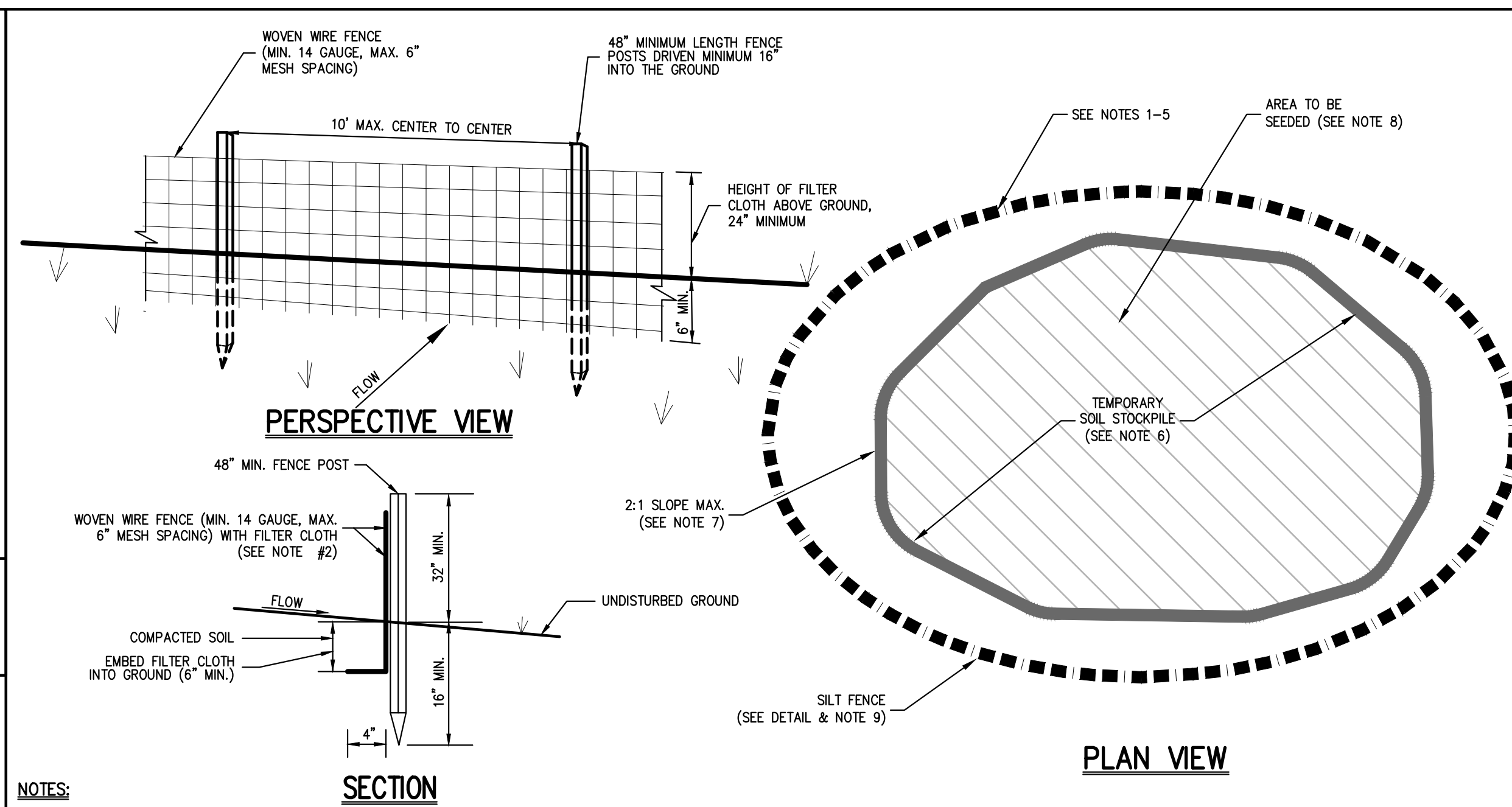
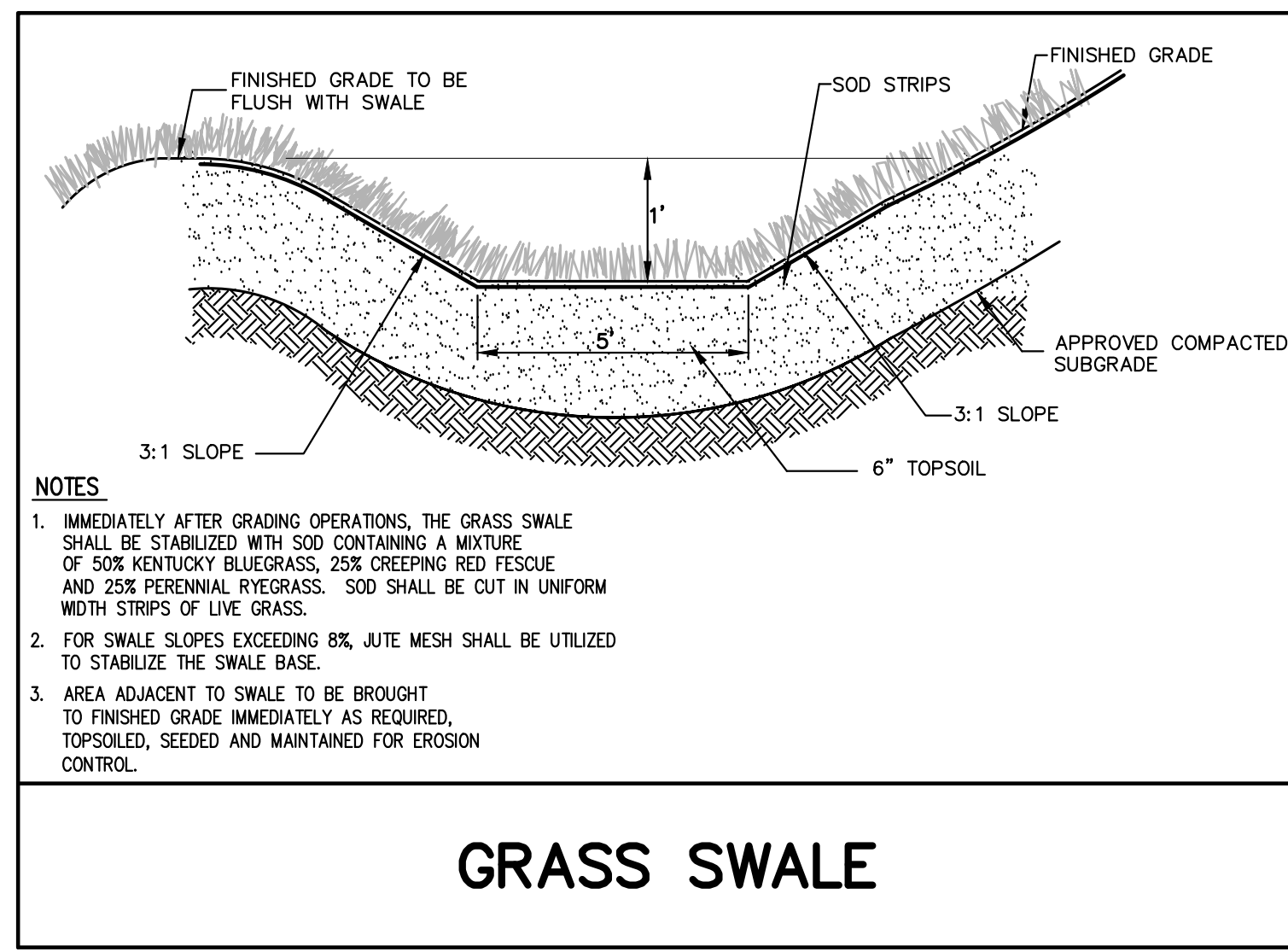
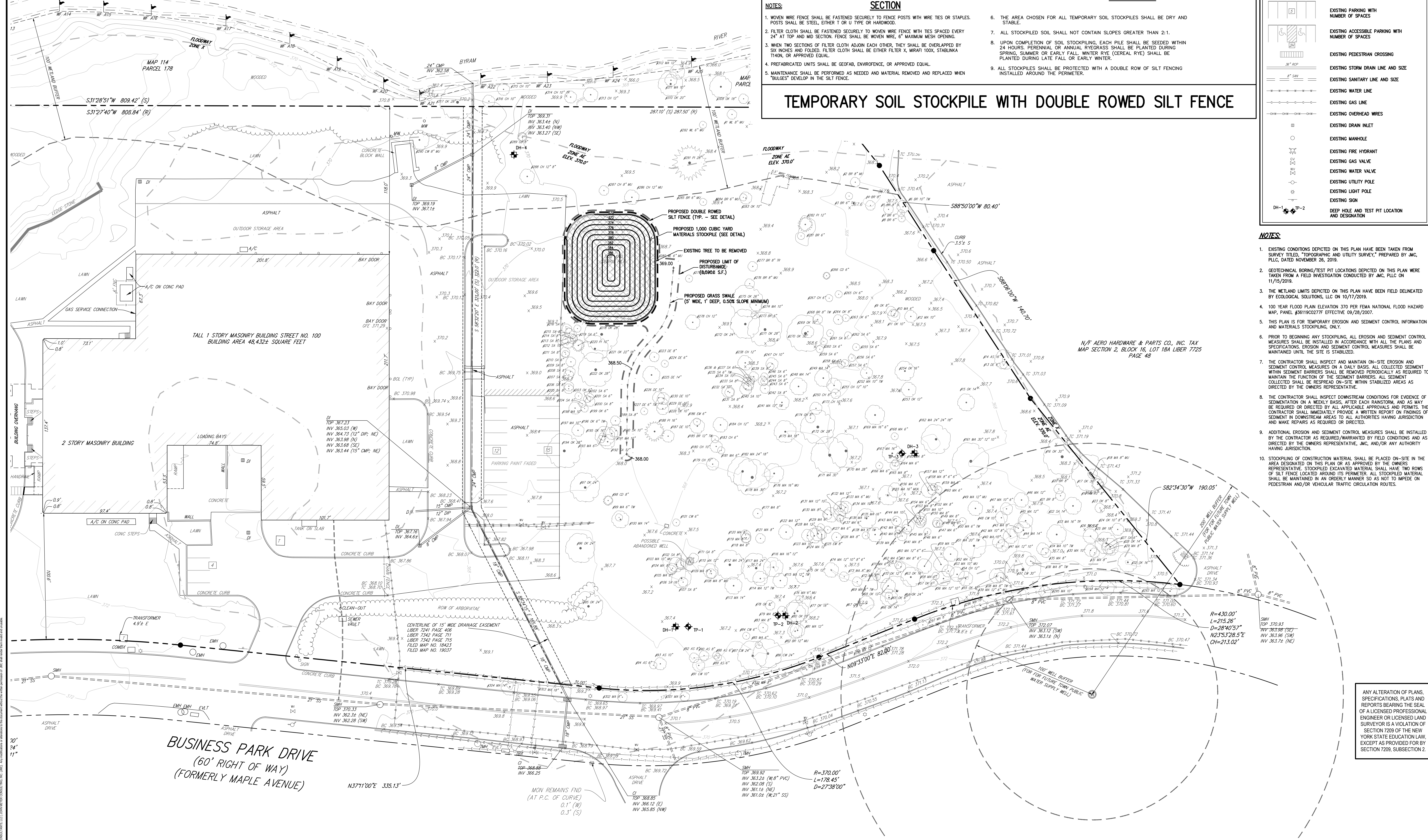


INTERSTATE ROUTE 684



LEGEND	
	EXISTING PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING EASEMENT LINE
	EXISTING WETLAND LINE AND DELINEATION
	EXISTING BUILDING OVERHANG
	EXISTING BUILDING LINE
	EXISTING PAVEMENT EDGE
	EXISTING CURB LINE
	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
	EXISTING STONE WALL
	EXISTING RETAINING WALL
	EXISTING GUIDE RAIL
	EXISTING FENCE
	EXISTING TREE AND DESIGNATION
	EXISTING TREE LINE
	EXISTING DIRECTIONAL ARROWS
	EXISTING PAINT
	EXISTING PARKING WITH NUMBER OF SPACES
	EXISTING ACCESSIBLE PARKING WITH NUMBER OF SPACES
	EXISTING PEDESTRIAN CROSSING
	EXISTING STORM DRAIN LINE AND SIZE
	EXISTING SANITARY LINE AND SIZE
	EXISTING WATER LINE
	EXISTING GAS LINE
	EXISTING OVERHEAD WIRES
	EXISTING DRAIN INLET
	EXISTING MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING GAS VALVE
	EXISTING WATER VALVE
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING SIGN
	DEEP HOLE AND TEST PIT LOCATION AND DESIGNATION

TEMPORARY SOIL STOCKPILE WITH DOUBLE ROWED SILT FENCE



- NOTES:**
1. EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "TOPOGRAPHIC AND UTILITY SURVEY," PREPARED BY JMC, PLLC, DATED NOVEMBER 26, 2019.
 2. GEOTECHNICAL BORING/TEST PIT LOCATIONS DEPICTED ON THIS PLAN WERE TAKEN FROM A FIELD INVESTIGATION CONDUCTED BY JMC, PLLC ON 11/15/2019.
 3. THE WETLAND LIMITS DEPICTED ON THIS PLAN HAVE BEEN FIELD DELINEATED BY ECOLOGICAL SOLUTIONS, LLC ON 10/17/2019.
 4. 100 YEAR FLOOD PLAIN ELEVATION 370 PER FEMA NATIONAL FLOOD HAZARD MAP, PANEL #81902077E EFFECTIVE 09/28/2007.
 5. THIS PLAN IS FOR TEMPORARY EROSION AND SEDIMENT CONTROL INFORMATION AND MATERIALS STOCKPILING, ONLY.
 6. PRIOR TO BEGINNING ANY STOCKPILING, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE PLANS AND SPECIFICATIONS. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED.
 7. THE CONTRACTOR SHALL INSPECT AND MAINTAIN ON-SITE EROSION AND SEDIMENT CONTROL MEASURES ON A DAILY BASIS. ALL COLLECTED SEDIMENT WITHIN SEDIMENT BARRIERS SHALL BE REMOVED PERIODICALLY AS REQUIRED TO MAINTAIN THE FUNCTION OF THE SEDIMENT BARRIERS. ALL SEDIMENT COLLECTED SHALL BE RESPAVED ON-SITE WITHIN STABILIZED AREAS AS DIRECTED BY THE OWNERS REPRESENTATIVE.
 8. THE CONTRACTOR SHALL INSPECT DOWNSTREAM CONDITIONS FOR EVIDENCE OF SEDIMENTATION ON A WEEKLY BASIS, AFTER EACH RAINSTORM, AND AS MAY BE REQUIRED OR DIRECTED BY ALL APPLICABLE APPROVALS AND PERMITS. THE CONTRACTOR SHALL IMMEDIATELY PROVIDE A WRITTEN REPORT ON FINDINGS OF SEDIMENT IN DOWNSTREAM AREAS TO ALL AUTHORITIES HAVING JURISDICTION AND MAKE REPAIRS AS REQUIRED OR DIRECTED.
 9. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AS REQUIRED/WARRANTED BY FIELD CONDITIONS AND AS DIRECTED BY THE OWNERS REPRESENTATIVE, JMC, AND/OR ANY AUTHORITY HAVING JURISDICTION.
 10. STOCKPILING OF CONSTRUCTION MATERIAL SHALL BE PLACED ON-SITE IN THE AREA DESIGNATED ON THIS PLAN OR AS APPROVED BY THE OWNERS REPRESENTATIVE. STOCKPILED EXCAVATED MATERIAL SHALL HAVE TWO ROWS OF SILT FENCE LOCATED AROUND ITS PERIMETER. ALL STOCKPILED MATERIAL SHALL BE MAINTAINED IN AN ORDERLY MANNER SO AS NOT TO IMPEDE ON PEDESTRIAN AND/OR VEHICULAR TRAFFIC CIRCULATION ROUTES.

