



NARRATIVE REPORT FORM

Facility Name: Alliance 51st Street Primary Facility ID: 855927

Inspection Date: August 13, 2024		Inspection Time: 09:55-13:10		Lat/Long: 39.93496631230625, -75.20914844926827	
Inspecting Program:	<input type="checkbox"/> Storage Tanks	<input checked="" type="checkbox"/> HSCA		<input checked="" type="checkbox"/> LRP	
Owner Name: Alliance 51 st Street LLC		Inspection Number: N/A		Site ID: N/A	
Facility Location (911) Address: <u>1646 South 51st Street</u>			Municipality: Philadelphia		
<u>Philadelphia, PA 19143</u>			County: Philadelphia		
Responsible Official Name: Max Ryan Responsible Official Title: Director of Development and Construction – Alliance 51 st Street LLC			Responsible Official Address: <u>40 Morris Avenue, Suite 230</u>		
Responsible Official Telephone: 856-699-1105			<u>Bryn Mawr, PA 19010</u>		
Responsible Official Fax: Not applicable			Email Address: <u>mryan@alliancehsp.com</u>		

Narrative:

Attendee List

- PADEP – Matthew Sabetta, Christine McCarthy, and Jenna Kokoskie
- Arcadis – Matt Hilinski

Purpose of Visit

- DEP on site to collect confirmatory post cleanup soil analytical samples along the pedestrian bike path that runs along the east edge of the Alliance property boundary. Arcadis on site to collect split samples from all DEP sample locations.
- Determine if surface water is present in the drainage swale located on the Alliance property to allow for sample collected and laboratory analysis.

Discussion

- 9:55 – DEP arrived onsite and met the representative from Arcadis, consultants working on behalf of Alliance 51st Street LLC, at S 51st St entrance to bike trail.
- The sampling was performed in accordance with the August 12, 2024, Sampling and Analysis plan for the Site.

DEP Representatives Name Matthew Sabetta Christine McCarthy	DEP Representative Signatures <i>Matthew Sabetta</i> <i>Christine McCarthy</i>	Titles LPG Solid Waste Supervisor	Date: August 13, 2024
			Telephone: 484-250-5788 484-250-5725
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- DEP marked the locations where soil samples were to be collected. A total of 10 soil sample locations were chosen that included six previously sample locations and four new ones. Additional location information is included in the table and photos below.
- Sediment socks were still in place on the trail in front of all drainpipes/ports. However, some areas of accumulated sediment were present on the side of the trail closest to the river. It could not be determined if the sediment originated from the Alliance property or from another area along the trail.
- 10:30 – Began soil sample collection. Samples were collected from the first occurrence of surface soil or from accumulated material that appeared to have been transported and deposited by runoff on the trail. All soil samples were collected using disposable scoops. At each location, soil was homogenized prior to collection by both the Department and Arcadis. Additional collection information is included in the table below. A shovel was used to clear grass at the DEP51-S12 location. The shovel was decontaminated with Alconox and DI water rinses prior to use.
- A duplicate sample was collected with the DEP51-S6 and DEP51-S12 samples for quality control purposes.
- A total of 10 soil samples and 2 duplicates were collected for the following analyses: Total Metals TAL List by 6020B, Hexavalent Chromium by 7196A, and Trivalent Chromium Calculation by 7196A.
- 12:00 – Accessed to the Alliance property was granted. The purpose of accessing the property was to determine if water was present in swale located along the southern property boundary for sample collection.
- While walking to the drainage swale, potentially “green” stained soil was visible near the southwestern corner of the property near start of the drainage swale.
- Two areas of “green” pooled water were present prior to the first berm.
- Samples were collected with either a syringe (DP51-W5) or bailer (DEP51-W6).
- A total of 2 surface water samples were collected for the following analyses: Dissolved Metals TAL List by 6020B, Hexavalent Chromium by 7196A, and Trivalent Chromium Calculation by 7196A.
- Aqueous samples were field filtered with 0.45-micron filters prior to filling the Total Metals and Chromium sample containers. Split samples were collected by Arcadis by alternating filling sample bottles during filtering.
- 13:10 – DEP and Arcadis completed sample collection. DEP offsite.

DEP transported all samples (10 soil, 2 surface water, 2 soil duplicates) back to the DEP office in Norristown for transfer to Eurofins courier. All samples transferred to Eurofins courier at 14:45 for same day transport to Eurofins Lancaster Laboratories Environmental. A 3-day Rush Turn Around Time was ordered. The Chain of Custody is attached to this Narrative Report.

