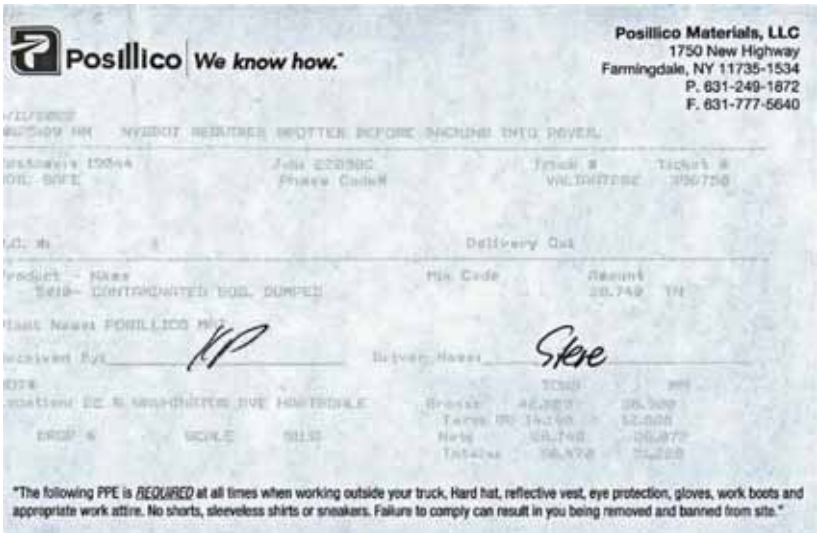
Recycling of Contaminated Soil and Industrial Waste

6700 Alexander Bell Drive
Columbia, MD 21046
410.872.3990

Re: 22 S Washington Avenue Hartsdale, NY 10530

Job Number	Ticket	Material	Sale Date	Units
22098C	396743	5010 - Contaminated Soil Dumped	04/11/22	27.73
22098C	396750	5010 - Contaminated Soil Dumped	04/11/22	28.74
22098C	396759	5010 - Contaminated Soil Dumped	04/11/22	27.41
22098C	396774	5010 - Contaminated Soil Dumped	04/11/22	28
22098C	396784	5010 - Contaminated Soil Dumped	04/11/22	27.78
22098C	396793	5010 - Contaminated Soil Dumped	04/11/22	24.22
22098C	396980	5010 - Contaminated Soil Dumped	04/12/22	30.13
				194.01

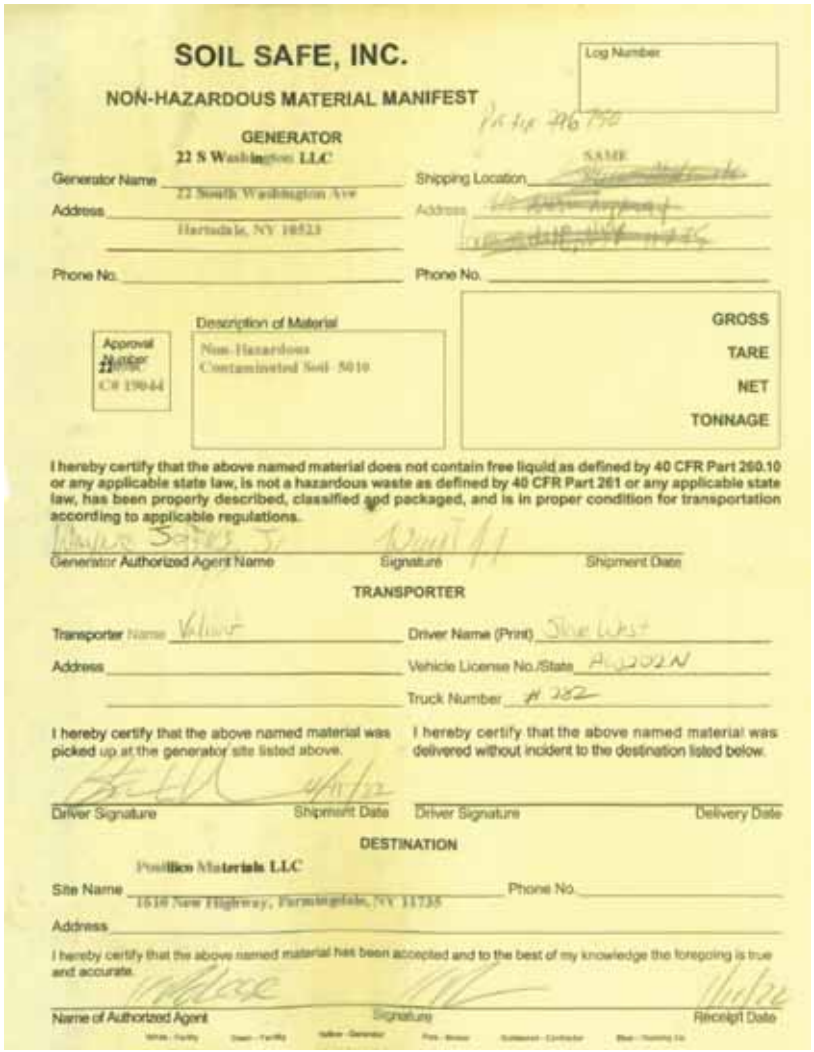
Soil Disposal



Posillico | We know how.