APPLICANT/OWNER:
A & R REAL ESTATE HOLDINGS, LLC
100 BUSINESS PARK DRIVE
ARMONK, NY 10504

ARCHITECT:
J GROUP DESIGNS, LLC
63 EAST MAIN STREET
PAWING, NY 12564

JMC Planning, Engineering, Landscape Architecture & Land Surveying, PLLC
JMC Site Development Consultants, LLC
John Meyer Consulting, Inc.

120 BEDFORD ROAD • ARMONK, NY 10504
voice 914.273.5225 • fax 914.273.2102
www.jmcpllc.com

TEMPORARY MATERIALS STOCKPILING PLAN

PROPOSED WAREHOUSE
100 BUSINESS PARK DRIVE
TOWN OF NORTH CASTLE, NEW YORK

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

Drawn: NC Approved: DL
Scale: 1" = 30'
Date: 06/22/2020
Project No: 19124
Sheet No: MSP-1



Site Planning
Civil Engineering
Landscape Architecture
Land Surveying
Transportation Engineering

Environmental Studies
Entitlements
Construction Services
3D Visualization
Laser Scanning

June 22, 2020

Mr. Christopher Carthy, Chairman
and Members of the Planning Board
Town of North Castle
17 Bedford Road
Armonk, NY 10504

RE: JMC Project 19124
#100-Building 2
100 Business Park Drive
Town of North Castle, NY

Response to Town Comments Submission (Fill Permit)

Dear Chairman Carthy and Members of the Planning Board:

On behalf of the owner and applicant, A & R Real Estate Holdings LLC, we are pleased to submit the following documents for your continued review of the Amended Site Plan Application associated with fill for construction of a new warehouse building at 100 Business Park Drive:

1. JMC Drawing MSP-I "Temporary Materials Stockpiling Plan", dated 06/22/2020.
2. "Soil Sampling Report and Microsoft Excel Spreadsheet: 75 Cooley Street, Pleasantville, NY", prepared by Phoenix Environmental Laboratories, Inc, dated 06/10/2020.
3. "Email correspondence received from the NYSDEC (Christina Pacella), re: Permit Jurisdiction Screening", dated 04/28/2020.

The revisions depicted on the above noted plans reflect responses to comments outlined in the Town of North Castle Planning Department memorandum, dated June 5, 2020, and the Kellard Sessions Consulting, P.C. memorandum, dated June 5, 2020. For ease of review, we have repeated and enumerated the comments in italic print, followed by our responses:

Town of North Castle Planning Department, June 5, 2020

General Comments

Comment No. 1

The applicant should submit a plan depicting the locations of the proposed fill. 5,000 cubic yards is a large amount of fill that may create adverse impacts. It is recommended that any temporary fill be placed in a

location that is not environmentally impactful and would not create visual impacts.

Specifically, it is recommended that the fill be located outside of any wetland or wetland buffer area, outside of a flood plain and not require the removal of existing vegetation.

In addition, it is recommended that the fill be placed in a location that would not impact views from the street or surrounding properties.

Response No. 1

The proposed temporary soil stockpile area has been located in an area outside of a wetland, wetland buffer, several hundred feet from Business Park Drive & and neighboring properties and results in minimal existing vegetation removal. Please refer to JMC Drawing MSP-I “Temporary Materials Stockpiling Plan”, dated 06/22/2020 for more information.

Comment No. 2

It is not clear whether the temporary storage of fill on the site is a permitted use in the PLI Zoning District. The only use that may cover this temporary requested use would be:

“Any accessory buildings or uses customarily incident to a permitted use”.

Response No. 2

Comment is so noted.

Comment No. 3

The site plan should be revised to indicate whether any of the fill is proposed to be located in the wetland or wetland buffer. If so, the Applicant should prepare a mitigation plan.

Response No. 3

The proposed temporary soil stockpile area has been located in an area outside of a wetland, wetland buffer, several hundred feet from Business Park Drive & and neighboring properties and results in minimal existing vegetation removal. Please refer to JMC Drawing MSP-I “Temporary Materials Stockpiling Plan”, dated 06/22/2020 for more information.

Comment No. 4

The site plan should be revised to depict any proposed Town-regulated tree removal.

Response No. 4

The site plan depicts the removal of 1 (6” Willow) Town-regulated tree.

Comment No. 5

The Applicant should confirm that the proposed fill plan would not reduce the existing off-street parking plan. If not, the plans should be revised to demonstrate that the site would still provide the minimum number off-street parking spaces required by the Town Code.

Response No. 5

The temporary soil stockpile area is located in an area that would not reduce the number of off-street parking spaces.

Comment No. 6

The site plan should depict the location of the proposed fill. It is recommended that the fill be placed in a location that minimizing visual impacts as viewed from the street and surrounding properties.

Response No. 6

The proposed temporary soil stockpile area has been located in an area outside of a wetland, wetland buffer, several hundred feet from Business Park Drive & and neighboring properties and results in minimal existing vegetation removal. Please refer to JMC Drawing MSP-I "Temporary Materials Stockpiling Plan", dated 06/22/2020 for more information.

Comment No. 7

The Planning Board should discuss the maximum duration of the fill storage on the property and discuss if/when fill would be required to be used or removed from the site.

Response No. 7

Comment is so noted.

Kellard Sessions Consulting, P.C. Memorandum, dated June 5, 2020

General Comments

Comment No. 1

The applicant has requested the ability to import fill material from an off-site source and temporarily stockpile it on-site for future use in the development of the proposed warehouse project, currently before the Planning Board. The anticipated duration of the temporary stockpile condition has not been described by the applicant. It is assumed that upon approval of the proposed warehouse expansion project, that construction would start shortly thereafter. The Board should discuss whether the proposed temporary stockpiling plan is appropriate and consider the potential visual and environmental impacts associated with it, as well as the possibility of an extended duration of time for stockpiling should the project not be developed in the near future.

Response No. 1

Comment is so noted.

Comment No. 2

The proposal to stockpile approximately 5,000 cubic yards of material will result in a substantial earthen berm/embankment. If the Board is amenable to the proposal, we would request that the applicant be required to prepare a plan for your consideration, which would illustrate and define the extents of the proposed stockpile area, the overall height of the stockpile, required tree removal and whether any screening or interim vegetation measures would be implemented.

Response No. 2

The current plan proposes the temporary stockpiling of 1,00 cubic yards of fill. The proposed temporary soil stockpile area has been located in an area outside of a wetland, wetland buffer, several hundred feet from Business Park Drive & and neighboring properties and results in minimal existing vegetation removal. Please refer to JMC Drawing MSP-I "Temporary Materials Stockpiling Plan", dated 06/22/2020 for more information.

Comment No. 3

Similar to comments provided by this office with regard to the development of the warehouse expansion, the applicant will be required to demonstrate that certain minimum mitigation measures are provided with regards to environmental constraints including floodplain/floodway development, wetland and wetland buffer disturbance, tree removal and erosion and sediment control measures. Reference is made to our April 9, 2020 memorandum, which refers to various Town Code requirements, as it relates to the following:

- a. The project site is located partially within the FEMA regulated floodway of the Byram River and the associated 100-year floodplain with a base flood elevation (BFE) of Elevation 370.0. As such, the applicant will be required to obtain a Floodplain Development Permit, demonstrating compliance with Chapter 177 - Flood Damage Prevention of the Town Code. Any fill should not be placed within the floodway. Fill stockpiled below the base flood elevation will require compensatory storage, as required by Section 177-14 B (3) of the Town Code. We note that the Existing Flood Storage Volume Analysis Plan, previously submitted, should be revised as noted in our prior memorandum.*
- b. The Byram River flows generally north to south along the eastern property boundary. This watercourse is a locally-regulated wetland, as well as a New York State Department of Environmental Conservation (NYSDEC) Class C(T) Stream. The 100-foot regulated buffer and adjacent area extends onto the property and potentially within the proposed stockpile area. A local Wetland Permit may be required.*
- c. The property is located within the check-zone of two (2) adjacent NYSDEC Freshwater Wetlands, Wetlands No. G-1 and G-2. The applicant shall provide confirmation from the NYSDEC, indicating whether a Freshwater Wetland Permit is required.*
- d. The Byram River is a Westchester County controlled stream. Any development within 100 feet of*

its banks will require a Stream Control Permit from the Westchester County Department of Public Works (WCDPW).

- e. The applicant should identify those trees likely to require removal for the stockpile area and construction access. The Planning Board will need to determine whether the tree removal is appropriate for the temporary action and if any plantings/screening would be required.*
- f. The applicant shall prepare an Erosion and Sediment Control Plan for review, illustrating and detailing temporary measures to protect the site and downgradient areas from erosion and sediment transport, construction staging and stockpile areas. Should the disturbances associated with the temporary fill plan exceed one (1) acre, the owner will be required to obtain coverage under the NYSDEC General Permit (GP-0-20-001) for Stormwater Discharge from Construction Activities.*

Response No. 3

- a. A grass swale is proposed to offset the floodplain storage that will be reduced as a result of the placement of the stockpile. Please refer to JMC Drawing MSP-1, “Temporary Materials Stockpiling Plan”.
- b. The proposed soil stockpile area is located outside of the existing wetland and associated 100-foot wetland buffer area.
- c. Please refer to email correspondence from the NYSDEC (Christina Pacella), dated 04/28/2020, indicating that the project site is not located within the New York State protected freshwater wetland.
- d. The proposed temporary soil stockpile area is located more than 100 feet from the Byram River, therefore does not require a Stream Control Permit from the Westchester County Department of Public Works (WCDPW). The proposed activity area associated with the main project will be located within 100 feet of the Byram River and will require a Stream Control Permit from the WCDPW. Once the permit has been filed, a copy will be provided under separate cover for the Board’s record.
- e. The site plan depicts the removal of 1 (6” Willow) Town-regulated tree.
- f. The site plan depicts the location and details for temporary erosion and sediment controls.

Comment No. 4

As required by Chapter 161 – Filling and Grading of the Town Code, the owner will be required to provide soil manifests for all fill material delivered to the site stating the date of delivery, the origin of the fill, the type of fill and a representation that there is full compliance with 6 NYCRR, Part 360. Further, the owner will be required to hire an independent inspector, who shall be either a duly Licensed Engineer, a soil scientist or a representative of a New York State certified testing laboratory, independently provide certification that the fill delivered is in compliance with 6 NYCRR, Part 360 for Beneficial Use as General Fill. Specific reference to Part 360.13: Special Requirements for Pre-Determined Beneficial Use of Fill Material, details the required sampling protocol, analysis frequency and analytical parameters to analyze, including metals,

PCBs/pesticides, semi-volatile and volatile organic compounds.

Response No. 4

Please refer to "Soil Sampling Report and Spreadsheet: 75 Cooley Street, Pleasantville, NY", prepared by Phoenix Environmental Laboratories, Inc, dated 06/10/2020, prepared by Phoenix Environmental Laboratories, Inc, dated 06/10/2020.

We trust the attached documents and above responses are sufficient for your review. Thank you for your consideration. If you have any questions or require additional information, please do not hesitate to contact our office at (914) 273-5225.

Sincerely,

JMC Planning Engineering Landscape Architecture & Land Surveying, PLLC



Paul R. Sysak, RLA
Project Manager

cc: Mr. Robert Troccoli
Mr. Curt M. Johnson, R.A.

p:\2019\19124\admin\ltcarthy 06-22-2020.docx

From: [Michael Nowicki](#)
To: [Paul J. Dumont, EIT](#); [Paul R. Sysak, RLA, ASLA](#)
Subject: Fwd: 3-5538-00238_00001 (SD) PERMIT JURISDICTION REVIEW
Date: Friday, May 29, 2020 9:13:26 AM

-----Original Message-----

From: Michael Nowicki <ecolsol@aol.com>
To: Christina.Pacella@dec.ny.gov
Sent: Tue, Apr 28, 2020 9:38 am
Subject: Re: 3-5538-00238_00001 (SD) PERMIT JURISDICTION REVIEW

thanks Christina

Mike

-----Original Message-----

From: Pacella, Christina (DEC) <Christina.Pacella@dec.ny.gov>
To: 'Michael Nowicki' <ecolsol@aol.com>
Cc: dec. sm. DEP. R3 <DEP.R3@dec.ny.gov>; Fisher, Joshua M (DEC) <Joshua.Fisher@dec.ny.gov>; townclerk@northcastleny.com <townclerk@northcastleny.com>
Sent: Tue, Apr 28, 2020 9:36 am
Subject: 3-5538-00238_00001 (SD) PERMIT JURISDICTION REVIEW

Michael Nowicki
Ecological Solutions, LLC
Via email (ecolsol@aol.com)

RE: Proposed Warehouse - 100 Business Park Drive
Town of North Castle, Westchester County
DEC Facility ID# 3-5538-00238/00001
Permit Jurisdiction Screening

Dear Mr. Nowicki:

The New York State Department of Environmental Conservation (DEC or Department) has reviewed your inquiry received by this office on March 27, 2020. The project involves the construction of a 74,850-square-foot (SF), one-store warehouse building at the above-referenced address. Based upon our review of your inquiry and submitted materials, the Department offers the following comments:

PROTECTION OF WATERS

The following stream is located within or near the site you indicated:

Name	Class	DEC Water Index Number	Status
Byram River	C(T)	LIS 13	Protected

A Protection of Waters permit is required to physically disturb the bed or banks (up to 50 feet from stream) of any streams identified above as "protected." A time restriction may be required for protection of cold-water trout fisheries (waters classified under Article 15 of the Environmental Conservation Law (ECL) with a "T" or "TS" designation), beginning October 1 and ending April 30.

If a permit is not required, please note, however, you are still responsible for ensuring that work shall not pollute any stream or waterbody. Care shall be taken to stabilize any disturbed areas promptly after construction, and all necessary precautions shall be taken to prevent contamination of the stream or waterbody by silt, sediment, fuels, solvents, lubricants, or any other pollutant associated with the project.

FRESHWATER WETLANDS

The project site is not within a New York State protected Freshwater Wetland.

WATER QUALITY CERTIFICATION

If the United States Army Corps of Engineers (ACOE) requires a permit for work completed in or impacting a federal wetland or waters of the U.S., you will need a Section 401 Water Quality Certification from the Department. Please contact the ACOE at (917) 790-8411 for a determination.

STATE-LISTED SPECIES

The DEC has reviewed the State's Natural Heritage records. No records of sensitive resources were identified by this review.

The absence of data does not necessarily mean that rare or state-listed species, natural communities, or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information which indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

STATE POLLUTION DISCHARGE ELIMINATION SYSTEM (SPDES) CONSTRUCTION

Since project activities will disturb over one acre of land, the project sponsor must obtain coverage under the current SPDES General Permit for Stormwater Discharge from Construction Activity (GP-0-20-001) and develop a Stormwater Pollution Prevention Plan (SWPPP) that conforms to requirements of the General Permit.

As this site is within a Municipal Separate Storm Sewer System (MS4) community, the municipality is responsible for review and acceptance of the SWPPP, and the MS-4 Acceptance Form must be submitted to the Department. For information on stormwater and the general permits, see the DEC website at <http://www.dec.ny.gov/chemical/8468.html>.

CULTURAL RESOURCES

We have reviewed the statewide inventory of archaeological resources maintained by the New York State Museum and the New York State Office of Parks, Recreation, and Historic Preservation. These records indicate that the project is located within an area considered to be sensitive with regard to archaeological resources. The project sponsor should submit project materials to the New York State Historic Preservation Office's online Cultural Resource Information System (CRIS) to initiate the review process. Information on submitting to the system and access to it are available at <http://www.nysparks.com/shpo/>.

FEMA FLOODPLAIN

The project site is located within a Federal Emergency Management Agency (FEMA) Floodplain. The municipality will determine if any additional jurisdictions are applicable to the proposal.

AIR RESOURCES

If the project activities include the installation of a stationary or portable combustion system that exceeds one of the following thresholds, then an air facility registration may be required:

- A maximum rated heat input capacity less than 10 million British Thermal Units (Btu) per hour burning fuels other than coal or wood; or
- A maximum rated heat input capacity of less than 1 million Btu/hr burning coal or wood.

For more information, please contact the DEC Division of Air Resources at (845) 256-3185.