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Table 1 – Sample Summary

Location ID	Media	Latitude	Longitude	Sample Date	Sample Time	Description of Location
DEP51-S3	Soil	39.935363	-75.207062	8/13/2024	10:55	collected from original location; next to stone area
DEP51-S5	Soil	39.935167	-75.206775	8/13/2024	11:10	collected from downgradient side of drainpipe (i.e. river side). This is the first visible drainpipe that drains runoff from the trail
DEP51-S6 DUP-SB	Soil	39.935262	-75.206703	8/13/2024	11:20	Located about 15ft downgradient of DEP51-S5 as close to the river as possible before concrete
DEP51-S7	Soil	39.935146	-75.206808	8/13/2024	11:25	Located about 20ft south of the first drain, this is accumulated material in what appeared to be a former drain or crack
DEP51-S8A	Soil	39.935115	-75.206873	8/13/2024	11:30	Collected riverside downgradient of second drain; collected ~5ft from drain and original location
DEP51-S10A	Soil	39.935056	-75.206899	8/13/2024	11:35	Collected furthest downgradient of Alliance site in front of last drain. Sample collected from ~5ft from original location
DEP51-S12 DUP-SA	Soil	39.935421	-75.207091	8/13/2024	10:51	Surface soil sample collected from near Alliance fence; ~5ft from stone.
DEP51-S13	Soil	39.935316	-75.206798	8/13/2024	11:05	Scraped sediment accumulated on trail ~20ft north of first drainpipe.

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DEP51-S14	Soil	39.934989	-75.206938	8/13/2024	11:45	Surface soil collected ~10ft north of the trail gate on Bartram's Garden property.
DEP51-S15	Soil	39.934885	-75.207088	8/13/2024	11:55	Surface soil collected from ~25ft south of gate on Bartram's Garden Property
DEP51-W5	Surface Water	39.934989	-75.208952	8/13/2024	12:30	pooled water next to first berm in onsite swale
DEP51-W6	Surface Water	39.934886	-75.209468	8/13/2024	12:55	pooled water from head of onsite swale near unknown pipe/outlet

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MAPS / PHOTOGRAPHS / ATTACHMENTS

Figure 1 – 8/13/24 DEP Soil Sample Locations.



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Figure 2 – 8/13/4 DEP Surface Water Sample Locations



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**NARRATIVE REPORT FORM**Facility Name: Alliance 51st StreetPrimary Facility ID: 855927**Eurofins Lancaster Laboratories Environme**2425 New Holland Pike
Lancaster, PA 17601
Phone: 717-656-2300 Fax: 717-666-2681**Chain of Custody Record**

| Environment Testing

Client Information		Sampler: <u>Christine McCarthy</u>		Lab PM: Sachtleben, Kerri S		Carrier Tracking No(s):		COC No: 410-128613-35441.1			
Client Contact: Glorinés Suárez Rivera		Phone: <u>484-250-5725</u>		E-Mail: Kerri.Sachtleben@et.eurofinsus.com		State of Origin: <u>PA</u>		Page: Page 1 of 2			
Company: Pennsylvania Dept of Env Protection		PWID:		Job #:							
Address: 2 East Main Street		Due Date Requested:		Analysis Requested							
City: Norristown		TAT Requested (days): <u>3 DAY RUJH</u>		Preservation Codes: <u>U=unpreserved</u>							
State, Zip: PA, 19401		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		Total Number of Containers:							
Phone: 484-250-5724(Tel)		PO #: 188260		Other:							
Email: gsuaarezriv@pa.gov		WO #:		Special Instructions/Note:							
Project Name: <u>DEP 51st</u>		Project #: 41020738									
Site: <u>Alliance 51st St / Bartram's Trail</u>		SSOW#:									
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (U=water, G=solid, O=other, G=M)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers	
Preservation Code:											
DEP51-S12-240813		8/13/24	1051	G	S		X	X	X		1
DUP-S12-240813		8/13/24		G	S		X	X	X		1
DEP51-S3-240813		8/13/24	1055	G	S		X	X	X		1
DEP51-S5-240813		8/13/24	1110	G	S		X	X	X		1
DEP51-S6-240813		8/13/24	1120	G	S		X	X	X		1
DUP-S8-240813		8/13/24		G	S		X	X	X		1
DEP51-S13-240813		8/13/24	1105	G	S		X	X	X		1
DEP51-S7-240813		8/13/24	1125	G	S		X	X	X		1
DEP51-S8A-240813		8/13/24	1130	G	S		X	X	X		1
DEP51-S10A-240813		8/13/24	1135	G	S		X	X	X		1
DEP51-S14-240813		8/13/24	1145	G	S		X	X	X		1
Possible Hazard Identification											
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological											
Deliverable Requested: I, II, III, IV, Other (specify) <u>II</u>											
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)											
<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months											
Special Instructions/QC Requirements:											
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____											
Relinquished by: <u>Christine McCarthy</u> Date/Time: <u>8/13/24 1145</u> Company: <u>PA DEP</u>											
Relinquished by: _____ Date/Time: _____ Company: _____											
Relinquished by: _____ Date/Time: _____ Company: _____											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: _____											
Cooler Temperature(s) °C and Other Remarks: _____											