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1672
F. 631-777-5640

"The following PPE is REQUIRED at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."



SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 22 S Washington LLC
Address 22 South Washington Ave, Hartsdale, NY 10523
Phone No.

Shipping Location SAME
Address
Phone No.

Approval Number C# 19044

Description of Material: Non-Hazardous Contaminated Soil 5010

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name | Driver Name (Print)
Address | Vehicle License No./State
Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.
Driver Signature | Shipment Date

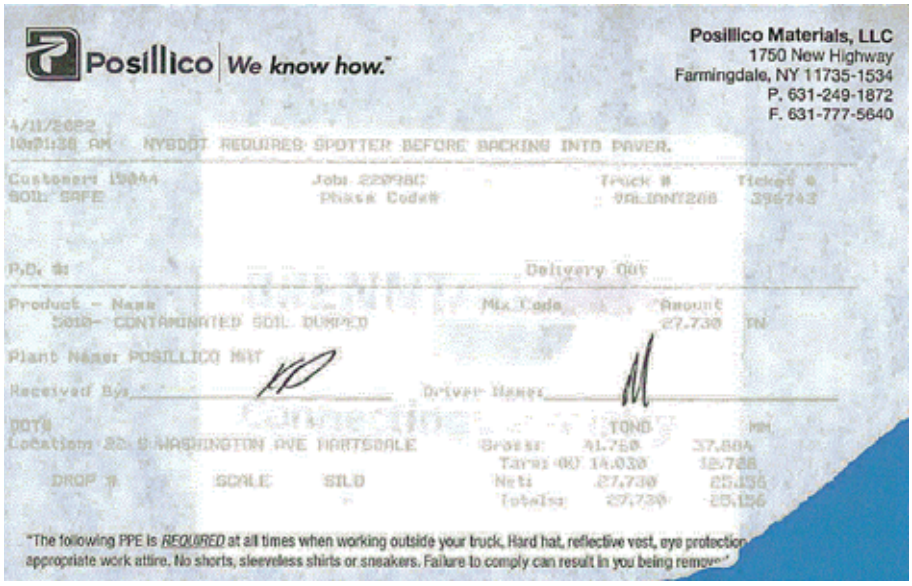
I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature | Delivery Date

DESTINATION

Site Name Posillico Materials LLC, 1610 New Highway, Farmingdale, NY 11735
Phone No.
Address

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date



Posillico | We know how.

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

4/11/2022
10:31:38 AM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 19044 Job: 222988C Truck #: Ticket #:
SOIL SAFE Phase Code# VALIANT268 396743

P.O. #: Delivery Qty:

Product - Name: 5010- CONTAMINATED SOIL DUMPED Mix Code: Amount: 27.730 TN

Plant Name: POSILLICO MAT

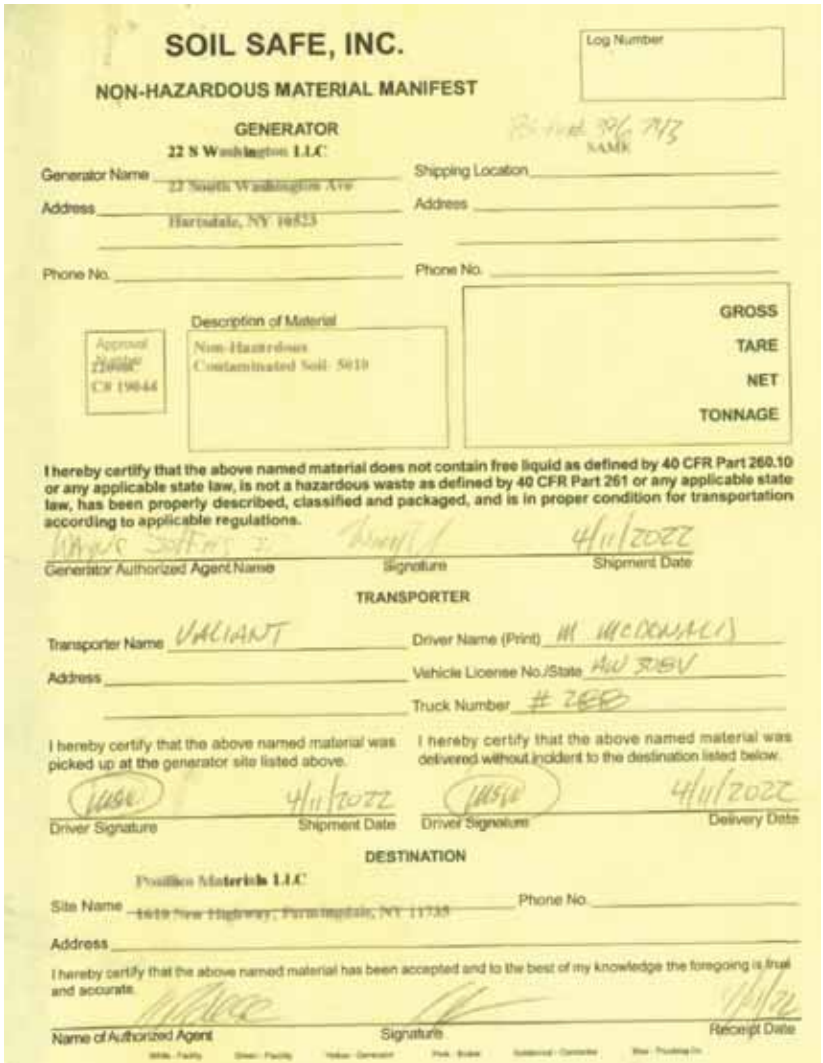
Received By: Driver Name:

DOT#
Location: 22 S WASHINGTON AVE HARTSDALE

		TONS	MM
Gross:		41.760	37.884
Tare: (E)		14.030	12.728
Net:		27.730	25.156
Totals:		27.730	25.156

DROP #: SCALE: SILO:

"The following PPE is REQUIRED at all times when working outside your truck. Hard hat, reflective vest, eye protection appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being remove



SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

22 S Washington LLC

Generator Name: 22 South Washington Ave
Address: Hartsdale, NY 10523

Phone No.

Shipping Location
Address

Phone No.

Description of Material: Non-Hazardous Contaminated Soil 5010

Approval #: C# 19044

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date: 4/11/2022

TRANSPORTER

Transporter Name: VALIANT
Address:

Driver Name (Print): M McDONALD
Vehicle License No./State: HW 3456V
Truck Number: # 268

I hereby certify that the above named material was picked up at the generator site listed above.
Driver Signature | Shipment Date: 4/11/2022

I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature | Delivery Date: 4/11/2022

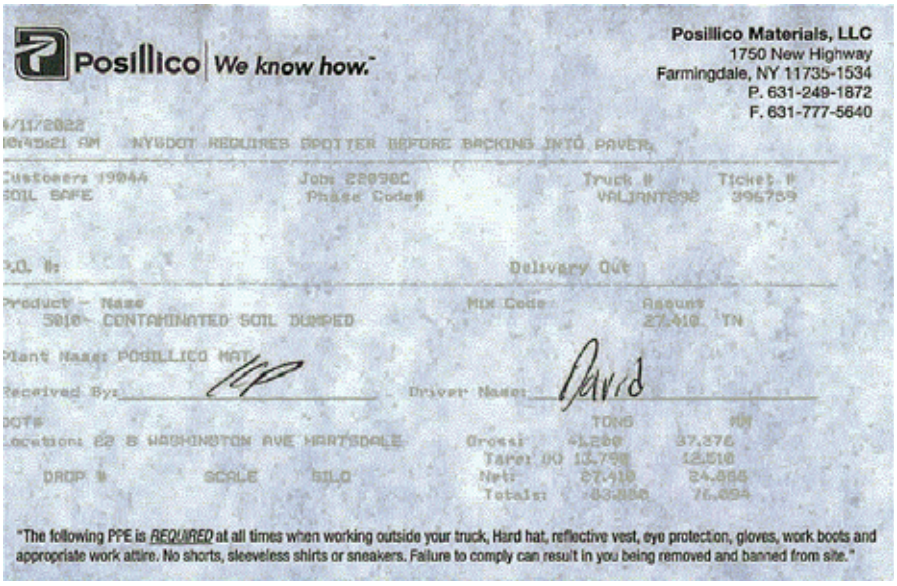
DESTINATION

Site Name: Posillico Materials LLC, 1750 New Highway, Farmingdale, NY 11735
Phone No.
Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date: 4/11/22

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Transporter Blue - Trucking Co.



Posillico | We know how.

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

6/11/2022
10:45:21 AM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 19044 Job: 220906C Truck #: VALIANT290 Ticket #: 396759
SOIL SAFE Phase Code#:

P.O. #: Delivery Out:

Product - Name: 5010 - CONTAMINATED SOIL DUMPED Mix Code: Amount: 27.410 TN

Plant Name: POSILLICO MAT
Received By: Driver Name: David

DOT#: TONS HRS
Location: 22 S WASHINGTON AVE HARTSDALE Gross: 41.286 37.376
Tare: 00 13.796 12.518
DROP #: SCALE: SILO: Net: 27.410 24.854
Totals: 83.856 76.694

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

SOIL SAFE, INC.

Log Number: 7674

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: 22 S Washington LLC — Shipping Location: SAME
Address: 22 South Washington Ave, Hartsdale, NY 10523 — Address:
Phone No.: — Phone No.:

Approval Number: CW 19044

Description of Material: Non-Hazardous Contaminated Soil 5010

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name: [illegible] Signature: [signature] Shipment Date:

TRANSPORTER

Transporter Name: VALIANT Driver Name (Print): DAVID ROLLIN
Address: 216 PROSPECT POINT RD Vehicle License No./State: 4X25CE NJ
LK HOPATCONG NJ Truck Number: 272

I hereby certify that the above named material was picked up at the generator site listed above.
Driver Signature: [signature] Shipment Date:

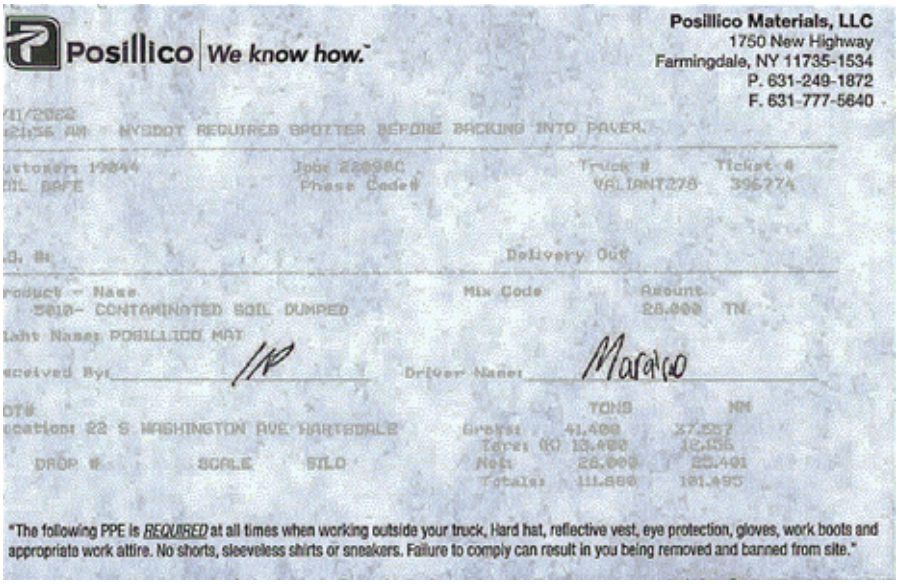
I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature: [signature] Delivery Date: 4.11.22

DESTINATION

Site Name: Posillico Materials LLC, 1750 New Highway, Farmingdale, NY 11735 Phone No.:
Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
Name of Authorized Agent: [illegible] Signature: [signature] Receipt Date: 4/11/22

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Consumer Blue - Trucking Co



Posillico | We know how.

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

/1/2022
:21:56 AM - NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

ustomer 19044 — Job# 220986C — Truck # VALIANT278 — Ticket # 396274
IL DATE — Phase Code#

.O. #: — Delivery Out:

roduct - Name: 5010- CONTAMINATED SOIL DUMPED — Mix Code: — Amount: 28.000 TN

aht Name: POSILLICO MAT

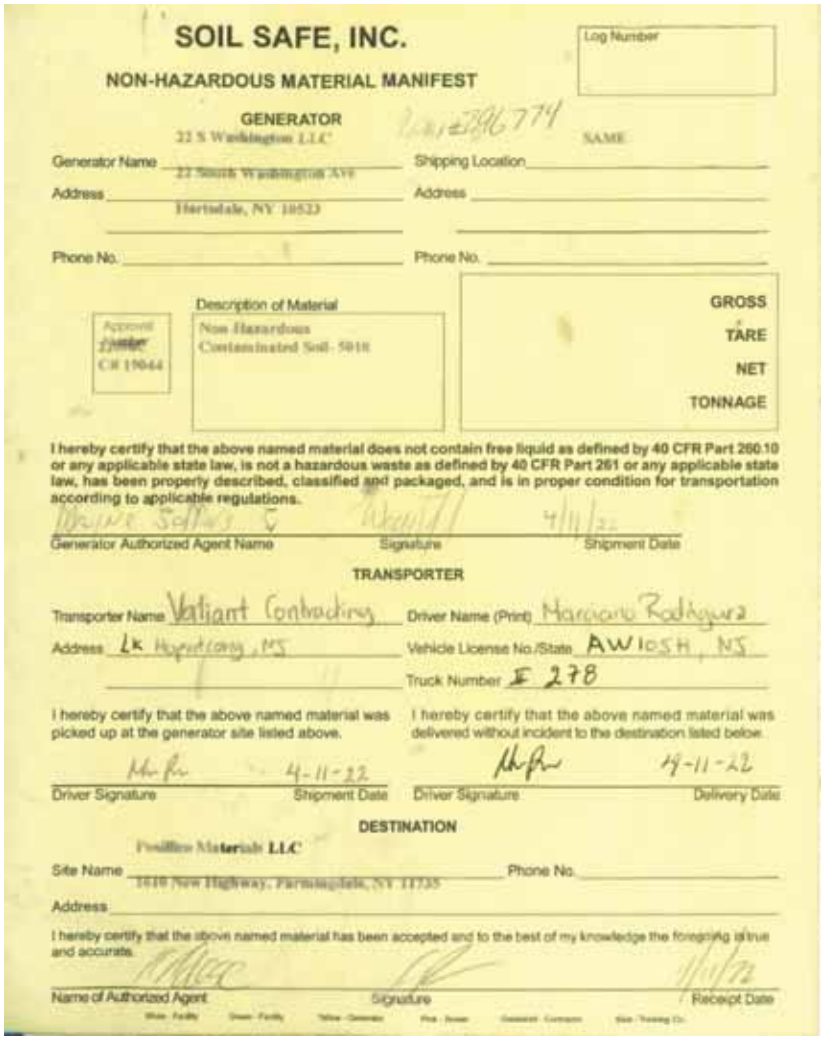
eceived By: IP — Driver Name: Marasco

OT#
ocation: 22 S WASHINGTON AVE HARTSDALE

	TONS	MM
Gross:	41.400	37.557
Tare: 00	13.400	12.156
Net:	28.000	25.401
Totals:	111.880	101.495

DROP #: SCALE: SILO:

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."



SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

396774

GENERATOR

22 S Washington LLC — SAME

Generator Name: 22 South Washington Ave — Shipping Location:

Address: Hartsdale, NY 10523 — Address:

Phone No.: — Phone No.:

Approval Number: C# 19044

Description of Material: Non-Hazardous Contaminated Soil- 5010

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Driver Safety C — 4/11/22

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: Valiant Contracting — Driver Name (Print): Mariano Rodriguez

Address: LK Hopatcong, NJ — Vehicle License No./State: AW10SH, NJ

Truck Number: E 278

I hereby certify that the above named material was picked up at the generator site listed above.

4-11-22

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

4-11-22

Driver Signature — Delivery Date

DESTINATION

Posillico Materials LLC

Site Name: 1610 New Highway, Farmingdale, NY 11735 — Phone No.:

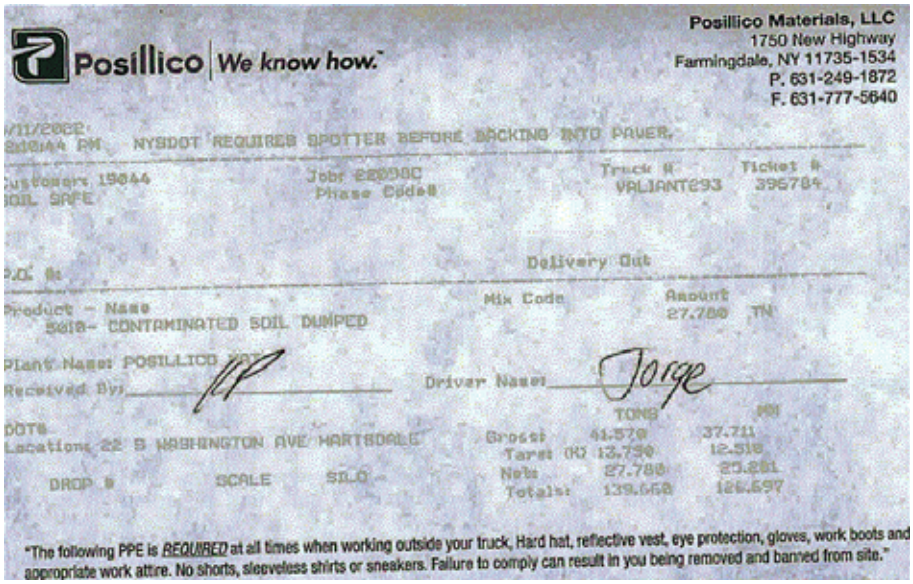
Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

4/11/22

Name of Authorized Agent — Signature — Receipt Date

White - Facility — Green - Facility — Yellow - Generator — Pink - Driver — Goldenrod - Company — Blue - Trucking Co.



Posillico | We know how.

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 19044
SOIL SAFE

Job: 220930
Phase Code:

Truck #: VALIANT293
Ticket #: 396784

Delivery Out

P.O. #:

Product - Name: 5010- CONTAMINATED SOIL DUMPED

Mix Code:

Amount: 27.780 TN

Plant Name: POSILLICO

Received By:

Driver Name: Jorge

DOT#:

Location: 22 S WASHINGTON AVE HARTSDALE

	TONS	MI
Gross:	41.570	37.711
Tare: (K)	13.790	12.518
Net:	27.780	25.281
Totals:	139.650	126.697

DROP #:

SCALE:

SLG:

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."

SOIL SAFE, INC.

Log Number: 1

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

22 S Washington LLC

Generator Name: 22 South Washington Ave

Address: Hartsdale, NY 10533

Phone No.:

Shipping Location: NAME

Address:

Phone No.:

Approval Number: CH 19044

Description of Material: Non-Hazardous Contaminated Soil 5010

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Wayne Soffer — Signature — 4/11

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: Valiant

Address: 226 Prospect Point Rd, Lake Hopatcong

Driver Name (Print): Jorge Rojo

Vehicle License No./State: AX233E

Truck Number: 293

I hereby certify that the above named material was picked up at the generator site listed above.