OTHER

Other permits from this Department or other agencies may be required for projects conducted on this property now or in the future. Also, regulations applicable to the location subject to this determination occasionally are revised and the project sponsor should, therefore, verify the need for permits if your project is delayed or postponed. This determination regarding the need for permits will remain effective for a maximum of one year. More information about DEC permits may be found on our website, www.dec.ny.gov, under "Regulatory" then "Permits and Licenses." Application forms may be downloaded at <http://www.dec.ny.gov/permits/6081.html>.

Please contact this office if you have questions regarding the above information. Thank you.

Sincerely,
Christina Pacella
Division of Environmental Permits
Region 3, Telephone No. (845) 256-2250

Ecc: Joshua Fisher, NYSDEC Bureau of Ecosystem Health

Town of North Castle Town Clerk

Christina Pacella

Environmental Engineering Technician, Division of Environmental Permits

New York State Department of Environmental Conservation

21 South Putt Corners Road, New Paltz, NY 12561

P: (845) 256-2250 | F: (845) 255-4659 | christina.pacella@dec.ny.gov

www.dec.ny.gov

Phoenix Environmental Laboratories, Inc.

587 East Middle Turnpike
P.O. Box 370
Manchester, CT 06040
(860) 645-1102

Lab Sample Id
Collection Date
Client Id
Matrix

Project Id : 75 COOLEY ST PLEASANTVILLE NY

	CAS	Units	NY-GWP	NY-Res.
Miscellaneous/Inorganics				
Percent Solid	PHNX - PCTSOLID	%		
Chromium, Hex. (SW3060 digestion)	18540-29-9	mg/Kg	19	22
Methylacetate	79-20-9	ug/Kg		
pH at 25C - Soil	PHNX - PH	pH Units		
Redox Potential	PHNX - REDOX	mV		
Total Cyanide (SW9010C Distill.)	57-12-5	mg/Kg	40	27
Metals, Total				
Arsenic	7440-38-2	mg/Kg	16	16
Barium	7440-39-3	mg/Kg	820	350
Beryllium	7440-41-7	mg/Kg	47	14
Cadmium	7440-43-9	mg/Kg	7.5	2.5
Chromium	7440-47-3	mg/Kg		
Copper	7440-50-8	mg/kg	1,720	270
Lead	7439-92-1	mg/Kg	450	400
Manganese	7439-96-5	mg/Kg	2,000	2,000
Mercury	7439-97-6	mg/Kg	0.73	0.81
Nickel	7440-02-0	mg/Kg	130	140
Selenium	7782-49-2	mg/Kg	4	36
Silver	7440-22-4	mg/Kg	8.3	36
Trivalent Chromium	16065-83-3	mg/kg		
Zinc	7440-66-6	mg/Kg	2,480	2,200
PCBs By SW8082A				
PCB-1016	12674-11-2	ug/Kg		1,000
PCB-1221	11104-28-2	ug/Kg		1,000
PCB-1232	11141-16-5	ug/Kg		1,000
PCB-1242	53469-21-9	ug/Kg		1,000
PCB-1248	12672-29-6	ug/Kg		1,000
PCB-1254	11097-69-1	ug/Kg		1,000
PCB-1260	11096-82-5	ug/Kg		1,000
PCB-1262	37324-23-5	ug/Kg		
PCB-1268	11100-14-4	ug/Kg		
Volatiles By SW8260C				
1,1,1,2-Tetrachloroethane	630-20-6	ug/Kg		
1,1,1-Trichloroethane	71-55-6	ug/Kg	680	100,000

1,1,2,2-Tetrachloroethane	79-34-5	ug/Kg		
1,1,2-Trichloroethane	79-00-5	ug/Kg		
1,1-Dichloroethane	75-34-3	ug/Kg	270	19,000
1,1-Dichloroethene	75-35-4	ug/Kg	330	100,000
1,1-Dichloropropene	563-58-6	ug/Kg		
1,2,3-Trichlorobenzene	87-61-6	ug/Kg		
1,2,3-Trichloropropane	96-18-4	ug/Kg		
1,2,4-Trichlorobenzene	120-82-1	ug/Kg		
1,2,4-Trimethylbenzene	95-63-6	ug/Kg	3,600	47,000
1,2-Dibromo-3-chloropropane	96-12-8	ug/Kg		
1,2-Dibromoethane	106-93-4	ug/Kg		
1,2-Dichlorobenzene	95-50-1	ug/Kg	1,100	100,000
1,2-Dichloroethane	107-06-2	ug/Kg	20	2,300
1,2-Dichloropropane	78-87-5	ug/Kg		
1,3,5-Trimethylbenzene	108-67-8	ug/Kg	8,400	47,000
1,3-Dichlorobenzene	541-73-1	ug/Kg	2,400	17,000
1,3-Dichloropropane	142-28-9	ug/Kg		
1,4-Dichlorobenzene	106-46-7	ug/Kg	1,800	9,800
2,2-Dichloropropane	594-20-7	ug/Kg		
2-Chlorotoluene	95-49-8	ug/Kg		
2-Hexanone	591-78-6	ug/Kg		
2-Isopropyltoluene	527-84-4	ug/Kg		
4-Chlorotoluene	106-43-4	ug/Kg		
4-Methyl-2-pentanone	108-10-1	ug/Kg		
Acetone	67-64-1	ug/Kg	50	100,000
Acrylonitrile	107-13-1	ug/Kg		
Benzene	71-43-2	ug/Kg	60	2,900
Bromobenzene	108-86-1	ug/Kg		
Bromochloromethane	74-97-5	ug/Kg		
Bromodichloromethane	75-27-4	ug/Kg		
Bromoform	75-25-2	ug/Kg		
Bromomethane	74-83-9	ug/Kg		
Carbon Disulfide	75-15-0	ug/Kg		
Carbon tetrachloride	56-23-5	ug/Kg	760	1,400
Chlorobenzene	108-90-7	ug/Kg	1,100	100,000
Chloroethane	75-00-3	ug/Kg		
Chloroform	67-66-3	ug/Kg	370	10,000
Chloromethane	74-87-3	ug/Kg		
cis-1,2-Dichloroethene	156-59-2	ug/Kg	250	59,000
cis-1,3-Dichloropropene	10061-01-5	ug/Kg		
Dibromochloromethane	124-48-1	ug/Kg		
Dibromomethane	74-95-3	ug/Kg		
Dichlorodifluoromethane	75-71-8	ug/Kg		
Ethylbenzene	100-41-4	ug/Kg	1,000	30,000
Hexachlorobutadiene	87-68-3	ug/Kg		
Isopropylbenzene	98-82-8	ug/Kg		
m&p-Xylene	179601-23-1	ug/Kg		

Methyl Ethyl Ketone	78-93-3	ug/Kg	120	100,000
Methyl t-butyl ether (MTBE)	1634-04-4	ug/Kg	930	62,000
Methylene chloride	75-09-2	ug/Kg	50	51,000
Naphthalene	91-20-3	ug/Kg	12,000	100,000
n-Butylbenzene	104-51-8	ug/Kg	12,000	100,000
n-Propylbenzene	103-65-1	ug/Kg	3,900	100,000
o-Xylene	95-47-6	ug/Kg		
p-Isopropyltoluene	99-87-6	ug/Kg		
sec-Butylbenzene	135-98-8	ug/Kg	11,000	100,000
Styrene	100-42-5	ug/Kg		
tert-Butylbenzene	98-06-6	ug/Kg	5,900	100,000
Tetrachloroethene	127-18-4	ug/Kg	1,300	5,500
Tetrahydrofuran (THF)	109-99-9	ug/Kg		
Toluene	108-88-3	ug/Kg	700	100,000
Total Xylenes	1330-20-7	ug/Kg	1,600	
trans-1,2-Dichloroethene	156-60-5	ug/Kg	190	100,000
trans-1,3-Dichloropropene	10061-02-6	ug/Kg		
trans-1,4-dichloro-2-butene	110-57-6	ug/Kg		
Trichloroethene	79-01-6	ug/Kg	470	10,000
Trichlorofluoromethane	75-69-4	ug/Kg		
Trichlorotrifluoroethane	76-13-1	ug/Kg		
Vinyl chloride	75-01-4	ug/Kg	20	210
Acrolein	107-02-8	ug/Kg		
Tert-butyl alcohol	75-65-0	ug/Kg		

Semivolatiles By SW8270D

1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg		
1,2,4-Trichlorobenzene	120-82-1	ug/Kg		
1,2-Dichlorobenzene	95-50-1	ug/Kg	1,100	100,000
1,2-Diphenylhydrazine	122-66-7	ug/Kg		
1,3-Dichlorobenzene	541-73-1	ug/Kg	2,400	17,000
1,4-Dichlorobenzene	106-46-7	ug/Kg	1,800	9,800
2,4,5-Trichlorophenol	95-95-4	ug/Kg		
2,4,6-Trichlorophenol	88-06-2	ug/Kg		
2,4-Dichlorophenol	120-83-2	ug/Kg		
2,4-Dimethylphenol	105-67-9	ug/Kg		
2,4-Dinitrophenol	51-28-5	ug/Kg		
2,4-Dinitrotoluene	121-14-2	ug/Kg		
2,6-Dinitrotoluene	606-20-2	ug/Kg		
2-Chloronaphthalene	91-58-7	ug/Kg		
2-Chlorophenol	95-57-8	ug/Kg		
2-Methylnaphthalene	91-57-6	ug/Kg		
2-Methylphenol (o-cresol)	95-48-7	ug/Kg	330	100,000
2-Nitroaniline	88-74-4	ug/Kg		
2-Nitrophenol	88-75-5	ug/Kg		
3&4-Methylphenol (m&p-cresol)	PHNX - M&P CRESOL	ug/Kg		
3,3'-Dichlorobenzidine	91-94-1	ug/Kg		

3-Nitroaniline	99-09-2	ug/Kg		
4,6-Dinitro-2-methylphenol	534-52-1	ug/Kg		
4-Bromophenyl phenyl ether	101-55-3	ug/Kg		
4-Chloro-3-methylphenol	59-50-7	ug/Kg		
4-Chloroaniline	106-47-8	ug/Kg		
4-Chlorophenyl phenyl ether	7005-72-3	ug/Kg		
4-Nitroaniline	100-01-6	ug/Kg		
4-Nitrophenol	100-02-7	ug/Kg		
Acenaphthene	83-32-9	ug/Kg	98,000	100,000
Acenaphthylene	208-96-8	ug/Kg	107,000	100,000
Acetophenone	98-86-2	ug/Kg		
Aniline	62-53-3	ug/Kg		
Anthracene	120-12-7	ug/Kg	1,000,000	100,000
Benz(a)anthracene	56-55-3	ug/Kg	1,000	1,000
Benzidine	92-87-5	ug/Kg		
Benzo(a)pyrene	50-32-8	ug/Kg	22,000	1,000
Benzo(b)fluoranthene	205-99-2	ug/Kg	1,700	1,000
Benzo(ghi)perylene	191-24-2	ug/Kg	1,000,000	100,000
Benzo(k)fluoranthene	207-08-9	ug/Kg	1,700	1,000
Benzoic acid	65-85-0	ug/Kg		
Benzyl butyl phthalate	85-68-7	ug/Kg		
Bis(2-chloroethoxy)methane	111-91-1	ug/Kg		
Bis(2-chloroethyl)ether	111-44-4	ug/Kg		
Bis(2-chloroisopropyl)ether	39638-32-9	ug/Kg		
Bis(2-ethylhexyl)phthalate	117-81-7	ug/Kg		
Carbazole	86-74-8	ug/Kg		
Chrysene	218-01-9	ug/Kg	1,000	1,000
Dibenz(a,h)anthracene	53-70-3	ug/Kg	1,000,000	330
Dibenzofuran	132-64-9	ug/Kg	210,000	14,000
Diethyl phthalate	84-66-2	ug/Kg		
Dimethylphthalate	131-11-3	ug/Kg		
Di-n-butylphthalate	84-74-2	ug/Kg		
Di-n-octylphthalate	117-84-0	ug/Kg		
Fluoranthene	206-44-0	ug/Kg	1,000,000	100,000
Fluorene	86-73-7	ug/Kg	386,000	100,000
Hexachlorobenzene	118-74-1	ug/Kg		330
Hexachlorobutadiene	87-68-3	ug/Kg		
Hexachlorocyclopentadiene	77-47-4	ug/Kg		
Hexachloroethane	67-72-1	ug/Kg		
Indeno(1,2,3-cd)pyrene	193-39-5	ug/Kg	8,200	500
Isophorone	78-59-1	ug/Kg		
Naphthalene	91-20-3	ug/Kg	12,000	100,000
Nitrobenzene	98-95-3	ug/Kg		
N-Nitrosodimethylamine	62-75-9	ug/Kg		
N-Nitrosodi-n-propylamine	621-64-7	ug/Kg		
N-Nitrosodiphenylamine	86-30-6	ug/Kg		
Pentachloronitrobenzene	82-68-8	ug/Kg		

Pentachlorophenol	87-86-5	ug/Kg	800	2,400
Phenanthrene	85-01-8	ug/Kg	1,000,000	100,000
Phenol	108-95-2	ug/Kg	330	100,000
Pyrene	129-00-0	ug/Kg	1,000,000	100,000
Pyridine	110-86-1	ug/Kg		

Pesticides - Soil By SW8081B

4,4' -DDD	72-54-8	ug/Kg	14,000	2,600
4,4' -DDE	72-55-9	ug/Kg	17,000	1,800
4,4' -DDT	50-29-3	ug/Kg	136,000	1,700
a-BHC	319-84-6	ug/Kg	20	97
a-Chlordane	5103-71-9	ug/Kg	2,900	910
Aldrin	309-00-2	ug/Kg	190	19
b-BHC	319-85-7	ug/Kg	90	72
Chlordane	57-74-9	ug/Kg		
d-BHC	319-86-8	ug/Kg	250	100,000
Dieldrin	60-57-1	ug/Kg	100	39
Endosulfan I	959-98-8	ug/Kg	102,000	4,800
Endosulfan II	33213-65-9	ug/Kg	102,000	4,800
Endosulfan sulfate	1031-07-8	ug/Kg	1,000,000	4,800
Endrin	72-20-8	ug/Kg	60	2,200
Endrin aldehyde	7421-93-4	ug/Kg		
Endrin ketone	53494-70-5	ug/Kg		
g-BHC	58-89-9	ug/Kg	100	280
g-Chlordane	5103-74-2	ug/Kg		
Heptachlor	76-44-8	ug/Kg	380	420
Heptachlor epoxide	1024-57-3	ug/Kg		
Methoxychlor	72-43-5	ug/Kg		
Toxaphene	8001-35-2	ug/Kg		

Chlorinated Herbicides By SW8151A

2,4,5-T	93-76-5	ug/Kg		
2,4,5-TP (Silvex)	93-72-1	ug/Kg	3,800	58,000
2,4-D	94-75-7	ug/Kg		
2,4-DB	94-82-6	ug/Kg		
Dalapon	75-99-0	ug/Kg		
Dicamba	1918-00-9	ug/Kg		
Dichloroprop	120-36-5	ug/Kg		
Dinoseb	88-85-7	ug/Kg		

Additional Semi-Volatile Compounds By SW8270D

1,1-Biphenyl	92-52-4	ug/Kg		
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/Kg		
Atrazine	1912-24-9	ug/Kg		
Benzaldehyde	100-52-7	ug/Kg		
Benzo(a)pyrene	50-32-8	ug/Kg	22,000	1,000
Caprolactam	105-60-2	ug/Kg		

1,4-dioxane By SW8260C

1,4-dioxane	123-91-1	ug/kg	100	9,800
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Result Detected 

RL Exceeds Criteria 

Result Exceeds Criteria 

[illegible]

[illegible]

120	< 24	24	< 23	23	< 23	23	< 22	22	< 23
930	< 9.5	9.5	< 9.0	9.0	< 9.0	9.0	< 8.9	8.9	< 9.3
50	< 9.5	9.5	< 9.0	9.0	< 9.0	9.0	< 8.9	8.9	< 9.3
12,000	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
12,000	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
3,900	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
11,000	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
5,900	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
1,300	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
700	< 9.5	9.5	< 9.0	9.0	< 9.0	9.0	< 8.9	8.9	< 9.3
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
260	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
190	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
470	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 9.5	9.5	< 9.0	9.0	< 9.0	9.0	< 8.9	8.9	< 9.3
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
20	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 4.8	4.8	< 4.5	4.5	< 4.5	4.5	< 4.5	4.5	< 4.7
	< 95	95	< 90	90	< 90	90	< 89	89	< 93
1,100									
2,400									
1,800									
330									