Ver: 04/02/2024

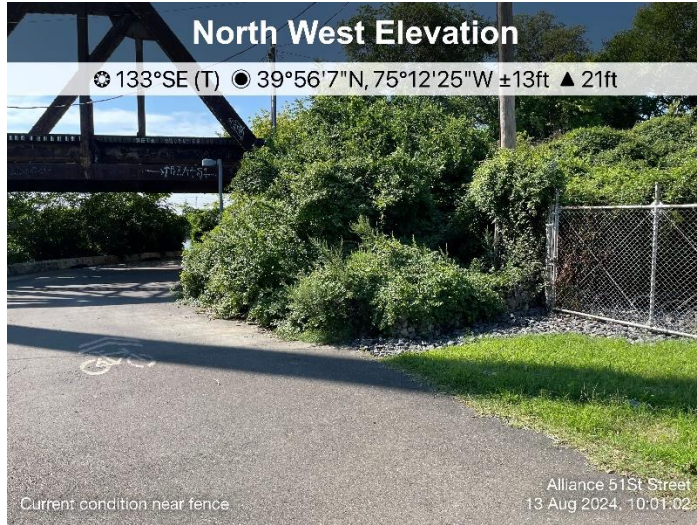
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Current conditions on the trail where original discharge was noted.



Current conditions on the trail looking toward Alliance property.



Dried sediment on trail under railroad bridge.



View of DEP51-S3. Sampled from surface soil adjacent stone.

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View of DEP51-S5 and DEP51-S6/DUP-SB



View of DEP51-S5 and DEP51-S6/DUP-SB



View of DEP51-S7 sampled from accumulated material behind sock.



Location of sample DEP51-S8A; sample collected from accumulated soil as close as possible to original location.

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View of DEP51-S10A; location moved to where sediment was present



View of DEP51-S12 located in grass adjacent to soil removal area.



View of sample location DEP51-S13; sediment on trail



Overview of DEP51-S13 showing sediment on trail.

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North Elevation

☉ 194°S (T) ● 39°56'6"N, 75°12'24"W ±13ft ▲ 9ft



View of DEP51-S14 collected from surface soil in front of gate.

South West Elevation

☉ 54°NE (T) ● 39°56'5"N, 75°12'25"W ±55ft ▲ 11ft



View of DEP51-S15 collected past the gate on Bartram's Garden property.

North East Elevation

☉ 236°SW (T) ● 39°56'6"N, 75°12'32"W ±13ft ▲ 26ft



Ponded water upgradient of first berm.

West Elevation

☉ 92°E (T) ● 39°56'6"N, 75°12'32"W ±9ft ▲ 29ft



View from top of first berm looking downgradient toward the River. No pooled water is present downgradient of first berm.

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West Elevation

99°E (T) 39°56'5"N, 75°12'32"W ±13ft ▲ 26ft



View of DEP51-W5 sample location collected next to first berm within drainage swale.

North East Elevation

204°SW (T) 39°56'5"N, 75°12'33"W ±13ft ▲ 29ft



View of location DEP51-W6 collected near unknown pipe from within drainage swale.

East Elevation

273°W (T) 39°56'6"N, 75°12'35"W ±9ft ▲ 24ft



Visible green soil near drainage swale near southwestern corner of Alliance property.

South East Elevation

322°NW (T) 39°56'6"N, 75°12'35"W ±42ft ▲ 3ft



Visible green soil near drainage swale near southwestern corner of Alliance property.

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