Jorge Rojo — Shipment Date

Driver Signature

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature — Delivery Date

DESTINATION

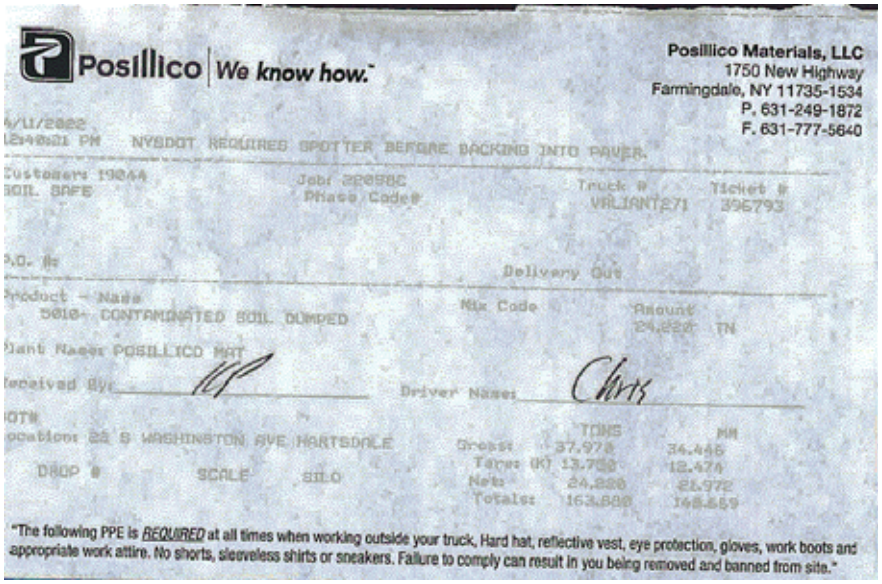
Site Name: Posillico Materials LLC, 1610 New Highway, Farmingdale, NY 11735

Phone No.:

Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — Receipt Date



Posillico | We know how.

Posillico Materials, LLC
1750 New Highway
Farmingdale, NY 11735-1534
P. 631-249-1872
F. 631-777-5640

4/11/2022
12:48:31 PM NYSDOT REQUIRES SPOTTER BEFORE BACKING INTO PAVER.

Customer: 19044
SOIL SAFE

Job: 220586
Phase Code:

Truck #: VALIANT271
Ticket #: 396793

P.O. #:

Delivery Out

Product - Name
5010- CONTAMINATED SOIL DUMPED

Mix Code

Amount
24.220 TN

Plant Name: POSILLICO MOT

Received By:

Driver Name: Chris

LOTN
Location: 22 S WASHINGTON AVE HARTSDALE

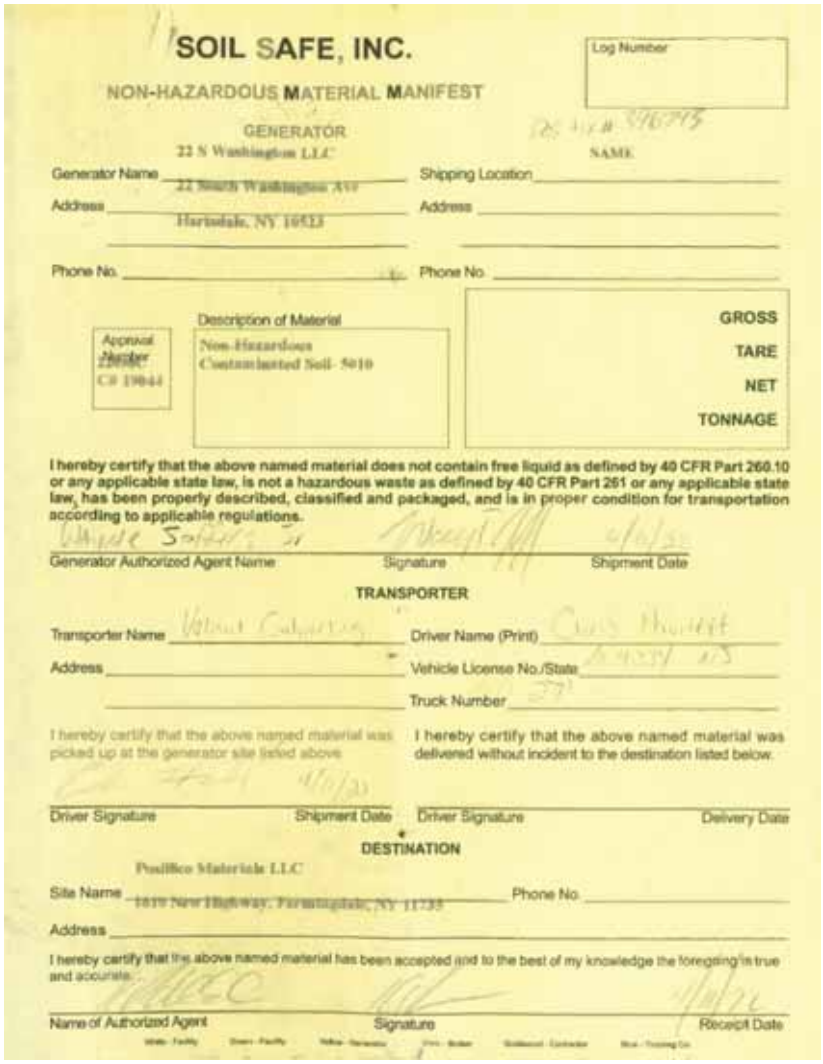
DROP #

SCALE

SILO

	TONS	MM
Gross:	37.978	34.446
Tare (K):	13.758	12.474
Net:	24.220	21.972
Totals:	163.880	148.659

"The following PPE is *REQUIRED* at all times when working outside your truck, Hard hat, reflective vest, eye protection, gloves, work boots and appropriate work attire. No shorts, sleeveless shirts or sneakers. Failure to comply can result in you being removed and banned from site."



SOIL SAFE, INC.