20,000
100,000

100,000
1,000

1,000
1,000
100,000
800

1,000
330
330

100,000
30,000

500

12,000

800
100,000
330
100,000

3.3
3.3
3.3
20
94
5
36

40
5
2,400
2,400
2,400
14

100
42

3,800

1,000

100	< 71	71	< 68	68	< 68	68	< 67	67	< 70
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280 020 C 5 il	CG08281 6/5/2020 VOC 5 Soil		CG08282 6/5/2020 COMP 1 Soil		CG08283 6/5/2020 COMP 2 Soil		CG08284 6/5/2020 COMP 3 Soil	
	RL	Result	RL	Result	RL	Result	RL	Result
4.7	< 4.5	4.5	91		90		91	
			< 0.41	0.41	< 0.44	0.44	< 0.43	0.43
			8.6	1.00	8.5	1.00	8.56	1.00
			270		279		327	
			< 0.55	0.55	< 0.56	0.56	< 0.50	0.50
			2.23	0.71	1.89	0.66	1.5	0.73
			134	0.36	129	0.33	143	0.37
			0.34	0.29	0.38	0.26	0.37	0.29
			0.87	0.36	0.88	0.33	0.99	0.37
			30.4	0.36	34.1	0.33	31	0.37
			31.5	0.7	35.3	0.7	39.9	0.7
			19.2	0.36	17.7	0.33	14.6	0.37
			292	3.6	346	3.3	289	3.7
			0.08	0.03	0.05	0.03	0.06	0.03
			26	0.36	27.3	0.33	28.2	0.37
			< 1.4	1.4	< 1.3	1.3	< 1.5	1.5
			< 0.36	0.36	< 0.33	0.33	< 0.37	0.37
			30.4	0.36	34.1	0.33	31	0.37
			68.8	0.7	71.5	0.7	74.6	0.7
			< 73	73	< 73	73	< 71	71
			< 73	73	< 73	73	< 71	71
			< 73	73	< 73	73	< 71	71
			< 73	73	< 73	73	< 71	71
			< 73	73	< 73	73	< 71	71
			< 73	73	< 73	73	< 71	71
			< 73	73	< 73	73	< 71	71
			< 73	73	< 73	73	< 71	71
			< 73	73	< 73	73	< 71	71
19	< 4.5	4.5						
4.7	< 4.5	4.5						

[illegible]

[illegible]

	< 360	360	< 360	360	< 360	360
	270	250	< 250	250	< 250	250
	< 250	250	< 250	250	< 250	250
	370	250	< 250	250	340	250
	< 360	360	< 360	360	< 360	360
	< 2.2	2.2	< 2.2	2.2	< 2.1	2.1
	< 3.1	3.1	< 2.2	2.2	< 2.1	2.1
	< 2.2	2.2	< 2.2	2.2	< 2.1	2.1
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 3.6	3.6	< 3.6	3.6	< 3.6	3.6
	< 3.6	3.6	< 3.6	3.6	< 3.6	3.6
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 36	36	< 36	36	< 36	36
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 3.6	3.6	< 3.6	3.6	< 3.6	3.6
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 1.5	1.5	< 1.5	1.5	< 1.4	1.4
	< 3.6	3.6	< 3.6	3.6	< 3.6	3.6
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 7.3	7.3	< 7.3	7.3	< 7.1	7.1
	< 36	36	< 36	36	< 36	36
	< 150	150	< 150	150	< 140	140
	< 90	90	< 92	92	< 91	91
	< 90	90	< 92	92	< 91	91
	< 180	180	< 180	180	< 180	180
	< 1800	1,800	< 1800	1,800	< 1800	1,800
	< 90	90	< 92	92	< 91	91
	< 90	90	< 92	92	< 91	91
	< 180	180	< 180	180	< 180	180
	< 180	180	< 180	180	< 180	180
	< 250	250	< 250	250	< 250	250
	< 250	250	< 250	250	< 250	250
	< 140	140	< 140	140	< 140	140
	< 250	250	< 250	250	< 250	250
	220	250	< 250	250	210	250
	< 140	140	< 140	140	< 140	140

70 | < 67 | | | |

Phoenix Environmental Laboratories, Inc.

587 East Middle Turnpike

P.O. Box 370

Manchester, CT 06040

(860) 645-1102

Lab Sample Id

CG08276

CG08277

CG08278

CG08279

CG08280

CG08281

CG08282

CG08283

CG08284

Sample Comments

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

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

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:

This sample is in a reducing state.

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.

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

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:

This sample is in a reducing state.

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.

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

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:

This sample is in a reducing state.



Wednesday, June 10, 2020

Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Project ID: 75 COOLEY ST PLEASANTVILLE NY
SDG ID: GCG08276
Sample ID#s: CG08276 - CG08284

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,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

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



SDG Comments

June 10, 2020

SDG I.D.: GCG08276

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



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



Sample Id Cross Reference

June 10, 2020

SDG I.D.: GCG08276

Project ID: 75 COOLEY ST PLEASANTVILLE NY

Client Id	Lab Id	Matrix
VOC 1	CG08276	SOIL
VOC 2	CG08277	SOIL
VOC 3	CG08278	SOIL
VOC 4	CG08279	SOIL
VOC 5	CG08280	SOIL
VOC 5	CG08281	SOIL
COMP 1	CG08282	SOIL
COMP 2	CG08283	SOIL
COMP 3	CG08284	SOIL



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



Analysis Report

June 10, 2020

FOR: Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Sample Information

Matrix: SOIL
Location Code: TAYLORD
Rush Request: Standard
P.O.#:

Custody Information

Collected by: ST
Received by: CP
Analyzed by: see "By" below

Date

06/05/20
06/05/20

Time

16:42

Laboratory Data

SDG ID: GCG08276
Phoenix ID: CG08276

Project ID: 75 COOLEY ST PLEASANTVILLE NY
Client ID: VOC 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,1,1-Trichloroethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2-Trichloroethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloropropene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichloropropane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromoethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichlorobenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloroethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloropropane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichlorobenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichloropropane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
1,4-Dichlorobenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
2,2-Dichloropropane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
2-Chlorotoluene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
2-Hexanone	ND	24	ug/Kg	1	06/08/20	HM	SW8260C
2-Isopropyltoluene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
4-Chlorotoluene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
4-Methyl-2-pentanone	ND	24	ug/Kg	1	06/08/20	HM	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	24	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	9.5	ug/Kg	1	06/08/20	HM	SW8260C
Benzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Bromobenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Bromochloromethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Bromodichloromethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Bromoform	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Bromomethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Carbon Disulfide	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Carbon tetrachloride	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Chlorobenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Chloroethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Chloroform	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Chloromethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Dibromochloromethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Dibromomethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Dichlorodifluoromethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Ethylbenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Hexachlorobutadiene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Isopropylbenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
m&p-Xylene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Methyl Ethyl Ketone	ND	24	ug/Kg	1	06/08/20	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.5	ug/Kg	1	06/08/20	HM	SW8260C
Methylene chloride	ND	9.5	ug/Kg	1	06/08/20	HM	SW8260C
Naphthalene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
n-Butylbenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
n-Propylbenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
o-Xylene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
p-Isopropyltoluene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
sec-Butylbenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Styrene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
tert-Butylbenzene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Tetrachloroethene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Tetrahydrofuran (THF)	ND	9.5	ug/Kg	1	06/08/20	HM	SW8260C
Toluene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Total Xylenes	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	9.5	ug/Kg	1	06/08/20	HM	SW8260C
Trichloroethene	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorofluoromethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorotrifluoroethane	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Vinyl chloride	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	1	06/08/20	HM	70 - 130 %
% Bromofluorobenzene	94		%	1	06/08/20	HM	70 - 130 %
% Dibromofluoromethane	98		%	1	06/08/20	HM	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101		%	1	06/08/20	HM	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	71	ug/kg	1	06/08/20	HM	SW8260C
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	19	ug/Kg	1	06/08/20	HM	SW8260C
Acrolein	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	19	ug/Kg	1	06/08/20	HM	SW8260C
Tert-butyl alcohol	ND	95	ug/Kg	1	06/08/20	HM	SW8260C
Methylacetate	ND	4.8	ug/Kg	1	06/08/20	HM	SW8260C
Field Extraction	Completed				06/05/20		SW5035A

1

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

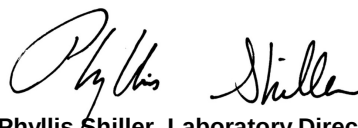
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

June 10, 2020

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



Analysis Report

June 10, 2020

FOR: Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Sample Information

Matrix: SOIL
Location Code: TAYLORD
Rush Request: Standard
P.O.#:

Custody Information

Collected by: ST
Received by: CP
Analyzed by: see "By" below

Date

06/05/20

Time

16:42

Laboratory Data

SDG ID: GCG08276
Phoenix ID: CG08277

Project ID: 75 COOLEY ST PLEASANTVILLE NY
Client ID: VOC 2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,1-Trichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2-Trichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trimethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromoethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3,5-Trimethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,4-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2,2-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2-Chlorotoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2-Hexanone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C
2-Isopropyltoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
4-Chlorotoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
4-Methyl-2-pentanone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	9.0	ug/Kg	1	06/08/20	HM	SW8260C
Benzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromochloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromodichloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromoform	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromomethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Carbon Disulfide	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Carbon tetrachloride	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloroform	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,2-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,3-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dibromochloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dibromomethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dichlorodifluoromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Ethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Hexachlorobutadiene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Isopropylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
m&p-Xylene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Methyl Ethyl Ketone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.0	ug/Kg	1	06/08/20	HM	SW8260C
Methylene chloride	ND	9.0	ug/Kg	1	06/08/20	HM	SW8260C
Naphthalene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
n-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
n-Propylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
o-Xylene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
p-Isopropyltoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
sec-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Styrene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
tert-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Tetrachloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Tetrahydrofuran (THF)	ND	9.0	ug/Kg	1	06/08/20	HM	SW8260C
Toluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Total Xylenes	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,2-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,3-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	9.0	ug/Kg	1	06/08/20	HM	SW8260C
Trichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorofluoromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorotrifluoroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Vinyl chloride	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	102		%	1	06/08/20	HM	70 - 130 %
% Bromofluorobenzene	93		%	1	06/08/20	HM	70 - 130 %
% Dibromofluoromethane	95		%	1	06/08/20	HM	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101		%	1	06/08/20	HM	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	68	ug/kg	1	06/08/20	HM	SW8260C
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	1	06/08/20	HM	SW8260C
Acrolein	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	18	ug/Kg	1	06/08/20	HM	SW8260C
Tert-butyl alcohol	ND	90	ug/Kg	1	06/08/20	HM	SW8260C
Methylacetate	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Field Extraction	Completed				06/05/20		SW5035A

1

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

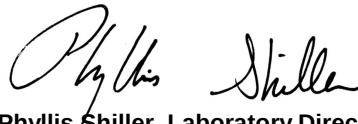
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

June 10, 2020

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



Analysis Report

June 10, 2020

FOR: Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Sample Information

Matrix: SOIL
Location Code: TAYLORD
Rush Request: Standard
P.O.#:

Custody Information

Collected by: ST
Received by: CP
Analyzed by: see "By" below

Date

06/05/20

Time

16:42

Laboratory Data

SDG ID: GCG08276
Phoenix ID: CG08278

Project ID: 75 COOLEY ST PLEASANTVILLE NY
Client ID: VOC 3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,1-Trichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2-Trichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trimethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromoethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3,5-Trimethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,4-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2,2-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2-Chlorotoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2-Hexanone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C
2-Isopropyltoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
4-Chlorotoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
4-Methyl-2-pentanone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	9.0	ug/Kg	1	06/08/20	HM	SW8260C
Benzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromochloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromodichloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromoform	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromomethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Carbon Disulfide	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Carbon tetrachloride	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloroform	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,2-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,3-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dibromochloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dibromomethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dichlorodifluoromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Ethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Hexachlorobutadiene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Isopropylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
m&p-Xylene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Methyl Ethyl Ketone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.0	ug/Kg	1	06/08/20	HM	SW8260C
Methylene chloride	ND	9.0	ug/Kg	1	06/08/20	HM	SW8260C
Naphthalene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
n-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
n-Propylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
o-Xylene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
p-Isopropyltoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
sec-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Styrene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
tert-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Tetrachloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Tetrahydrofuran (THF)	ND	9.0	ug/Kg	1	06/08/20	HM	SW8260C
Toluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Total Xylenes	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,2-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,3-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	9.0	ug/Kg	1	06/08/20	HM	SW8260C
Trichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorofluoromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorotrifluoroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Vinyl chloride	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99		%	1	06/08/20	HM	70 - 130 %
% Bromofluorobenzene	98		%	1	06/08/20	HM	70 - 130 %
% Dibromofluoromethane	95		%	1	06/08/20	HM	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102		%	1	06/08/20	HM	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	68	ug/kg	1	06/08/20	HM	SW8260C
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	1	06/08/20	HM	SW8260C
Acrolein	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	18	ug/Kg	1	06/08/20	HM	SW8260C
Tert-butyl alcohol	ND	90	ug/Kg	1	06/08/20	HM	SW8260C
Methylacetate	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Field Extraction	Completed				06/05/20		SW5035A

1

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

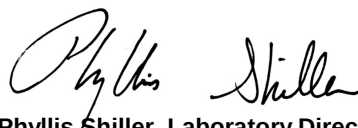
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

June 10, 2020

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



Analysis Report

June 10, 2020

FOR: Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Sample Information

Matrix: SOIL
Location Code: TAYLORD
Rush Request: Standard
P.O.#:

Custody Information

Collected by: ST
Received by: CP
Analyzed by: see "By" below

Date

06/05/20
06/05/20

Time

16:42

Laboratory Data

SDG ID: GCG08276
Phoenix ID: CG08279

Project ID: 75 COOLEY ST PLEASANTVILLE NY
Client ID: VOC 4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,1-Trichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2-Trichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trimethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromoethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3,5-Trimethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,4-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2,2-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2-Chlorotoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2-Hexanone	ND	22	ug/Kg	1	06/08/20	HM	SW8260C
2-Isopropyltoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
4-Chlorotoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
4-Methyl-2-pentanone	ND	22	ug/Kg	1	06/08/20	HM	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	22	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	8.9	ug/Kg	1	06/08/20	HM	SW8260C
Benzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromochloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromodichloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromoform	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromomethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Carbon Disulfide	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Carbon tetrachloride	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloroform	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,2-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,3-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dibromochloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dibromomethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dichlorodifluoromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Ethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Hexachlorobutadiene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Isopropylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
m&p-Xylene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Methyl Ethyl Ketone	ND	22	ug/Kg	1	06/08/20	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.9	ug/Kg	1	06/08/20	HM	SW8260C
Methylene chloride	ND	8.9	ug/Kg	1	06/08/20	HM	SW8260C
Naphthalene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
n-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
n-Propylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
o-Xylene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
p-Isopropyltoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
sec-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Styrene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
tert-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Tetrachloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Tetrahydrofuran (THF)	ND	8.9	ug/Kg	1	06/08/20	HM	SW8260C
Toluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Total Xylenes	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,2-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,3-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	8.9	ug/Kg	1	06/08/20	HM	SW8260C
Trichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorofluoromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorotrifluoroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Vinyl chloride	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101		%	1	06/08/20	HM	70 - 130 %
% Bromofluorobenzene	97		%	1	06/08/20	HM	70 - 130 %
% Dibromofluoromethane	94		%	1	06/08/20	HM	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101		%	1	06/08/20	HM	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	67	ug/kg	1	06/08/20	HM	SW8260C
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	1	06/08/20	HM	SW8260C
Acrolein	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	18	ug/Kg	1	06/08/20	HM	SW8260C
Tert-butyl alcohol	ND	89	ug/Kg	1	06/08/20	HM	SW8260C
Methylacetate	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Field Extraction	Completed				06/05/20		SW5035A

1

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 (preceded 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

June 10, 2020

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



Analysis Report

June 10, 2020

FOR: Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Sample Information

Matrix: SOIL
Location Code: TAYLORD
Rush Request: Standard
P.O.#:

Custody Information

Collected by: ST
Received by: CP
Analyzed by: see "By" below

Date

06/05/20
06/05/20

Time

16:42

Laboratory Data

SDG ID: GCG08276
Phoenix ID: CG08280

Project ID: 75 COOLEY ST PLEASANTVILLE NY
Client ID: VOC 5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,1,1-Trichloroethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2-Trichloroethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloropropene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichloropropane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromoethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichlorobenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloroethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloropropane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichlorobenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichloropropane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
1,4-Dichlorobenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
2,2-Dichloropropane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
2-Chlorotoluene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
2-Hexanone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C
2-Isopropyltoluene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
4-Chlorotoluene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
4-Methyl-2-pentanone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	9.3	ug/Kg	1	06/08/20	HM	SW8260C
Benzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Bromobenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Bromochloromethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Bromodichloromethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Bromoform	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Bromomethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Carbon Disulfide	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Carbon tetrachloride	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Chlorobenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Chloroethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Chloroform	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Chloromethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Dibromochloromethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Dibromomethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Dichlorodifluoromethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Ethylbenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Hexachlorobutadiene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Isopropylbenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
m&p-Xylene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Methyl Ethyl Ketone	ND	23	ug/Kg	1	06/08/20	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.3	ug/Kg	1	06/08/20	HM	SW8260C
Methylene chloride	ND	9.3	ug/Kg	1	06/08/20	HM	SW8260C
Naphthalene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
n-Butylbenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
n-Propylbenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
o-Xylene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
p-Isopropyltoluene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
sec-Butylbenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Styrene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
tert-Butylbenzene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Tetrachloroethene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Tetrahydrofuran (THF)	ND	9.3	ug/Kg	1	06/08/20	HM	SW8260C
Toluene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Total Xylenes	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	9.3	ug/Kg	1	06/08/20	HM	SW8260C
Trichloroethene	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorofluoromethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorotrifluoroethane	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Vinyl chloride	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	101		%	1	06/08/20	HM	70 - 130 %
% Bromofluorobenzene	95		%	1	06/08/20	HM	70 - 130 %
% Dibromofluoromethane	93		%	1	06/08/20	HM	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	101		%	1	06/08/20	HM	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	70	ug/kg	1	06/08/20	HM	SW8260C
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	19	ug/Kg	1	06/08/20	HM	SW8260C
Acrolein	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	19	ug/Kg	1	06/08/20	HM	SW8260C
Tert-butyl alcohol	ND	93	ug/Kg	1	06/08/20	HM	SW8260C
Methylacetate	ND	4.7	ug/Kg	1	06/08/20	HM	SW8260C
Field Extraction	Completed				06/05/20		SW5035A

1

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

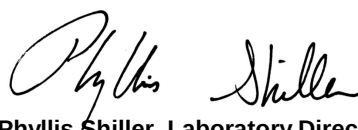
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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

June 10, 2020

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



Analysis Report

June 10, 2020

FOR: Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Sample Information

Matrix: SOIL
Location Code: TAYLORD
Rush Request: Standard
P.O.#:

Custody Information

Collected by: ST
Received by: CP
Analyzed by: see "By" below

Date

06/05/20

Time

16:42

Laboratory Data

SDG ID: GCG08276
Phoenix ID: CG08281

Project ID: 75 COOLEY ST PLEASANTVILLE NY
Client ID: VOC 5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,1-Trichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1,2-Trichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,1-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,3-Trichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2,4-Trimethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dibromoethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,2-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3,5-Trimethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,3-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
1,4-Dichlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2,2-Dichloropropane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2-Chlorotoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
2-Hexanone	ND	22	ug/Kg	1	06/08/20	HM	SW8260C
2-Isopropyltoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
4-Chlorotoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
4-Methyl-2-pentanone	ND	22	ug/Kg	1	06/08/20	HM	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Acetone	ND	22	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	8.9	ug/Kg	1	06/08/20	HM	SW8260C
Benzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromochloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromodichloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromoform	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Bromomethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Carbon Disulfide	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Carbon tetrachloride	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chlorobenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloroform	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Chloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,2-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
cis-1,3-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dibromochloromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dibromomethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Dichlorodifluoromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Ethylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Hexachlorobutadiene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Isopropylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
m&p-Xylene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Methyl Ethyl Ketone	ND	22	ug/Kg	1	06/08/20	HM	SW8260C
Methyl t-butyl ether (MTBE)	ND	8.9	ug/Kg	1	06/08/20	HM	SW8260C
Methylene chloride	ND	8.9	ug/Kg	1	06/08/20	HM	SW8260C
Naphthalene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
n-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
n-Propylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
o-Xylene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
p-Isopropyltoluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
sec-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Styrene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
tert-Butylbenzene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Tetrachloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Tetrahydrofuran (THF)	ND	8.9	ug/Kg	1	06/08/20	HM	SW8260C
Toluene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Total Xylenes	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,2-Dichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,3-Dichloropropene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
trans-1,4-dichloro-2-butene	ND	8.9	ug/Kg	1	06/08/20	HM	SW8260C
Trichloroethene	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorofluoromethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Trichlorotrifluoroethane	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Vinyl chloride	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99		%	1	06/08/20	HM	70 - 130 %
% Bromofluorobenzene	97		%	1	06/08/20	HM	70 - 130 %
% Dibromofluoromethane	94		%	1	06/08/20	HM	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Toluene-d8	102		%	1	06/08/20	HM	70 - 130 %
<u>1,4-dioxane</u>							
1,4-dioxane	ND	67	ug/kg	1	06/08/20	HM	SW8260C
<u>Volatiles</u>							
1,1,1,2-Tetrachloroethane	ND	18	ug/Kg	1	06/08/20	HM	SW8260C
Acrolein	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Acrylonitrile	ND	18	ug/Kg	1	06/08/20	HM	SW8260C
Tert-butyl alcohol	ND	89	ug/Kg	1	06/08/20	HM	SW8260C
Methylacetate	ND	4.5	ug/Kg	1	06/08/20	HM	SW8260C
Field Extraction	Completed				06/05/20		SW5035A

1

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 (preceded 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.

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Phyllis Shiller, Laboratory Director

June 10, 2020

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



Analysis Report

June 10, 2020

FOR: Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Sample Information

Matrix: SOIL
Location Code: TAYLORD
Rush Request: Standard
P.O.#:

Custody Information

Collected by: ST
Received by: CP
Analyzed by: see "By" below

Date

06/05/20

Time

16:42

Laboratory Data

SDG ID: GCG08276
Phoenix ID: CG08282

Project ID: 75 COOLEY ST PLEASANTVILLE NY
Client ID: COMP 1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.36	0.36		mg/Kg	1	06/06/20	EK	SW6010D
Arsenic	2.23	0.71		mg/Kg	1	06/06/20	EK	SW6010D
Barium	134	0.36		mg/Kg	1	06/06/20	EK	SW6010D
Beryllium	0.34	0.29		mg/Kg	1	06/06/20	EK	SW6010D
Cadmium	0.87	0.36		mg/Kg	1	06/06/20	EK	SW6010D
Chromium	30.4	0.36		mg/Kg	1	06/06/20	EK	SW6010D
Copper	31.5	0.7		mg/kg	1	06/06/20	EK	SW6010D
Mercury	0.08	0.03		mg/Kg	2	06/10/20	RS	SW7471B
Manganese	292	3.6		mg/Kg	10	06/08/20	CPP	SW6010D
Nickel	26.0	0.36		mg/Kg	1	06/06/20	EK	SW6010D
Lead	19.2	0.36		mg/Kg	1	06/06/20	EK	SW6010D
Selenium	< 1.4	1.4		mg/Kg	1	06/06/20	EK	SW6010D
Trivalent Chromium	30.4	0.36		mg/kg	1	06/08/20		CALC 6010-7196
Zinc	68.8	0.7		mg/Kg	1	06/06/20	EK	SW6010D
Percent Solid	91			%		06/05/20	HB	SW846-%Solid
Chromium, Hex. (SW3060 digestion)	< 0.41	0.41		mg/Kg	1	06/08/20	ARG	SW7196A
pH at 25C - Soil	8.60	1.00		pH Units	1	06/05/20 20:38	AP	SW846 9045 1
Redox Potential	270			mV	1	06/05/20	AP	SM2580B-09 1
Total Cyanide (SW9010C Distill.)	< 0.55	0.55		mg/Kg	1	06/09/20	O/GD	SW9012B
Soil Extraction for PCB	Completed					06/05/20	LL/EE	SW3545A
Soil Extraction for Pesticides	Completed					06/05/20	LL/EE	SW3545A
Mercury Digestion	Completed					06/10/20	VT/KL/VT	SW7471B
Soil Extraction for SVOA	Completed					06/05/20	RR/EE	SW3546
Soil Extraction for Herbicide	Completed					06/08/20	J/D	SW3550C
Total Metals Digest	Completed					06/05/20	B/AG/BF	SW3050B

Chlorinated Herbicides

2,4,5-T	ND	90	ug/Kg	10	06/09/20	JRB	SW8151A
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	90		ug/Kg	10	06/09/20	JRB	SW8151A
2,4-D	ND	180		ug/Kg	10	06/09/20	JRB	SW8151A
2,4-DB	ND	1800		ug/Kg	10	06/09/20	JRB	SW8151A
Dalapon	ND	90		ug/Kg	10	06/09/20	JRB	SW8151A
Dicamba	ND	90		ug/Kg	10	06/09/20	JRB	SW8151A
Dichloroprop	ND	180		ug/Kg	10	06/09/20	JRB	SW8151A
Dinoseb	ND	180		ug/Kg	10	06/09/20	JRB	SW8151A
<u>QA/QC Surrogates</u>								
% DCAA	62			%	10	06/09/20	JRB	30 - 150 %
% DCAA (Confirmation)	56			%	10	06/09/20	JRB	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1221	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1232	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1242	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1248	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1254	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1260	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1262	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1268	ND	73		ug/Kg	2	06/09/20	SC	SW8082A

QA/QC Surrogates

% DCBP	68			%	2	06/09/20	SC	30 - 150 %
% DCBP (Confirmation)	65			%	2	06/09/20	SC	30 - 150 %
% TCMX	67			%	2	06/09/20	SC	30 - 150 %
% TCMX (Confirmation)	64			%	2	06/09/20	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2		ug/Kg	2	06/08/20	CG	SW8081B
4,4' -DDE	ND	3.1		ug/Kg	2	06/08/20	CG	SW8081B
4,4' -DDT	ND	2.2		ug/Kg	2	06/08/20	CG	SW8081B
a-BHC	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
a-Chlordane	ND	3.6		ug/Kg	2	06/08/20	CG	SW8081B
Aldrin	ND	3.6		ug/Kg	2	06/08/20	CG	SW8081B
b-BHC	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
Chlordane	ND	36		ug/Kg	2	06/08/20	CG	SW8081B
d-BHC	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
Dieldrin	ND	3.6		ug/Kg	2	06/08/20	CG	SW8081B
Endosulfan I	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
Endosulfan II	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
Endosulfan sulfate	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
Endrin	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
Endrin aldehyde	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
Endrin ketone	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
g-BHC	ND	1.5		ug/Kg	2	06/08/20	CG	SW8081B
g-Chlordane	ND	3.6		ug/Kg	2	06/08/20	CG	SW8081B
Heptachlor	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
Heptachlor epoxide	ND	7.3		ug/Kg	2	06/08/20	CG	SW8081B
Methoxychlor	ND	36		ug/Kg	2	06/08/20	CG	SW8081B
Toxaphene	ND	150		ug/Kg	2	06/08/20	CG	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>								
% DCBP	65			%	2	06/08/20	CG	30 - 150 %
% DCBP (Confirmation)	62			%	2	06/08/20	CG	30 - 150 %
% TCMX	56			%	2	06/08/20	CG	30 - 150 %
% TCMX (Confirmation)	57			%	2	06/08/20	CG	30 - 150 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,2-Dichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,2-Diphenylhydrazine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
1,3-Dichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,4-Dichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dichlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dimethylphenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dinitrophenol	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dinitrotoluene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,6-Dinitrotoluene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Chloronaphthalene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Chlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Methylnaphthalene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Nitroaniline	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
2-Nitrophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
3-Nitroaniline	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
4,6-Dinitro-2-methylphenol	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
4-Bromophenyl phenyl ether	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
4-Chloroaniline	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
4-Nitroaniline	ND	580		ug/Kg	1	06/06/20	AW	SW8270D
4-Nitrophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Acenaphthene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Acenaphthylene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Acetophenone	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Aniline	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Anthracene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benz(a)anthracene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzidine	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(a)pyrene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(b)fluoranthene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(ghi)perylene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(k)fluoranthene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzoic acid	ND	720		ug/Kg	1	06/06/20	AW	SW8270D
Benzyl butyl phthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Bis(2-chloroethoxy)methane	ND	250		ug/Kg	1	06/06/20	AW	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Bis(2-chloroisopropyl)ether	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Carbazole	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Chrysene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Dibenz(a,h)anthracene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Dibenzofuran	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Diethyl phthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Dimethylphthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Di-n-butylphthalate	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Di-n-octylphthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Fluoranthene	430	250		ug/Kg	1	06/06/20	AW	SW8270D
Fluorene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachlorobutadiene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachlorocyclopentadiene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachloroethane	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Isophorone	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Naphthalene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Nitrobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
N-Nitrosodimethylamine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
N-Nitrosodi-n-propylamine	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
N-Nitrosodiphenylamine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Pentachloronitrobenzene	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Pentachlorophenol	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Phenanthrene	270	250		ug/Kg	1	06/06/20	AW	SW8270D
Phenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Pyrene	370	250		ug/Kg	1	06/06/20	AW	SW8270D
Pyridine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	84			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorobiphenyl	63			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorophenol	67			%	1	06/06/20	AW	30 - 130 %
% Nitrobenzene-d5	67			%	1	06/06/20	AW	30 - 130 %
% Phenol-d5	71			%	1	06/06/20	AW	30 - 130 %
% Terphenyl-d14	77			%	1	06/06/20	AW	30 - 130 %
<u>Additional Semi-Volatile Compounds</u>								
1,1-Biphenyl	ND	250	110	ug/Kg	1	06/06/20	AW	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	06/06/20	AW	SW8270D
Atrazine	ND	140	72	ug/Kg	1	06/06/20	AW	SW8270D
Benzaldehyde	ND	250	110	ug/Kg	1	06/06/20	AW	SW8270D
Benzo(a)pyrene	220	J 250	120	ug/Kg	1	06/06/20	AW	SW8270D
Caprolactam	ND	140	140	ug/Kg	1	06/06/20	AW	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	84			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorobiphenyl	63			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorophenol	67			%	1	06/06/20	AW	30 - 130 %
% Nitrobenzene-d5	67			%	1	06/06/20	AW	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	71			%	1	06/06/20	AW	30 - 130 %
% Terphenyl-d14	77			%	1	06/06/20	AW	30 - 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1
QA/QC Surrogates: Surrogates are compounds (preceded 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.