Log Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

22 S Washington LLC

NAME

Generator Name: 22 South Washington Ave

Address: Hartsdale, NY 10533

Phone No.:

Shipping Location:

Address:

Phone No.:

Approval Number: C# 19044

Description of Material: Non-Hazardous Contaminated Soil- 5010

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name: Walnut Cabinets

Driver Name (Print): Chris Hurrell

Address:

Vehicle License No./State:

Truck Number:

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature | Delivery Date

DESTINATION

Posillico Materials LLC

Site Name: 1010 New Highway, Farmingdale, NY 11735

Phone No.:

Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

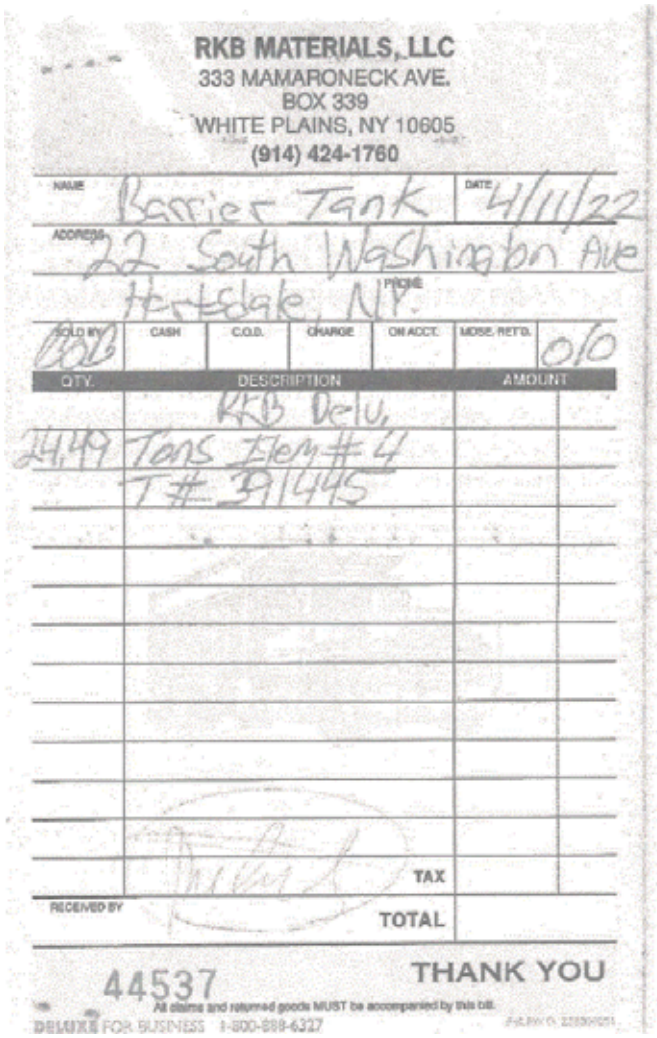
Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Hauler Goldenrod - Contractor Blue - Trucking Co.

APPENDIX D

Imported Backfill Receipts

Backfill



RKB MATERIALS, LLC
333 MAMARONECK AVE.
BOX 339
WHITE PLAINS, NY 10605
(914) 424-1760

NAME: Barrier Tank
DATE: 4/11/22
ADDRESS: 22 South Washington Ave
Hartsdale, NY
PHONE:

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET'D.	
						0/0

QTY.	DESCRIPTION	AMOUNT	
	RKB Delv.		
24.49	Tons Item #4		
	T# 31445		

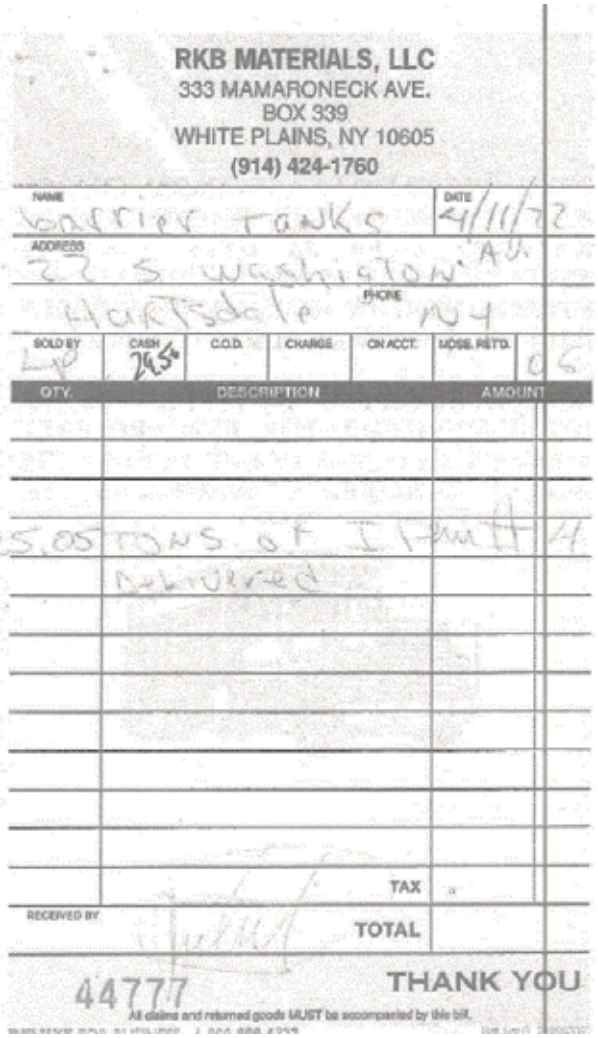
TAX
RECEIVED BY
TOTAL

44537

THANK YOU

All claims and returned goods MUST be accompanied by this bill.