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

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

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

June 10, 2020

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



Analysis Report

June 10, 2020

FOR: Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Sample Information

Matrix: SOIL
Location Code: TAYLORD
Rush Request: Standard
P.O.#:

Custody Information

Collected by: ST
Received by: CP
Analyzed by: see "By" below

Date

06/05/20

Time

16:42

Laboratory Data

SDG ID: GCG08276
Phoenix ID: CG08283

Project ID: 75 COOLEY ST PLEASANTVILLE NY
Client ID: COMP 2

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.33	0.33		mg/Kg	1	06/06/20	EK	SW6010D
Arsenic	1.89	0.66		mg/Kg	1	06/06/20	EK	SW6010D
Barium	129	0.33		mg/Kg	1	06/06/20	EK	SW6010D
Beryllium	0.38	0.26		mg/Kg	1	06/06/20	EK	SW6010D
Cadmium	0.88	0.33		mg/Kg	1	06/06/20	EK	SW6010D
Chromium	34.1	0.33		mg/Kg	1	06/06/20	EK	SW6010D
Copper	35.3	0.7		mg/kg	1	06/06/20	EK	SW6010D
Mercury	0.05	0.03		mg/Kg	2	06/10/20	RS	SW7471B
Manganese	346	3.3		mg/Kg	10	06/08/20	CPP	SW6010D
Nickel	27.3	0.33		mg/Kg	1	06/06/20	EK	SW6010D
Lead	17.7	0.33		mg/Kg	1	06/06/20	EK	SW6010D
Selenium	< 1.3	1.3		mg/Kg	1	06/06/20	EK	SW6010D
Trivalent Chromium	34.1	0.33		mg/kg	1	06/08/20		CALC 6010-7196
Zinc	71.5	0.7		mg/Kg	1	06/06/20	EK	SW6010D
Percent Solid	90			%		06/05/20	HB	SW846-%Solid
Chromium, Hex. (SW3060 digestion)	< 0.44	0.44		mg/Kg	1	06/08/20	ARG	SW7196A
pH at 25C - Soil	8.50	1.00		pH Units	1	06/05/20 20:38	AP	SW846 9045
Redox Potential	279			mV	1	06/05/20	AP	SM2580B-09
Total Cyanide (SW9010C Distill.)	< 0.56	0.56		mg/Kg	1	06/09/20	O/GD	SW9012B
Soil Extraction for PCB	Completed					06/05/20	LL/EE	SW3545A
Soil Extraction for Pesticides	Completed					06/05/20	LL/EE	SW3545A
Mercury Digestion	Completed					06/10/20	VT/KL/VT	SW7471B
Soil Extraction for SVOA	Completed					06/05/20	RR/EE	SW3546
Soil Extraction for Herbicide	Completed					06/08/20	J/D	SW3550C
Total Metals Digest	Completed					06/05/20	B/AG/BF	SW3050B

Chlorinated Herbicides

2,4,5-T	ND	92	ug/Kg	10	06/09/20	JRB	SW8151A
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	92		ug/Kg	10	06/09/20	JRB	SW8151A
2,4-D	ND	180		ug/Kg	10	06/09/20	JRB	SW8151A
2,4-DB	ND	1800		ug/Kg	10	06/09/20	JRB	SW8151A
Dalapon	ND	92		ug/Kg	10	06/09/20	JRB	SW8151A
Dicamba	ND	92		ug/Kg	10	06/09/20	JRB	SW8151A
Dichloroprop	ND	180		ug/Kg	10	06/09/20	JRB	SW8151A
Dinoseb	ND	180		ug/Kg	10	06/09/20	JRB	SW8151A
<u>QA/QC Surrogates</u>								
% DCAA	60			%	10	06/09/20	JRB	30 - 150 %
% DCAA (Confirmation)	56			%	10	06/09/20	JRB	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1221	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1232	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1242	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1248	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1254	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1260	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1262	ND	73		ug/Kg	2	06/09/20	SC	SW8082A
PCB-1268	ND	73		ug/Kg	2	06/09/20	SC	SW8082A

QA/QC Surrogates

% DCBP	70			%	2	06/09/20	SC	30 - 150 %
% DCBP (Confirmation)	71			%	2	06/09/20	SC	30 - 150 %
% TCMX	73			%	2	06/09/20	SC	30 - 150 %
% TCMX (Confirmation)	72			%	2	06/09/20	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.2		ug/Kg	2	06/09/20	CG	SW8081B
4,4' -DDE	ND	2.2		ug/Kg	2	06/09/20	CG	SW8081B
4,4' -DDT	ND	2.2		ug/Kg	2	06/09/20	CG	SW8081B
a-BHC	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
a-Chlordane	ND	3.6		ug/Kg	2	06/09/20	CG	SW8081B
Aldrin	ND	3.6		ug/Kg	2	06/09/20	CG	SW8081B
b-BHC	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
Chlordane	ND	36		ug/Kg	2	06/09/20	CG	SW8081B
d-BHC	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
Dieldrin	ND	3.6		ug/Kg	2	06/09/20	CG	SW8081B
Endosulfan I	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
Endosulfan II	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
Endosulfan sulfate	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
Endrin	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
Endrin aldehyde	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
Endrin ketone	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
g-BHC	ND	1.5		ug/Kg	2	06/09/20	CG	SW8081B
g-Chlordane	ND	3.6		ug/Kg	2	06/09/20	CG	SW8081B
Heptachlor	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
Heptachlor epoxide	ND	7.3		ug/Kg	2	06/09/20	CG	SW8081B
Methoxychlor	ND	36		ug/Kg	2	06/09/20	CG	SW8081B
Toxaphene	ND	150		ug/Kg	2	06/09/20	CG	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>								
% DCBP	74			%	2	06/09/20	CG	30 - 150 %
% DCBP (Confirmation)	67			%	2	06/09/20	CG	30 - 150 %
% TCMX	63			%	2	06/09/20	CG	30 - 150 %
% TCMX (Confirmation)	60			%	2	06/09/20	CG	30 - 150 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,2-Dichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,2-Diphenylhydrazine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
1,3-Dichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,4-Dichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dichlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dimethylphenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dinitrophenol	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dinitrotoluene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,6-Dinitrotoluene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Chloronaphthalene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Chlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Methylnaphthalene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Nitroaniline	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
2-Nitrophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
3-Nitroaniline	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
4,6-Dinitro-2-methylphenol	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
4-Bromophenyl phenyl ether	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
4-Chloroaniline	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
4-Nitroaniline	ND	580		ug/Kg	1	06/06/20	AW	SW8270D
4-Nitrophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Acenaphthene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Acenaphthylene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Acetophenone	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Aniline	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Anthracene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benz(a)anthracene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzidine	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(a)pyrene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(b)fluoranthene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(ghi)perylene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(k)fluoranthene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzoic acid	ND	720		ug/Kg	1	06/06/20	AW	SW8270D
Benzyl butyl phthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Bis(2-chloroethoxy)methane	ND	250		ug/Kg	1	06/06/20	AW	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Bis(2-chloroisopropyl)ether	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Carbazole	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Chrysene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Dibenz(a,h)anthracene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Dibenzofuran	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Diethyl phthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Dimethylphthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Di-n-butylphthalate	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Di-n-octylphthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Fluoranthene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Fluorene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachlorobutadiene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachlorocyclopentadiene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachloroethane	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Isophorone	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Naphthalene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Nitrobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
N-Nitrosodimethylamine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
N-Nitrosodi-n-propylamine	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
N-Nitrosodiphenylamine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Pentachloronitrobenzene	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Pentachlorophenol	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Phenanthrene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Phenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Pyrene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Pyridine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	82			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorobiphenyl	61			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorophenol	54			%	1	06/06/20	AW	30 - 130 %
% Nitrobenzene-d5	57			%	1	06/06/20	AW	30 - 130 %
% Phenol-d5	64			%	1	06/06/20	AW	30 - 130 %
% Terphenyl-d14	79			%	1	06/06/20	AW	30 - 130 %
<u>Additional Semi-Volatile Compounds</u>								
1,1-Biphenyl	ND	250	110	ug/Kg	1	06/06/20	AW	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	06/06/20	AW	SW8270D
Atrazine	ND	140	72	ug/Kg	1	06/06/20	AW	SW8270D
Benzaldehyde	ND	250	110	ug/Kg	1	06/06/20	AW	SW8270D
Benzo(a)pyrene	ND	250	120	ug/Kg	1	06/06/20	AW	SW8270D
Caprolactam	ND	140	140	ug/Kg	1	06/06/20	AW	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	82			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorobiphenyl	61			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorophenol	54			%	1	06/06/20	AW	30 - 130 %
% Nitrobenzene-d5	57			%	1	06/06/20	AW	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	64			%	1	06/06/20	AW	30 - 130 %
% Terphenyl-d14	79			%	1	06/06/20	AW	30 - 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 LOD=Limit of Detection MDL=Method Detection Limit1

QA/QC Surrogates: Surrogates are compounds (preceded 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.

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

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

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

June 10, 2020

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



Analysis Report

June 10, 2020

FOR: Attn: Mr. Scott Taylor
Taylord Environment, Inc.
PO BOX 613
Wingdale, NY 12594

Sample Information

Matrix: SOIL
Location Code: TAYLORD
Rush Request: Standard
P.O.#:

Custody Information

Collected by: ST
Received by: CP
Analyzed by: see "By" below

Date

06/05/20
06/05/20

Time

16:42

Laboratory Data

SDG ID: GCG08276
Phoenix ID: CG08284

Project ID: 75 COOLEY ST PLEASANTVILLE NY
Client ID: COMP 3

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.37	0.37		mg/Kg	1	06/06/20	EK	SW6010D
Arsenic	1.50	0.73		mg/Kg	1	06/06/20	EK	SW6010D
Barium	143	0.37		mg/Kg	1	06/06/20	EK	SW6010D
Beryllium	0.37	0.29		mg/Kg	1	06/06/20	EK	SW6010D
Cadmium	0.99	0.37		mg/Kg	1	06/06/20	EK	SW6010D
Chromium	31.0	0.37		mg/Kg	1	06/06/20	EK	SW6010D
Copper	39.9	0.7		mg/kg	1	06/06/20	EK	SW6010D
Mercury	0.06	0.03		mg/Kg	2	06/10/20	RS	SW7471B
Manganese	289	3.7		mg/Kg	10	06/08/20	CPP	SW6010D
Nickel	28.2	0.37		mg/Kg	1	06/06/20	EK	SW6010D
Lead	14.6	0.37		mg/Kg	1	06/06/20	EK	SW6010D
Selenium	< 1.5	1.5		mg/Kg	1	06/06/20	EK	SW6010D
Trivalent Chromium	31.0	0.37		mg/kg	1	06/09/20		CALC 6010-7196
Zinc	74.6	0.7		mg/Kg	1	06/06/20	EK	SW6010D
Percent Solid	91			%		06/05/20	HB	SW846-%Solid
Chromium, Hex. (SW3060 digestion)	< 0.43	0.43		mg/Kg	1	06/09/20	ARG	SW7196A
pH at 25C - Soil	8.56	1.00		pH Units	1	06/05/20 20:38	AP	SW846 9045
Redox Potential	327			mV	1	06/05/20	AP	SM2580B-09
Total Cyanide (SW9010C Distill.)	< 0.50	0.50		mg/Kg	1	06/09/20	O/GD	SW9012B
Soil Extraction for PCB	Completed					06/05/20	LL/EE	SW3545A
Soil Extraction for Pesticides	Completed					06/05/20	LL/EE	SW3545A
Mercury Digestion	Completed					06/10/20	VT/KL/VT	SW7471B
Soil Extraction for SVOA	Completed					06/05/20	RR/EE	SW3546
Soil Extraction for Herbicide	Completed					06/08/20	J/D	SW3550C
Total Metals Digest	Completed					06/05/20	B/AG/BF	SW3050B

Chlorinated Herbicides

2,4,5-T	ND	91	ug/Kg	10	06/09/20	JRB	SW8151A
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Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
2,4,5-TP (Silvex)	ND	91		ug/Kg	10	06/09/20	JRB	SW8151A
2,4-D	ND	180		ug/Kg	10	06/09/20	JRB	SW8151A
2,4-DB	ND	1800		ug/Kg	10	06/09/20	JRB	SW8151A
Dalapon	ND	91		ug/Kg	10	06/09/20	JRB	SW8151A
Dicamba	ND	91		ug/Kg	10	06/09/20	JRB	SW8151A
Dichloroprop	ND	180		ug/Kg	10	06/09/20	JRB	SW8151A
Dinoseb	ND	180		ug/Kg	10	06/09/20	JRB	SW8151A
<u>QA/QC Surrogates</u>								
% DCAA	66			%	10	06/09/20	JRB	30 - 150 %
% DCAA (Confirmation)	59			%	10	06/09/20	JRB	30 - 150 %

Polychlorinated Biphenyls

PCB-1016	ND	71		ug/Kg	2	06/08/20	SC	SW8082A
PCB-1221	ND	71		ug/Kg	2	06/08/20	SC	SW8082A
PCB-1232	ND	71		ug/Kg	2	06/08/20	SC	SW8082A
PCB-1242	ND	71		ug/Kg	2	06/08/20	SC	SW8082A
PCB-1248	ND	71		ug/Kg	2	06/08/20	SC	SW8082A
PCB-1254	ND	71		ug/Kg	2	06/08/20	SC	SW8082A
PCB-1260	ND	71		ug/Kg	2	06/08/20	SC	SW8082A
PCB-1262	ND	71		ug/Kg	2	06/08/20	SC	SW8082A
PCB-1268	ND	71		ug/Kg	2	06/08/20	SC	SW8082A

QA/QC Surrogates

% DCBP	80			%	2	06/08/20	SC	30 - 150 %
% DCBP (Confirmation)	83			%	2	06/08/20	SC	30 - 150 %
% TCMX	73			%	2	06/08/20	SC	30 - 150 %
% TCMX (Confirmation)	77			%	2	06/08/20	SC	30 - 150 %

Pesticides - Soil

4,4' -DDD	ND	2.1		ug/Kg	2	06/08/20	CG	SW8081B
4,4' -DDE	ND	2.1		ug/Kg	2	06/08/20	CG	SW8081B
4,4' -DDT	ND	2.1		ug/Kg	2	06/08/20	CG	SW8081B
a-BHC	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
a-Chlordane	ND	3.6		ug/Kg	2	06/08/20	CG	SW8081B
Aldrin	ND	3.6		ug/Kg	2	06/08/20	CG	SW8081B
b-BHC	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
Chlordane	ND	36		ug/Kg	2	06/08/20	CG	SW8081B
d-BHC	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
Dieldrin	ND	3.6		ug/Kg	2	06/08/20	CG	SW8081B
Endosulfan I	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
Endosulfan II	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
Endosulfan sulfate	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
Endrin	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
Endrin aldehyde	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
Endrin ketone	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
g-BHC	ND	1.4		ug/Kg	2	06/08/20	CG	SW8081B
g-Chlordane	ND	3.6		ug/Kg	2	06/08/20	CG	SW8081B
Heptachlor	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
Heptachlor epoxide	ND	7.1		ug/Kg	2	06/08/20	CG	SW8081B
Methoxychlor	ND	36		ug/Kg	2	06/08/20	CG	SW8081B
Toxaphene	ND	140		ug/Kg	2	06/08/20	CG	SW8081B

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
<u>QA/QC Surrogates</u>								
% DCBP	71			%	2	06/08/20	CG	30 - 150 %
% DCBP (Confirmation)	71			%	2	06/08/20	CG	30 - 150 %
% TCMX	57			%	2	06/08/20	CG	30 - 150 %
% TCMX (Confirmation)	61			%	2	06/08/20	CG	30 - 150 %
<u>Semivolatiles</u>								
1,2,4,5-Tetrachlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,2,4-Trichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,2-Dichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,2-Diphenylhydrazine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
1,3-Dichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
1,4-Dichlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4,5-Trichlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4,6-Trichlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dichlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dimethylphenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dinitrophenol	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
2,4-Dinitrotoluene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2,6-Dinitrotoluene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Chloronaphthalene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Chlorophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Methylnaphthalene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Methylphenol (o-cresol)	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
2-Nitroaniline	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
2-Nitrophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
3&4-Methylphenol (m&p-cresol)	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
3,3'-Dichlorobenzidine	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
3-Nitroaniline	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
4,6-Dinitro-2-methylphenol	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
4-Bromophenyl phenyl ether	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
4-Chloro-3-methylphenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
4-Chloroaniline	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
4-Chlorophenyl phenyl ether	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
4-Nitroaniline	ND	580		ug/Kg	1	06/06/20	AW	SW8270D
4-Nitrophenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Acenaphthene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Acenaphthylene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Acetophenone	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Aniline	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Anthracene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benz(a)anthracene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzidine	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(a)pyrene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(b)fluoranthene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(ghi)perylene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzo(k)fluoranthene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Benzoic acid	ND	720		ug/Kg	1	06/06/20	AW	SW8270D
Benzyl butyl phthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Bis(2-chloroethoxy)methane	ND	250		ug/Kg	1	06/06/20	AW	SW8270D

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Bis(2-chloroethyl)ether	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Bis(2-chloroisopropyl)ether	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Carbazole	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Chrysene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Dibenz(a,h)anthracene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Dibenzofuran	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Diethyl phthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Dimethylphthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Di-n-butylphthalate	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Di-n-octylphthalate	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Fluoranthene	370	250		ug/Kg	1	06/06/20	AW	SW8270D
Fluorene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachlorobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachlorobutadiene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachlorocyclopentadiene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Hexachloroethane	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Isophorone	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Naphthalene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Nitrobenzene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
N-Nitrosodimethylamine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
N-Nitrosodi-n-propylamine	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
N-Nitrosodiphenylamine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Pentachloronitrobenzene	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Pentachlorophenol	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
Phenanthrene	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Phenol	ND	250		ug/Kg	1	06/06/20	AW	SW8270D
Pyrene	340	250		ug/Kg	1	06/06/20	AW	SW8270D
Pyridine	ND	360		ug/Kg	1	06/06/20	AW	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	83			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorophenol	69			%	1	06/06/20	AW	30 - 130 %
% Nitrobenzene-d5	69			%	1	06/06/20	AW	30 - 130 %
% Phenol-d5	74			%	1	06/06/20	AW	30 - 130 %
% Terphenyl-d14	78			%	1	06/06/20	AW	30 - 130 %
<u>Additional Semi-Volatile Compounds</u>								
1,1-Biphenyl	ND	250	110	ug/Kg	1	06/06/20	AW	SW8270D
1,2,4,5-Tetrachlorobenzene	ND	250	130	ug/Kg	1	06/06/20	AW	SW8270D
Atrazine	ND	140	72	ug/Kg	1	06/06/20	AW	SW8270D
Benzaldehyde	ND	250	110	ug/Kg	1	06/06/20	AW	SW8270D
Benzo(a)pyrene	210	J 250	120	ug/Kg	1	06/06/20	AW	SW8270D
Caprolactam	ND	140	140	ug/Kg	1	06/06/20	AW	SW8270D
<u>QA/QC Surrogates</u>								
% 2,4,6-Tribromophenol	83			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorobiphenyl	65			%	1	06/06/20	AW	30 - 130 %
% 2-Fluorophenol	69			%	1	06/06/20	AW	30 - 130 %
% Nitrobenzene-d5	69			%	1	06/06/20	AW	30 - 130 %

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
% Phenol-d5	74			%	1	06/06/20	AW	30 - 130 %
% Terphenyl-d14	78			%	1	06/06/20	AW	30 - 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 J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit
QA/QC Surrogates: Surrogates are compounds (preceded 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.

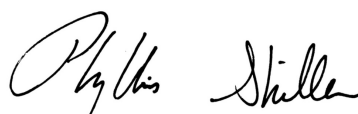
Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

Hexavalent Chromium:
This sample is in a reducing state.

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

June 10, 2020

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



QA/QC Report

June 10, 2020

QA/QC Data

SDG I.D.: GCG08276

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 532576 (mg/kg), QC Sample No: CG08059 40X (CG08282, CG08283)

Chromium, Hexavalent - Soil

Chromium, Hexavalent	BRL	0.40	0.63	0.52	NC	102						85 - 115	30
Chromium, Hexavalent (Ins)						96.0			110			85 - 115	30
Chromium, Hexavalent (Sol)						101			87.6			85 - 115	30

QA/QC Batch 532728 (mg/kg), QC Sample No: CG08749 40X (CG08284)

Chromium, Hexavalent - Soil

Chromium, Hexavalent	BRL	0.40	<0.51	<0.48	NC	101						85 - 115	30
Chromium, Hexavalent (Ins)						99.5			76.0			85 - 115	30 m
Chromium, Hexavalent (Sol)						104			<10			85 - 115	30 m

Comment:

The QC sample is in a reducing state, acceptance criteria are not applicable for samples in a reducing state. The soluble spike was analyzed twice with similar recoveries.

QA/QC Batch 532893 (mg/kg), QC Sample No: CG08282 2X (CG08282, CG08283, CG08284)

Mercury - Soil	BRL	0.03	0.08	0.09	11.8	101	102	1.0	88.6	82.6	7.0	70 - 130	30
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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 532482 (mg/kg), QC Sample No: CG07889 (CG08282, CG08283, CG08284)

ICP Metals - Soil

Arsenic	BRL	0.67	6.11	5.00	20.0	95.4	95.2	0.2	96.2			75 - 125	35
Barium	BRL	0.33	36.8	33.0	10.9	95.9	95.7	0.2	107			75 - 125	35
Beryllium	BRL	0.27	0.31	<0.29	NC	100	112	11.3	101			75 - 125	35
Cadmium	BRL	0.33	0.59	0.57	NC	98.7	108	9.0	99.8			75 - 125	35
Chromium	BRL	0.33	14.3	13.6	5.00	96.8	103	6.2	100			75 - 125	35
Copper	BRL	0.67	14.9	14.7	1.40	88.4	103	15.3	95.9			75 - 125	35
Lead	BRL	0.33	11.3	12.8	12.4	92.9	90.4	2.7	92.9			75 - 125	35
Manganese	BRL	0.33	336	341	1.50	96.7	103	6.3	119			75 - 125	35
Nickel	BRL	0.33	11.4	10.7	6.30	98.8	109	9.8	102			75 - 125	35
Selenium	BRL	1.3	<1.3	<1.5	NC	93.7	96.8	3.3	92.2			75 - 125	35
Silver	BRL	0.33	<0.34	<0.37	NC	85.9	86.9	1.2	92.5			75 - 125	35
Zinc	BRL	0.67	28.4	28.3	0.40	93.9	99.0	5.3	103			75 - 125	35

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.



Environmental Laboratories, Inc.
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QA/QC Report

June 10, 2020

QA/QC Data

SDG I.D.: GCG08276

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 532676 (mg/Kg), QC Sample No: CG08223 50X (CG08282, CG08283, CG08284)													
Total Cyanide (SW9010C Distill.)	BRL	0.50	<0.48	<0.53	NC	110			104			80 - 120	30
Comment:													
Additional: LCS acceptance range is 80-120% for soils MS acceptance range 75-125% for soils													
QA/QC Batch 532521 (PH), QC Sample No: CG08064 (CG08282, CG08283, CG08284)													
pH at 25C - Soil			8.53	8.53	0	100						85 - 115	20



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QA/QC Report

June 10, 2020

QA/QC Data

SDG I.D.: GCG08276

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 532648 (ug/Kg), QC Sample No: CG08558 10X (CG08282, CG08283, CG08284)										
Chlorinated Herbicides - Soil										
2,4,5-T	ND	83	70	70	0.0	83	79	4.9	40 - 140	30
2,4,5-TP (Silvex)	ND	83	70	66	5.9	81	77	5.1	40 - 140	30
2,4-D	ND	170	69	70	1.4	82	74	10.3	40 - 140	30
2,4-DB	ND	1700	59	62	5.0	68	68	0.0	40 - 140	30
Dalapon	ND	83	50	47	6.2	60	52	14.3	40 - 140	30
Dicamba	ND	83	72	77	6.7	82	78	5.0	40 - 140	30
Dichloroprop	ND	83	78	78	0.0	94	89	5.5	40 - 140	30
Dinoseb	ND	83	62	63	1.6	71	67	5.8	40 - 140	30
% DCAA (Surrogate Rec)	57	%	57	56	1.8	65	61	6.3	30 - 150	30
% DCAA (Surrogate Rec) (Confirm)	58	%	55	53	3.7	60	57	5.1	30 - 150	30

Comment:

Additional criteria: LCS acceptance range is 40-140% MS acceptance range 30-150%.

QA/QC Batch 532484 (ug/Kg), QC Sample No: CG08188 2X (CG08282, CG08283, CG08284)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	33	67	62	7.8	53	46	14.1	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	68	62	9.2	52	45	14.4	40 - 140	30
PCB-1262	ND	33							40 - 140	30
PCB-1268	ND	33							40 - 140	30
% DCBP (Surrogate Rec)	64	%	78	73	6.6	59	52	12.6	30 - 150	30
% DCBP (Surrogate Rec) (Confirm)	62	%	77	78	1.3	63	55	13.6	30 - 150	30
% TCMX (Surrogate Rec)	58	%	72	67	7.2	55	47	15.7	30 - 150	30
% TCMX (Surrogate Rec) (Confirm)	57	%	73	74	1.4	58	51	12.8	30 - 150	30

QA/QC Batch 532485 (ug/Kg), QC Sample No: CG08188 2X (CG08282, CG08283, CG08284)

Pesticides - Soil

4,4' -DDD	ND	1.7	67	64	4.6	65	56	14.9	40 - 140	30
4,4' -DDE	ND	1.7	64	63	1.6	66	56	16.4	40 - 140	30
4,4' -DDT	ND	1.7	64	63	1.6	77	64	18.4	40 - 140	30
a-BHC	ND	1.0	53	45	16.3	79	69	13.5	40 - 140	30
a-Chlordane	ND	3.3	70	67	4.4	64	58	9.8	40 - 140	30
Aldrin	ND	1.0	67	61	9.4	59	49	18.5	40 - 140	30
b-BHC	ND	1.0	75	68	9.8	99	71	32.9	40 - 140	30
Chlordane	ND	33	68	66	3.0	60	54	10.5	40 - 140	30
d-BHC	ND	3.3	51	48	6.1	46	41	11.5	40 - 140	30
Dieldrin	ND	1.0	66	63	4.7	78	53	38.2	40 - 140	30
Endosulfan I	ND	3.3	73	69	5.6	65	56	14.9	40 - 140	30

QA/QC Data

SDG I.D.: GCG08276

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Endosulfan II	ND	3.3	72	68	5.7	62	55	12.0	40 - 140	30
Endosulfan sulfate	ND	3.3	87	77	12.2	82	71	14.4	40 - 140	30
Endrin	ND	3.3	67	64	4.6	60	53	12.4	40 - 140	30
Endrin aldehyde	ND	3.3	54	56	3.6	52	48	8.0	40 - 140	30
Endrin ketone	ND	3.3	75	69	8.3	62	61	1.6	40 - 140	30
g-BHC	ND	1.0	64	59	8.1	55	51	7.5	40 - 140	30
g-Chlordane	ND	3.3	68	66	3.0	60	54	10.5	40 - 140	30
Heptachlor	ND	3.3	64	59	8.1	59	52	12.6	40 - 140	30
Heptachlor epoxide	ND	3.3	65	62	4.7	56	51	9.3	40 - 140	30
Methoxychlor	ND	3.3	74	69	7.0	66	63	4.7	40 - 140	30
Toxaphene	ND	130	NA	NA	NC	NA	NA	NC	40 - 140	30
% DCBP	58	%	72	66	8.7	59	54	8.8	30 - 150	30
% DCBP (Confirmation)	60	%	69	63	9.1	57	51	11.1	30 - 150	30
% TCMX	47	%	58	50	14.8	47	48	2.1	30 - 150	30
% TCMX (Confirmation)	46	%	60	51	16.2	52	47	10.1	30 - 150	30

QA/QC Batch 532502 (ug/kg), QC Sample No: CG08282 (CG08282, CG08283, CG08284)

Semivolatiles - Soil

1,1-Biphenyl	ND	230	55	64	15.1	69	67	2.9	40 - 140	30	
1,2,4,5-Tetrachlorobenzene	ND	230	50	59	16.5	69	66	4.4	40 - 140	30	
1,2,4-Trichlorobenzene	ND	230	42	55	26.8	65	66	1.5	40 - 140	30	
1,2-Dichlorobenzene	ND	180	34	45	27.8	59	62	5.0	40 - 140	30	I
1,2-Diphenylhydrazine	ND	230	62	72	14.9	76	74	2.7	40 - 140	30	
1,3-Dichlorobenzene	ND	230	33	44	28.6	57	60	5.1	40 - 140	30	I
1,4-Dichlorobenzene	ND	230	33	44	28.6	57	62	8.4	40 - 140	30	I
2,4,5-Trichlorophenol	ND	230	63	73	14.7	76	75	1.3	40 - 140	30	
2,4,6-Trichlorophenol	ND	130	65	72	10.2	76	75	1.3	30 - 130	30	
2,4-Dichlorophenol	ND	130	62	68	9.2	75	73	2.7	30 - 130	30	
2,4-Dimethylphenol	ND	230	65	74	12.9	78	77	1.3	30 - 130	30	
2,4-Dinitrophenol	ND	230	13	17	26.7	49	33	39.0	30 - 130	30	I,r
2,4-Dinitrotoluene	ND	130	69	81	16.0	85	82	3.6	30 - 130	30	
2,6-Dinitrotoluene	ND	130	66	76	14.1	76	76	0.0	40 - 140	30	
2-Chloronaphthalene	ND	230	58	66	12.9	73	70	4.2	40 - 140	30	
2-Chlorophenol	ND	230	50	58	14.8	72	75	4.1	30 - 130	30	
2-Methylnaphthalene	ND	230	51	59	14.5	70	69	1.4	40 - 140	30	
2-Methylphenol (o-cresol)	ND	230	55	61	10.3	74	75	1.3	40 - 140	30	
2-Nitroaniline	ND	330	138	157	12.9	167	161	3.7	40 - 140	30	I,m
2-Nitrophenol	ND	230	52	64	20.7	75	77	2.6	40 - 140	30	
3&4-Methylphenol (m&p-cresol)	ND	230	61	65	6.3	75	74	1.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	130	68	83	19.9	80	79	1.3	40 - 140	30	
3-Nitroaniline	ND	330	76	88	14.6	92	88	4.4	40 - 140	30	
4,6-Dinitro-2-methylphenol	ND	230	32	39	19.7	72	57	23.3	30 - 130	30	
4-Bromophenyl phenyl ether	ND	230	63	76	18.7	73	72	1.4	40 - 140	30	
4-Chloro-3-methylphenol	ND	230	68	74	8.5	81	79	2.5	30 - 130	30	
4-Chloroaniline	ND	230	67	74	9.9	80	79	1.3	40 - 140	30	
4-Chlorophenyl phenyl ether	ND	230	62	70	12.1	74	71	4.1	40 - 140	30	
4-Nitroaniline	ND	230	72	81	11.8	88	83	5.8	40 - 140	30	
4-Nitrophenol	ND	230	53	69	26.2	71	71	0.0	30 - 130	30	
Acenaphthene	ND	230	61	69	12.3	75	73	2.7	30 - 130	30	
Acenaphthylene	ND	130	59	67	12.7	74	72	2.7	40 - 140	30	
Acetophenone	ND	230	45	52	14.4	64	67	4.6	40 - 140	30	
Aniline	ND	330	44	50	12.8	61	61	0.0	40 - 140	30	
Anthracene	ND	230	61	74	19.3	75	70	6.9	40 - 140	30	