DELUXE FOR BUSINESS 1-800-328-6327



RKB MATERIALS, LLC
333 MAMARONECK AVE.
BOX 339
WHITE PLAINS, NY 10605
(914) 424-1760

NAME: Barrier Tanks
DATE: 4/11/22
ADDRESS: 22 S Washington Ave.
Hartsdale NY
PHONE:

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET'D.	
LP	245					0 6

QTY.	DESCRIPTION	AMOUNT
25.05	Tons of Item #4	
	Delivered	

TAX
RECEIVED BY
TOTAL

44777

THANK YOU

All claims and returned goods MUST be accompanied by this bill.

RKB MATERIALS, LLC
333 MAMARONECK AVE.
BOX 339
WHITE PLAINS, NY 10605
(914) 424-1760

NAME: Barrier Tank DATE: 4/7/22
ADDRESS: 22 S. Washington St
PHONE
Hartsdale

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET'D.	
TV						

QTY.	DESCRIPTION	AMOUNT
36.29	tons I-4 Fishkill	
	TAX	
	TOTAL	

RECEIVED BY

44433

THANK YOU

All claims and returned goods MUST be accompanied by this bill.

RKB MATERIALS, LLC
333 MAMARONECK AVE.
BOX 339
WHITE PLAINS, NY 10605
(914) 424-1760

NAME: Barrier Tank DATE: 04/04/22
ADDRESS: 22 S. Washington Ave
PHONE
Hartsdale, NY

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET'D.	

QTY.	DESCRIPTION	AMOUNT
24.77	Ton Dol Stn #4 #391270	
24.69	Ton Dol Stn #4 #391271	
	TAX	
	TOTAL	

RECEIVED BY

44281

THANK YOU

All claims and returned goods MUST be accompanied by this bill.

RKB MATERIALS, LLC
333 MAMARONECK AVE.
BOX 339
WHITE PLAINS, NY 10605
(914) 424-1760

NAME
DATE 4/14/22
ADDRESS
PHONE
SOLD BY | CASH 295 | C.O.D. | CHARGE | ON ACCT. | MDSE. RET'D.

QTY.	DESCRIPTION	AMOUNT
12.77		
	3/4	
	TAX	
RECEIVED BY	TOTAL	

44615
All claims and returned goods MUST be accompanied by this bill.
THANK YOU

RKB MATERIALS, LLC
333 MAMARONECK AVE.
BOX 339
WHITE PLAINS, NY 10605
(914) 424-1760

NAME Carrier TANK DATE 4/7/22
ADDRESS 22 S Washington Av
PHONE Hartsdale NY 10530
SOLD BY LP | CASH | C.O.D. | CHARGE | ON ACCT. | MDSE. RET'D.

QTY.	DESCRIPTION	AMOUNT
25.47	TONS OF ITEM #	
	TAX	
RECEIVED BY	TOTAL	

44769
All claims and returned goods MUST be accompanied by this bill.
THANK YOU

APPENDIX E

NYSDEC Spill Record

Spill Record

Administrative Information

DEC Region: 3
Spill Number: 2107529

Spill Date/Time

Spill Date: 11/14/2021 **Spill Time:** 09:27:00 PM
Call Received Date: 11/14/2021 **Call Received Time:** 09:27:00 PM

Location

Spill Name: COMMERCIAL PROPERTY
Address: 22 SOUTH WASHINGTON ST
City: HARTSDALE **County:** Westchester

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Soil

Cause: Unknown
Source: Commercial/Industrial
Waterbody:

Record Close

Date Spill Closed: Not closed

Spill Record

Administrative Information

DEC Region: 3
Spill Number: 2107529

Spill Date/Time

Spill Date: 11/14/2021 **Spill Time:** 09:27:00 PM
Call Received Date: 11/14/2021 **Call Received Time:** 09:27:00 PM

Location

Spill Name: COMMERCIAL PROPERTY
Address: 22 SOUTH WASHINGTON ST
City: HARTSDALE **County:** Westchester

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Soil

Cause: Unknown
Source: Commercial/Industrial
Waterbody:

Record Close

Date Spill Closed: 06/06/2022

APPENDIX F

Glossary of Terms

BGS	Below ground surface
EPA	Environmental Protection Agency
NELAC	National Environmental Laboratory Accreditation Conference
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PII ESA	Phase-2 Environmental Site Assessment
PBS	Petroleum Bulk Storage
PID	Photo-ionization Detector
PPB	Parts Per Billion
PPM	Parts per Million
QP	Quarry Product
SCOs	NYSDEC Soil Cleanup Objectives
SVOC	Semi-Volatile Organic Compound
UST	Underground Storage Tank
VOC	Volatile Organic Compounds