QA/QC Data

SDG I.D.: GCG08276

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Atrazine	ND	130	53	67	23.3	67	64	4.6	40 - 140	30	
Benz(a)anthracene	ND	230	62	74	17.6	70	67	4.4	40 - 140	30	
Benzaldehyde	ND	230	33	42	24.0	22	23	4.4	40 - 140	30	I,m
Benzidine	ND	330	58	70	18.8	29	33	12.9	40 - 140	30	m
Benzo(a)pyrene	ND	130	65	75	14.3	72	70	2.8	40 - 140	30	
Benzo(b)fluoranthene	ND	160	74	85	13.8	83	79	4.9	40 - 140	30	
Benzo(ghi)perylene	ND	230	64	73	13.1	73	71	2.8	40 - 140	30	
Benzo(k)fluoranthene	ND	230	48	58	18.9	54	52	3.8	40 - 140	30	
Benzoic Acid	ND	670	<10	<10	NC	52	51	1.9	30 - 130	30	I
Benzyl butyl phthalate	ND	230	65	80	20.7	77	75	2.6	40 - 140	30	
Bis(2-chloroethoxy)methane	ND	230	50	60	18.2	66	67	1.5	40 - 140	30	
Bis(2-chloroethyl)ether	ND	130	36	46	24.4	57	60	5.1	40 - 140	30	I
Bis(2-chloroisopropyl)ether	ND	230	36	46	24.4	58	61	5.0	40 - 140	30	I
Bis(2-ethylhexyl)phthalate	ND	230	63	80	23.8	77	75	2.6	40 - 140	30	
Caprolactam	ND	230	61	68	10.9	74	69	7.0	40 - 140	30	
Carbazole	ND	230	63	77	20.0	78	75	3.9	40 - 140	30	
Chrysene	ND	230	63	76	18.7	72	70	2.8	40 - 140	30	
Dibenz(a,h)anthracene	ND	130	60	70	15.4	73	70	4.2	40 - 140	30	
Dibenzofuran	ND	230	61	69	12.3	75	71	5.5	40 - 140	30	
Diethyl phthalate	ND	230	64	76	17.1	79	76	3.9	40 - 140	30	
Dimethylphthalate	ND	230	64	74	14.5	77	74	4.0	40 - 140	30	
Di-n-butylphthalate	ND	670	62	79	24.1	77	75	2.6	40 - 140	30	
Di-n-octylphthalate	ND	230	62	79	24.1	77	75	2.6	40 - 140	30	
Fluoranthene	ND	230	59	73	21.2	69	66	4.4	40 - 140	30	
Fluorene	ND	230	61	71	15.2	75	72	4.1	40 - 140	30	
Hexachlorobenzene	ND	130	67	82	20.1	82	78	5.0	40 - 140	30	
Hexachlorobutadiene	ND	230	38	55	36.6	66	68	3.0	40 - 140	30	I,r
Hexachlorocyclopentadiene	ND	230	29	34	15.9	34	30	12.5	40 - 140	30	I,m
Hexachloroethane	ND	130	33	46	32.9	59	64	8.1	40 - 140	30	I,r
Indeno(1,2,3-cd)pyrene	ND	230	61	70	13.7	68	67	1.5	40 - 140	30	
Isophorone	ND	130	50	58	14.8	64	64	0.0	40 - 140	30	
Naphthalene	ND	230	42	52	21.3	63	64	1.6	40 - 140	30	
Nitrobenzene	ND	130	47	56	17.5	70	73	4.2	40 - 140	30	
N-Nitrosodimethylamine	ND	230	28	36	25.0	42	44	4.7	40 - 140	30	I
N-Nitrosodi-n-propylamine	ND	130	52	57	9.2	67	70	4.4	40 - 140	30	
N-Nitrosodiphenylamine	ND	130	67	78	15.2	84	80	4.9	40 - 140	30	
Pentachloronitrobenzene	ND	230	68	81	17.4	80	80	0.0	40 - 140	30	
Pentachlorophenol	ND	230	39	36	8.0	56	53	5.5	30 - 130	30	
Phenanthrene	ND	130	61	73	17.9	69	66	4.4	40 - 140	30	
Phenol	ND	230	61	68	10.9	83	83	0.0	30 - 130	30	
Pyrene	ND	230	60	75	22.2	74	70	5.6	30 - 130	30	
Pyridine	ND	230	26	36	32.3	42	41	2.4	40 - 140	30	I,r
% 2,4,6-Tribromophenol	87	%	71	86	19.1	83	80	3.7	30 - 130	30	
% 2-Fluorobiphenyl	64	%	50	58	14.8	63	61	3.2	30 - 130	30	
% 2-Fluorophenol	71	%	44	52	16.7	65	68	4.5	30 - 130	30	
% Nitrobenzene-d5	70	%	44	52	16.7	65	67	3.0	30 - 130	30	
% Phenol-d5	77	%	53	58	9.0	68	71	4.3	30 - 130	30	
% Terphenyl-d14	77	%	61	77	23.2	78	76	2.6	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.: GCG08276

Parameter	Blank	Blk	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	%	%
		RL							Rec Limits	RPD Limits
QA/QC Batch 532754 (ug/kg), QC Sample No: CG07919 (CG08276, CG08277, CG08278, CG08279, CG08280, CG08281)										
<u>Volatiles - Soil (Low Level)</u>										
1,1,1,2-Tetrachloroethane	ND	5.0	115	110	4.4	98	93	5.2	70 - 130	30
1,1,1-Trichloroethane	ND	5.0	107	102	4.8	89	91	2.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	3.0	115	110	4.4	98	88	10.8	70 - 130	30
1,1,2-Trichloroethane	ND	5.0	106	101	4.8	90	85	5.7	70 - 130	30
1,1-Dichloroethane	ND	5.0	98	94	4.2	94	94	0.0	70 - 130	30
1,1-Dichloroethene	ND	5.0	113	107	5.5	91	92	1.1	70 - 130	30
1,1-Dichloropropene	ND	5.0	104	96	8.0	88	88	0.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	5.0	106	99	6.8	73	62	16.3	70 - 130	30
1,2,3-Trichloropropane	ND	5.0	109	104	4.7	94	79	17.3	70 - 130	30
1,2,4-Trichlorobenzene	ND	5.0	106	96	9.9	74	63	16.1	70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	107	100	6.8	89	81	9.4	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	5.0	130	122	6.3	96	86	11.0	70 - 130	30
1,2-Dibromoethane	ND	5.0	111	105	5.6	91	85	6.8	70 - 130	30
1,2-Dichlorobenzene	ND	5.0	103	97	6.0	85	75	12.5	70 - 130	30
1,2-Dichloroethane	ND	5.0	107	101	5.8	88	85	3.5	70 - 130	30
1,2-Dichloropropane	ND	5.0	106	102	3.8	91	89	2.2	70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	108	101	6.7	92	84	9.1	70 - 130	30
1,3-Dichlorobenzene	ND	5.0	104	98	5.9	86	76	12.3	70 - 130	30
1,3-Dichloropropane	ND	5.0	108	104	3.8	92	86	6.7	70 - 130	30
1,4-Dichlorobenzene	ND	5.0	102	95	7.1	84	74	12.7	70 - 130	30
1,4-dioxane	ND	100	110	106	3.7	106	114	7.3	70 - 130	30
2,2-Dichloropropane	ND	5.0	117	110	6.2	93	95	2.1	70 - 130	30
2-Chlorotoluene	ND	5.0	106	99	6.8	90	83	8.1	70 - 130	30
2-Hexanone	ND	25	110	103	6.6	71	60	16.8	70 - 130	30
2-Isopropyltoluene	ND	5.0	110	103	6.6	93	85	9.0	70 - 130	30
4-Chlorotoluene	ND	5.0	104	97	7.0	87	79	9.6	70 - 130	30
4-Methyl-2-pentanone	ND	25	117	110	6.2	90	80	11.8	70 - 130	30
Acetone	ND	10	93	88	5.5	62	59	5.0	70 - 130	30
Acrolein	ND	25	113	109	3.6	16	14	13.3	70 - 130	30
Acrylonitrile	ND	5.0	103	92	11.3	84	75	11.3	70 - 130	30
Benzene	ND	1.0	110	104	5.6	95	93	2.1	70 - 130	30
Bromobenzene	ND	5.0	107	102	4.8	92	83	10.3	70 - 130	30
Bromochloromethane	ND	5.0	112	107	4.6	92	88	4.4	70 - 130	30
Bromodichloromethane	ND	5.0	113	109	3.6	96	94	2.1	70 - 130	30
Bromoform	ND	5.0	127	121	4.8	95	88	7.7	70 - 130	30
Bromomethane	ND	5.0	112	108	3.6	98	91	7.4	70 - 130	30
Carbon Disulfide	ND	5.0	114	108	5.4	89	91	2.2	70 - 130	30
Carbon tetrachloride	ND	5.0	112	105	6.5	92	95	3.2	70 - 130	30
Chlorobenzene	ND	5.0	106	100	5.8	90	85	5.7	70 - 130	30
Chloroethane	ND	5.0	114	110	3.6	94	95	1.1	70 - 130	30
Chloroform	ND	5.0	107	103	3.8	90	89	1.1	70 - 130	30
Chloromethane	ND	5.0	106	99	6.8	83	84	1.2	70 - 130	30
cis-1,2-Dichloroethene	ND	5.0	109	104	4.7	91	88	3.4	70 - 130	30
cis-1,3-Dichloropropene	ND	5.0	113	106	6.4	91	87	4.5	70 - 130	30
Dibromochloromethane	ND	3.0	123	118	4.1	101	94	7.2	70 - 130	30
Dibromomethane	ND	5.0	107	101	5.8	90	84	6.9	70 - 130	30
Dichlorodifluoromethane	ND	5.0	130	122	6.3	106	110	3.7	70 - 130	30
Ethylbenzene	ND	1.0	110	103	6.6	93	89	4.4	70 - 130	30
Hexachlorobutadiene	ND	5.0	107	96	10.8	80	69	14.8	70 - 130	30
Isopropylbenzene	ND	1.0	107	100	6.8	93	87	6.7	70 - 130	30

QA/QC Data

SDG I.D.: GCG08276

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
m&p-Xylene	ND	2.0	111	103	7.5	92	88	4.4	70 - 130	30	
Methyl ethyl ketone	ND	5.0	103	97	6.0	69	61	12.3	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	1.0	108	104	3.8	87	84	3.5	70 - 130	30	
Methylacetate	ND	5.0	116	111	4.4	58	47	21.0	70 - 130	30	m
Methylene chloride	ND	5.0	100	97	3.0	81	79	2.5	70 - 130	30	
Naphthalene	ND	5.0	117	112	4.4	84	72	15.4	70 - 130	30	
n-Butylbenzene	ND	1.0	108	99	8.7	84	75	11.3	70 - 130	30	
n-Propylbenzene	ND	1.0	106	99	6.8	91	85	6.8	70 - 130	30	
o-Xylene	ND	2.0	110	104	5.6	93	88	5.5	70 - 130	30	
p-Isopropyltoluene	ND	1.0	110	102	7.5	90	81	10.5	70 - 130	30	
sec-Butylbenzene	ND	1.0	114	106	7.3	97	88	9.7	70 - 130	30	
Styrene	ND	5.0	113	106	6.4	94	87	7.7	70 - 130	30	
tert-butyl alcohol	ND	100	112	107	4.6	101	101	0.0	70 - 130	30	
tert-Butylbenzene	ND	1.0	107	100	6.8	92	85	7.9	70 - 130	30	
Tetrachloroethene	ND	5.0	106	97	8.9	88	87	1.1	70 - 130	30	
Tetrahydrofuran (THF)	ND	5.0	111	105	5.6	81	76	6.4	70 - 130	30	
Toluene	ND	1.0	110	103	6.6	94	92	2.2	70 - 130	30	
trans-1,2-Dichloroethene	ND	5.0	112	105	6.5	89	89	0.0	70 - 130	30	
trans-1,3-Dichloropropene	ND	5.0	115	109	5.4	93	88	5.5	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	5.0	132	124	6.3	94	88	6.6	70 - 130	30	I
Trichloroethene	ND	5.0	106	98	7.8	89	88	1.1	70 - 130	30	
Trichlorofluoromethane	ND	5.0	111	105	5.6	92	94	2.2	70 - 130	30	
Trichlorotrifluoroethane	ND	5.0	112	103	8.4	89	92	3.3	70 - 130	30	
Vinyl chloride	ND	5.0	119	112	6.1	96	98	2.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	100	%	101	101	0.0	99	100	1.0	70 - 130	30	
% Bromofluorobenzene	100	%	102	102	0.0	101	101	0.0	70 - 130	30	
% Dibromofluoromethane	98	%	105	103	1.9	99	99	0.0	70 - 130	30	
% Toluene-d8	102	%	100	100	0.0	100	101	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.

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

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

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

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

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

June 10, 2020

Wednesday, June 10, 2020

Criteria: NY: 375, 375GWP, 375RS

State: NY

Sample Criteria Exceedances Report

GCG08276 - TAYLORD

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CG08282	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	30.4	0.36	30		mg/Kg
CG08283	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	34.1	0.33	30		mg/Kg
CG08284	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	31.0	0.37	30		mg/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



Analysis Comments

June 10, 2020

SDG I.D.: GCG08276

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

PEST Narration

AU-ECD4 06/08/20-1: CG08282, CG08283, CG08284

The following Continuing Calibration compounds did not meet % deviation criteria:

Samples: CG08282, CG08284

Preceding CC 608A020 - Endosulfan sulfate 28%H (20%)

Succeeding CC 608A034 - Endosulfan sulfate 24%H (20%)

Samples: CG08283

Preceding CC 608A034 - Endosulfan sulfate 24%H (20%)

Succeeding CC 608A045 - Endosulfan sulfate 25%H (20%)

SVOA Narration

CHEM34 06/05/20-1: CG08282, CG08283, CG08284

The following Initial Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.080 (0.1), Hexachlorobenzene 0.090 (0.1)

The following Initial Calibration compounds did not meet minimum response factors: None.

The following Continuing Calibration compounds did not meet recommended response factors: 2-Nitrophenol 0.082 (0.1), Hexachlorobenzene 0.098 (0.1)

The following Continuing Calibration compounds did not meet minimum response factors: None.

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

VOA Narration

CHEM03 06/07/20-1: CG08276, CG08277, CG08278, CG08279, CG08280, CG08281

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 29% (20%), Acetone 24% (20%), Bromoform 34% (20%), Chloroethane 25% (20%), Dibromochloromethane 22% (20%), trans-1,4-dichloro-2-butene 26% (20%)

The following Initial Calibration compounds did not meet maximum RSD% criteria: None.

The following Initial Calibration compounds did not meet recommended response factors: Acetone 0.085 (0.1), Acrolein 0.034 (0.05), Bromoform 0.099 (0.1), Tetrachloroethene 0.187 (0.2)

The following Initial Calibration compounds did not meet minimum response factors: Acrolein 0.034 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: Acrolein 0.026 (0.05)

The following Continuing Calibration compounds did not meet minimum response factors: Acrolein 0.034 (0.05)

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



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NY Temperature Narration

June 10, 2020

SDG I.D.: GCG08276

The samples in this delivery group were received at 1.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)



NY/NJ 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

Customer: Taylors Environment, Inc.
Address: PO Box 613
Wingdale, NY
scott@taylorsenvironment.com

Project:

75 Cooley Street
Pleasantville, NY

Project P.O.:

This section MUST be
completed with
Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature: [Signature] Date: 6/5/20

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

PHOENIX USE ONLY

SAMPLE #	Customer Sample Identification	Sample Matrix
08276	VOC 1	S
08277	VOC 2	
08278	VOC 3	
08279	VOC 4	
08280	VOC 5	
08281	VOC 6	
08282	Comp 1	
08283	Comp 2	
08284	Comp 3	

Analysis Request

Analysis Request	Part 375 VOC	Part 375 (No VOC)
Soil VOC Vials (1 methanol [2] H ₂ O)		
GL Soil container (8) oz		
GL Amber 1000ml [As is] [HCl]		
GL Amber 1000ml [As is] [HCl]		
PL As is [250ml] [500ml] [1000ml]		
PL H2SO4 [250ml] [500ml] [1000ml]		
PL HNO3 [250ml] [500ml] [1000ml]		
Bacteria bottle		

Relinquished by: <u>[Signature]</u>	Accepted by: <u>[Signature]</u>	Date: <u>6-5-20</u>	Time: <u>13:30</u>
Comments, Special Requirements or Regulations:		Date: <u>6/5/20</u>	Time: <u>10:42</u>
Turnaround: 1 Day* 2 Days* 3 Days* 5 Days 10 Days Other * SURCHARGE APPLIES		NJ ☐ Res. Criteria ☐ Non-Res. Criteria ☐ Impact to GW Soil ☐ Cleanup Criteria ☐ GW Criteria NY ☒ NY 375 GWP ☒ NY 375 Unrestricted Use Soil ☒ NY 375 Residential ☐ Restricted/Residential Commercial ☐ Industrial	
Data Format ☐ Phoenix Std Report ☒ Excel ☒ PDF ☐ GIS/Key ☐ EQUIS ☐ NJ Hazsite EDD ☐ NY EZ EDD (ASP) ☐ Other		Data Package ☐ NJ Reduced Deliv. * ☐ NY Enhanced (ASP B) * ☐ Other	
State where samples were collected: <u>NY</u>			

Note: VOC SAMPLES ARE GRAB SAMPLES. COMPOSITE SAMPLES ARE FIVE POINT COMPOSITES SAMPLES